

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP101124 SAS No.: BP101124 SDG No.: BP101124

Instrument ID: BNA_P Calibration Date/Time: 10/11/2024 : 11:01

Lab File ID: BP022329.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020797 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	0.506	0.010	-8.5947	40.0
Benzaldehyde	0.910	0.987	0.010	8.4524	40.0
Pyridine	1.449	1.333	0.010	-7.9656	40.0
Phenol	1.752	1.619	0.080	-7.5749	20.0
Bis(2-Chloroethyl)ether	1.311	1.267	0.100	-3.3737	20.0
2-Chlorophenol	1.235	1.230	0.200	-0.396	20.0
2-Methylphenol	1.271	1.221	0.010	-3.9787	20.0
2,2-oxybis(1-Chloropropane)	1.524	1.420	0.010	-6.8171	40.0
Acetophenone	2.218	2.092	0.060	-5.6824	20.0
4-Methylphenol	1.410	1.303	0.010	-7.6332	20.0
N-Nitroso-di-n-propylamine	1.124	1.085	0.050	-3.4838	30.0
Hexachloroethane	0.575	0.582	0.100	1.1422	20.0
Nitrobenzene	0.459	0.447	0.050	-2.6842	25.0
Isophorone	0.823	0.809	0.050	-1.6504	25.0
2-Nitrophenol	0.192	0.197	0.050	2.5219	25.0
2,4-Dimethylphenol	0.417	0.420	0.050	0.5937	25.0
Bis(2-Chloroethoxy)methane	0.467	0.459	0.050	-1.7395	20.0
2,4-Dichlorophenol	0.373	0.389	0.060	4.2948	20.0
Naphthalene	1.065	1.076	0.200	1.0107	20.0
4-Chloroaniline	0.441	0.438	0.010	-0.7738	40.0
Hexachlorobutadiene	0.314	0.318	0.040	1.2754	30.0
Caprolactam	0.120	0.131	0.010	8.7358	40.0
4-Chloro-3-methylphenol	0.407	0.420	0.040	3.2071	25.0
1-Methylnaphthalene	0.798	0.816	0.100	2.2875	20.0
2-Methylnaphthalene	0.782	0.787	0.100	0.5996	20.0
Hexachlorocyclopentadiene	0.451	0.328	0.010	-27.2463	40.0
2,4,6-Trichlorophenol	0.465	0.459	0.090	-1.2585	25.0
2,4,5-Trichlorophenol	0.495	0.493	0.100	-0.4066	25.0
1,1-Biphenyl	1.442	1.386	0.200	-3.83	20.0
2-Chloronaphthalene	1.180	1.151	0.300	-2.5022	20.0
2-Nitroaniline	0.352	0.335	0.050	-5.0354	40.0
Dimethylphthalate	1.583	1.485	0.300	-6.184	20.0
2,6-Dinitrotoluene	0.299	0.307	0.080	2.5679	30.0
Acenaphthylene	1.752	1.785	0.400	1.9191	20.0
3-Nitroaniline	0.281	0.288	0.010	2.5539	40.0
Acenaphthene	1.239	1.193	0.200	-3.6665	20.0
2,4-Dinitrophenol	0.220	0.212	0.010	-3.9802	40.0
4-Nitrophenol	0.296	0.329	0.010	11.2759	40.0
Dibenzofuran	1.861	1.789	0.300	-3.8205	20.0

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP101124 SAS No.: BP101124 SDG No.: BP101124

Instrument ID: BNA_P Calibration Date/Time: 10/11/2024 : 11:01

Lab File ID: BP022329.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020797 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	0.473	0.070	1.637	30.0
Diethylphthalate	1.519	1.470	0.300	-3.2613	20.0
Fluorene	1.516	1.496	0.200	-1.3184	20.0
4-Chlorophenyl-phenylether	0.867	0.854	0.100	-1.438	20.0
4-Nitroaniline	0.283	0.315	0.010	11.2956	40.0
4,6-Dinitro-2-methylphenol	0.142	0.127	0.010	-10.6681	40.0
N-Nitrosodiphenylamine	0.536	0.512	0.050	-4.3346	20.0
1,2,4,5-Tetrachlorobenzene	0.740	0.731	0.100	-1.1199	20.0
4-Bromophenyl-phenylether	0.241	0.248	0.070	2.7223	20.0
Hexachlorobenzene	0.297	0.299	0.050	0.6224	25.0
Atrazine	0.223	0.202	0.010	-9.1809	25.0
Pentachlorophenol	0.191	0.189	0.010	-1.2397	40.0
Phenanthrene	1.070	1.049	0.200	-2.0083	20.0
Pentachlorobenzene	0.337	0.320	0.050	-4.8574	20.0
Anthracene	1.068	1.097	0.200	2.6916	20.0
1,2,3,4-Tetrachlorobenzene	0.305	0.286	0.050	-6.065	20.0
Carbazole	0.945	0.951	0.050	0.609	40.0
Di-n-butylphthalate	1.045	1.049	0.500	0.3062	25.0
Fluoranthene	1.216	1.275	0.400	4.8408	25.0
Pyrene	1.303	1.336	0.400	2.5199	25.0
Butylbenzylphthalate	0.454	0.460	0.100	1.3311	40.0
3,3-Dichlorobenzidine	0.477	0.474	0.010	-0.5306	40.0
Benzo (a) anthracene	1.402	1.384	0.300	-1.3207	30.0
Chrysene	1.300	1.265	0.200	-2.7193	30.0
Bis (2-ethylhexyl) phthalate	0.651	0.664	0.200	1.9428	40.0
Di-n-octyl phthalate	0.951	0.998	0.010	4.9298	40.0
Benzo (b) fluoranthene	1.259	1.254	0.200	-0.3935	25.0
Benzo (k) fluoranthene	1.233	1.249	0.200	1.3354	25.0
Benzo (a) pyrene	1.159	1.153	0.200	-0.5198	20.0
Indeno (1,2,3-cd) pyrene	1.546	1.474	0.200	-4.6532	25.0
Dibenzo (a,h) anthracene	1.252	1.211	0.200	-3.2448	30.0
Benzo (g,h,i) perylene	1.203	1.168	0.200	-2.8726	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.480	0.040	3.8927	20.0
1,4-Dioxane-d8	0.515	0.457	0.010	-11.235	25.0
Pyridine-d5	1.413	1.320	0.010	-6.5416	40.0
Phenol-d5	1.684	1.602	0.010	-4.8621	25.0
Bis- (2-Chloroethyl) ether-d8	0.989	0.928	0.050	-6.2534	25.0
2-Chlorophenol-d4	1.195	1.223	0.200	2.3726	20.0
4-Methylphenol-d8	1.344	1.308	0.010	-2.6751	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP101124 SAS No.: BP101124 SDG No.: BP101124

Instrument ID: BNA_P Calibration Date/Time: 10/11/2024 : 11:01

Lab File ID: BP022329.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020797 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.164	0.050	6.4443	20.0
2-Nitrophenol-d4	0.178	0.194	0.050	8.719	30.0
2,4-Dichlorophenol-d3	0.378	0.408	0.060	7.7717	20.0
4-Chloroaniline-d4	0.447	0.446	0.010	-0.1487	40.0
Dimethylphthalate-d6	1.589	1.507	0.300	-5.1343	20.0
Acenaphthylene-d8	1.688	1.661	0.400	-1.5566	20.0
4-Nitrophenol-d4	0.267	0.257	0.010	-3.5281	40.0
Fluorene-d10	1.378	1.374	0.100	-0.2975	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.119	0.010	-9.1926	40.0
Anthracene-d10	0.941	0.942	0.300	0.1075	20.0
Pyrene-d10	1.058	1.073	0.300	1.4636	25.0
Benzo(a)pyrene-d12	1.068	1.023	0.010	-4.1878	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.: BP101124 SAS No.: BP101124 SDG No.: BP101124

Instrument ID: BNA_P Calibration Date/Time: 10/11/2024 : 16:09

Lab File ID: BP022336.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020798 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	0.474	0.010	-14.3569	50.0
Benzaldehyde	0.910	1.003	0.010	10.2633	50.0
Pyridine	1.449	1.331	0.010	-8.1055	50.0
Phenol	1.752	1.615	0.080	-7.8151	50.0
Bis(2-Chloroethyl)ether	1.311	1.247	0.100	-4.8541	50.0
2-Chlorophenol	1.235	1.216	0.200	-1.5426	50.0
2-Methylphenol	1.271	1.205	0.010	-5.2333	50.0
2,2-oxybis(1-Chloropropane)	1.524	1.369	0.010	-10.1124	50.0
Acetophenone	2.218	1.977	0.060	-10.8767	50.0
4-Methylphenol	1.410	1.288	0.010	-8.6598	50.0
N-Nitroso-di-n-propylamine	1.124	1.006	0.050	-10.483	50.0
Hexachloroethane	0.575	0.556	0.100	-3.3645	50.0
Nitrobenzene	0.459	0.444	0.050	-3.3237	50.0
Isophorone	0.823	0.781	0.050	-5.0813	50.0
2-Nitrophenol	0.192	0.193	0.050	0.3917	50.0
2,4-Dimethylphenol	0.417	0.415	0.050	-0.3974	50.0
Bis(2-Chloroethoxy)methane	0.467	0.440	0.050	-5.8495	50.0
2,4-Dichlorophenol	0.373	0.376	0.060	0.8524	50.0
Naphthalene	1.065	1.053	0.200	-1.1362	50.0
4-Chloroaniline	0.441	0.421	0.010	-4.5712	50.0
Hexachlorobutadiene	0.314	0.307	0.040	-2.126	50.0
Caprolactam	0.120	0.127	0.010	5.5534	50.0
4-Chloro-3-methylphenol	0.407	0.399	0.040	-1.7382	50.0
1-Methylnaphthalene	0.798	0.785	0.100	-1.5993	50.0
2-Methylnaphthalene	0.782	0.756	0.100	-3.3803	50.0
Hexachlorocyclopentadiene	0.451	0.302	0.010	-33.0644	50.0
2,4,6-Trichlorophenol	0.465	0.468	0.090	0.5334	50.0
2,4,5-Trichlorophenol	0.495	0.509	0.100	2.7729	50.0
1,1-Biphenyl	1.442	1.389	0.200	-3.6521	50.0
2-Chloronaphthalene	1.180	1.172	0.300	-0.714	50.0
2-Nitroaniline	0.352	0.340	0.050	-3.4335	50.0
Dimethylphthalate	1.583	1.467	0.300	-7.3231	50.0
2,6-Dinitrotoluene	0.299	0.309	0.080	3.2006	50.0
Acenaphthylene	1.752	1.844	0.400	5.2923	50.0
3-Nitroaniline	0.281	0.288	0.010	2.2307	50.0
Acenaphthene	1.239	1.208	0.200	-2.5049	50.0
2,4-Dinitrophenol	0.220	0.204	0.010	-7.4598	50.0
4-Nitrophenol	0.296	0.329	0.010	11.104	50.0
Dibenzofuran	1.861	1.818	0.300	-2.2851	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP101124 SAS No.: BP101124 SDG No.: BP101124

Instrument ID: BNA_P Calibration Date/Time: 10/11/2024 : 16:09

Lab File ID: BP022336.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020798 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	0.478	0.070	2.7377	50.0
Diethylphthalate	1.519	1.426	0.300	-6.1576	50.0
Fluorene	1.516	1.487	0.200	-1.8906	50.0
4-Chlorophenyl-phenylether	0.867	0.838	0.100	-3.3901	50.0
4-Nitroaniline	0.283	0.327	0.010	15.6711	50.0
4,6-Dinitro-2-methylphenol	0.142	0.122	0.010	-14.0269	50.0
N-Nitrosodiphenylamine	0.536	0.510	0.050	-4.8694	50.0
1,2,4,5-Tetrachlorobenzene	0.740	0.732	0.100	-0.9858	50.0
4-Bromophenyl-phenylether	0.241	0.237	0.070	-1.6874	50.0
Hexachlorobenzene	0.297	0.301	0.050	1.2695	50.0
Atrazine	0.223	0.195	0.010	-12.2331	50.0
Pentachlorophenol	0.191	0.188	0.010	-1.5099	50.0
Phenanthrene	1.070	1.056	0.200	-1.277	50.0
Pentachlorobenzene	0.337	0.325	0.050	-3.6057	50.0
Anthracene	1.068	1.078	0.200	0.9316	50.0
1,2,3,4-Tetrachlorobenzene	0.305	0.300	0.050	-1.5058	50.0
Carbazole	0.945	0.939	0.050	-0.6295	50.0
Di-n-butylphthalate	1.045	0.999	0.500	-4.3978	50.0
Fluoranthene	1.216	1.290	0.400	6.1013	50.0
Pyrene	1.303	1.360	0.400	4.3737	50.0
Butylbenzylphthalate	0.454	0.454	0.100	0.0861	50.0
3,3-Dichlorobenzidine	0.477	0.472	0.010	-0.9635	50.0
Benzo (a) anthracene	1.402	1.379	0.300	-1.6584	50.0
Chrysene	1.300	1.273	0.200	-2.0664	50.0
Bis (2-ethylhexyl) phthalate	0.651	0.627	0.200	-3.6841	50.0
Di-n-octyl phthalate	0.951	0.959	0.010	0.7871	50.0
Benzo (b) fluoranthene	1.259	1.264	0.200	0.3936	50.0
Benzo (k) fluoranthene	1.233	1.210	0.200	-1.7936	50.0
Benzo (a) pyrene	1.159	1.167	0.200	0.6991	50.0
Indeno (1,2,3-cd) pyrene	1.546	1.468	0.200	-5.0663	50.0
Dibenzo (a,h) anthracene	1.252	1.214	0.200	-3.0436	50.0
Benzo (g,h,i) perylene	1.203	1.171	0.200	-2.6146	50.0
2,3,4,6-Tetrachlorophenol	0.462	0.482	0.040	4.3247	50.0
1,4-Dioxane-d8	0.515	0.425	0.010	-17.3456	50.0
Pyridine-d5	1.413	1.289	0.010	-8.7347	50.0
Phenol-d5	1.684	1.596	0.010	-5.2036	50.0
Bis- (2-Chloroethyl) ether-d8	0.989	0.915	0.050	-7.565	50.0
2-Chlorophenol-d4	1.195	1.226	0.200	2.6587	50.0
4-Methylphenol-d8	1.344	1.282	0.010	-4.5893	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP101124 SAS No.: BP101124 SDG No.: BP101124
 Instrument ID: BNA_P Calibration Date/Time: 10/11/2024 : 16:09
 Lab File ID: BP022336.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020798 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	2.1123	50.0
2-Nitrophenol-d4	0.178	0.192	0.050	7.75	50.0
2,4-Dichlorophenol-d3	0.378	0.392	0.060	3.6673	50.0
4-Chloroaniline-d4	0.447	0.435	0.010	-2.7099	50.0
Dimethylphthalate-d6	1.589	1.486	0.300	-6.4565	50.0
Acenaphthylene-d8	1.688	1.684	0.400	-0.2106	50.0
4-Nitrophenol-d4	0.267	0.267	0.010	0.2365	50.0
Fluorene-d10	1.378	1.358	0.100	-1.4446	50.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.118	0.010	-10.2858	50.0
Anthracene-d10	0.941	0.950	0.300	0.9275	50.0
Pyrene-d10	1.058	1.096	0.300	3.6397	50.0
Benzo(a)pyrene-d12	1.068	1.036	0.010	-2.9773	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	SBLK830	SDG No.:	BP101124
Lab Sample ID:	PB163830BL	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
BP022330.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

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:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	SBLK830	SDG No.:	BP101124
Lab Sample ID:	PB163830BL	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
BP022330.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

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:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	SBLK830	SDG No.:	BP101124
Lab Sample ID:	PB163830BL	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
BP022330.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

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	3.707		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	19.784		20-120		49	SPK: -40
4165-62-2	Phenol-d5	20.391		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.534		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.806		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	20.243		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	22.169		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.024		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.484		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.483		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.569		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	22.065		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.83		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	21.899		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	SBLK830	SDG No.:	BP101124
Lab Sample ID:	PB163830BL	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
BP022330.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.672		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	23.201		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	23.746		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.067		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	108590	7.704				
1146-65-2	Naphthalene-d8	394354	10.463				
15067-26-2	Acenaphthene-d10	305930	14.31				
1517-22-2	Phenanthrene-d10	745952	17.104				
1719-03-5	Chrysene-d12	831830	21.545				
1520-96-3	Perylene-d12	921195	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4E70	SDG No.:	BP101124
Lab Sample ID:	P4237-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 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
BP022331.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	66	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82	330	ug/Kg
110-86-1	Pyridine	33	U	33	160	330	ug/Kg
108-95-2	Phenol	1100		43	82	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	6100	E	40	82	330	ug/Kg
95-57-8	2-Chlorophenol	2600		23	42.2	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	6200	E	51	42.2	170	ug/Kg
67-72-1	Hexachloroethane	3700	E	18	42.2	170	ug/Kg
98-95-3	Nitrobenzene	1300		31	42.2	170	ug/Kg
78-59-1	Isophorone	5500	E	48	42.2	170	ug/Kg
88-75-5	2-Nitrophenol	1700		31	42.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.2	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	6300	E	43	42.2	170	ug/Kg
120-83-2	2,4-Dichlorophenol	3800	E	16	42.2	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.2	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.2	330	ug/Kg
87-68-3	Hexachlorobutadiene	5000	E	44	42.2	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		49	42.2	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.2	170	ug/Kg
91-57-6	2-Methylnaphthalene	1900		23	42.2	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	94	U	94	82	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	6700	E	49	42.2	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		39	42.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4E70	SDG No.:	BP101124
Lab Sample ID:	P4237-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 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
BP022331.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.2	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.2	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.2	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.2	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	9100	E	44	42.2	170	ug/Kg
208-96-8	Acenaphthylene	740		32	42.2	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82	330	ug/Kg
83-32-9	Acenaphthene	4200	E	29	42.2	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82	330	ug/Kg
100-02-7	4-Nitrophenol	3200		44	82	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.2	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	6000	E	43	42.2	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.2	170	ug/Kg
86-73-7	Fluorene	6400	E	25	42.2	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2100		20	42.2	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76	U	76	82	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.2	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.2	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		29	42.2	170	ug/Kg
118-74-1	Hexachlorobenzene	9000	E	32	42.2	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82	330	ug/Kg
87-86-5	Pentachlorophenol	8900	E	74	82	330	ug/Kg
85-01-8	Phenanthrene	1700		29	42.2	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.2	170	ug/Kg
120-12-7	Anthracene	1700		25	42.2	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.2	170	ug/Kg
86-74-8	Carbazole	28	U	28	82	330	ug/Kg
84-74-2	Di-n-butylphthalate	6100	E	61	42.2	170	ug/Kg
206-44-0	Fluoranthene	5800	E	54	82	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4E70	SDG No.:	BP101124
Lab Sample ID:	P4237-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 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
BP022331.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2400		49	42.2	170	ug/Kg
85-68-7	Butylbenzylphthalate	1500		83	42.2	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82	330	ug/Kg
56-55-3	Benzo(a)anthracene	4700	E	27	42.2	170	ug/Kg
218-01-9	Chrysene	7100	E	31	42.2	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	6500	E	95	42.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	75	U	75	82	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	6500	E	33	42.2	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.2	170	ug/Kg
50-32-8	Benzo(a)pyrene	1500		32	42.2	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		31	42.2	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3200	E	28	42.2	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		26	42.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.2	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.818		15-120		23	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	26.03		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.662		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.507		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	28.659		10-140		72	SPK: -40
4165-60-0	Nitrobenzene-d5	33.606		10-135		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.411		10-120		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.795		10-140		92	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.484		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.972		10-145		82	SPK: -40
93951-97-4	Acenaphthylene-d8	37.58		15-120		94	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.802		10-150		77	SPK: -40
81103-79-9	Fluorene-d10	39.863		20-140		100	SPK: -40

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4E70	SDG No.:	BP101124
Lab Sample ID:	P4237-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 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
BP022331.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.379		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	42.008		10-150		105	SPK: -40
1718-52-1	Pyrene-d10	42.917		10-130		107	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.915		10-140		107	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92573	7.699				
1146-65-2	Naphthalene-d8	337076	10.463				
15067-26-2	Acenaphthene-d10	247365	14.31				
1517-22-2	Phenanthrene-d10	600862	17.11				
1719-03-5	Chrysene-d12	700782	21.563				
1520-96-3	Perylene-d12	848666	24.845				
TENTATIVE IDENTIFIED COMPOUNDS							
000106-46-7	Benzene, 1,4-dichloro-	630	J			8.046	
001125-21-9	2,6,6-Trimethyl-2-cyclohexene-1,4-	170	J			9.704	
000608-93-5	Benzene, pentachloro-	82	J			14.634	
000935-95-5	Phenol, 2,3,5,6-tetrachloro-	71	J			14.945	
000643-58-3	1,1-Biphenyl, 2-methyl-	97	J			15.622	
000119-61-9	Benzophenone	760	J			15.687	
000057-10-3	n-Hexadecanoic acid	340	J			18.045	
000084-65-1	9,10-Anthracenedione	200	J			18.58	
	(DEL) Alkane: Cyclic	160	J			18.945	
E966796	Total Alkanes	160				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4E70DL	SDG No.:	BP101124
Lab Sample ID:	P4237-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 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
BP022332.D	5	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	55	U	55	32.8	330	ug/Kg
100-52-7	Benzaldehyde	220	U	220	410	1600	ug/Kg
110-86-1	Pyridine	160	U	160	820	1600	ug/Kg
108-95-2	Phenol	1100	JD	210	410	1600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	6300	D	200	410	1600	ug/Kg
95-57-8	2-Chlorophenol	2700	D	110	210	840	ug/Kg
95-48-7	2-Methylphenol	190	U	190	410	1600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	300	U	300	410	1600	ug/Kg
98-86-2	Acetophenone	200	U	200	410	1600	ug/Kg
106-44-5	4-Methylphenol	180	U	180	410	1600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	6600	D	250	210	840	ug/Kg
67-72-1	Hexachloroethane	3600	D	89	210	840	ug/Kg
98-95-3	Nitrobenzene	1300	D	150	210	840	ug/Kg
78-59-1	Isophorone	5900	D	240	210	840	ug/Kg
88-75-5	2-Nitrophenol	1600	D	150	210	840	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	210	840	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	6600	D	210	210	840	ug/Kg
120-83-2	2,4-Dichlorophenol	3900	D	79	210	840	ug/Kg
91-20-3	Naphthalene	120	U	120	210	840	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	210	1600	ug/Kg
87-68-3	Hexachlorobutadiene	4800	D	220	210	840	ug/Kg
105-60-2	Caprolactam	360	U	360	410	1600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600	D	240	210	840	ug/Kg
90-12-0	1-Methylnaphthalene	160	U	160	210	840	ug/Kg
91-57-6	2-Methylnaphthalene	2000	D	110	210	840	ug/Kg
77-47-4	Hexachlorocyclopentadiene	470	U	470	410	1600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	6500	D	240	210	840	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500	D	190	210	840	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4E70DL	SDG No.:	BP101124
Lab Sample ID:	P4237-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 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
BP022332.D	5	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	120	U	120	210	840	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	210	840	ug/Kg
88-74-4	2-Nitroaniline	200	U	200	210	840	ug/Kg
131-11-3	Dimethylphthalate	140	U	140	210	840	ug/Kg
606-20-2	2,6-Dinitrotoluene	8900	D	220	210	840	ug/Kg
208-96-8	Acenaphthylene	740	JD	160	210	840	ug/Kg
99-09-2	3-Nitroaniline	220	U	220	410	1600	ug/Kg
83-32-9	Acenaphthene	4300	D	140	210	840	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	410	1600	ug/Kg
100-02-7	4-Nitrophenol	3100	D	220	410	1600	ug/Kg
132-64-9	Dibenzofuran	160	U	160	210	840	ug/Kg
121-14-2	2,4-Dinitrotoluene	5900	D	210	210	840	ug/Kg
84-66-2	Diethylphthalate	150	U	150	210	840	ug/Kg
86-73-7	Fluorene	6500	D	120	210	840	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2100	D	99	210	840	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	410	1600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380	U	380	410	1600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	160	U	160	210	840	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	210	840	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500	D	140	210	840	ug/Kg
118-74-1	Hexachlorobenzene	8600	D	160	210	840	ug/Kg
1912-24-9	Atrazine	350	U	350	410	1600	ug/Kg
87-86-5	Pentachlorophenol	8000	D	370	410	1600	ug/Kg
85-01-8	Phenanthrene	1700	D	140	210	840	ug/Kg
608-93-5	Pentachlorobenzene	260	U	260	210	840	ug/Kg
120-12-7	Anthracene	1700	D	120	210	840	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	250	U	250	210	840	ug/Kg
86-74-8	Carbazole	140	U	140	410	1600	ug/Kg
84-74-2	Di-n-butylphthalate	6100	D	300	210	840	ug/Kg
206-44-0	Fluoranthene	6300	D	270	410	840	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4E70DL	SDG No.:	BP101124
Lab Sample ID:	P4237-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 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
BP022332.D	5	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2500	D	240	210	840	ug/Kg
85-68-7	Butylbenzylphthalate	1600	D	420	210	840	ug/Kg
91-94-1	3,3-Dichlorobenzidine	240	U	240	410	1600	ug/Kg
56-55-3	Benzo(a)anthracene	4700	D	130	210	840	ug/Kg
218-01-9	Chrysene	7500	D	150	210	840	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	6500	D	480	210	840	ug/Kg
117-84-0	Di-n-octyl phthalate	380	U	380	410	1600	ug/Kg
205-99-2	Benzo(b)fluoranthene	6600	D	160	210	840	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	U	190	210	840	ug/Kg
50-32-8	Benzo(a)pyrene	1500	D	160	210	840	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200	D	150	210	840	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3000	D	140	210	840	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000	D	130	210	840	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	160	210	840	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.21		15-120		28	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	25.8		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.68		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.31		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	29.165		10-140		73	SPK: -40
4165-60-0	Nitrobenzene-d5	31.44		10-135		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.315		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.045		10-140		90	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.295		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.845		10-145		82	SPK: -40
93951-97-4	Acenaphthylene-d8	36.795		15-120		92	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.115		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	40.485		20-140		101	SPK: -40

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4E70DL	SDG No.:	BP101124
Lab Sample ID:	P4237-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 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
BP022332.D	5	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.055		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	41.575		10-150		104	SPK: -40
1718-52-1	Pyrene-d10	44.65		10-130		112	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.76		10-140		104	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90595	7.675				
1146-65-2	Naphthalene-d8	338593	10.44				
15067-26-2	Acenaphthene-d10	266237	14.298				
1517-22-2	Phenanthrene-d10	671695	17.104				
1719-03-5	Chrysene-d12	731475	21.545				
1520-96-3	Perylene-d12	875653	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
000106-46-7	Benzene, 1,4-dichloro-	6200	JD			8.022	
000119-61-9	Benzophenone	750	JD			15.675	
E966796	Total Alkanes	120	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4E73	SDG No.:	BP101124
Lab Sample ID:	P4239-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP022333.D	1	10/3/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	66	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.2	330	ug/Kg
110-86-1	Pyridine	33	U	33	160	330	ug/Kg
108-95-2	Phenol	1000		43	82.2	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	5800	E	40	82.2	330	ug/Kg
95-57-8	2-Chlorophenol	2700	E	23	42.4	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.2	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82.2	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.2	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.2	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	5400	E	51	42.4	170	ug/Kg
67-72-1	Hexachloroethane	3900	E	18	42.4	170	ug/Kg
98-95-3	Nitrobenzene	1100		31	42.4	170	ug/Kg
78-59-1	Isophorone	4400	E	48	42.4	170	ug/Kg
88-75-5	2-Nitrophenol	1400		31	42.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.4	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	5200	E	43	42.4	170	ug/Kg
120-83-2	2,4-Dichlorophenol	3100	E	16	42.4	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.4	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.4	330	ug/Kg
87-68-3	Hexachlorobutadiene	4200	E	44	42.4	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.2	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		49	42.4	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	1600		23	42.4	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.2	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	5000	E	49	42.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		39	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4E73	SDG No.:	BP101124
Lab Sample ID:	P4239-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP022333.D	1	10/3/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.4	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.4	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	7000	E	44	42.4	170	ug/Kg
208-96-8	Acenaphthylene	560		32	42.4	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.2	330	ug/Kg
83-32-9	Acenaphthene	3200	E	29	42.4	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.2	330	ug/Kg
100-02-7	4-Nitrophenol	2600		44	82.2	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	4500	E	43	42.4	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.4	170	ug/Kg
86-73-7	Fluorene	4900	E	25	42.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		20	42.4	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.2	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.2	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		29	42.4	170	ug/Kg
118-74-1	Hexachlorobenzene	6600	E	32	42.4	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.2	330	ug/Kg
87-86-5	Pentachlorophenol	6200	E	74	82.2	330	ug/Kg
85-01-8	Phenanthrene	1200		29	42.4	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.4	170	ug/Kg
120-12-7	Anthracene	1200		25	42.4	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.4	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.2	330	ug/Kg
84-74-2	Di-n-butylphthalate	4300	E	61	42.4	170	ug/Kg
206-44-0	Fluoranthene	4500	E	54	82.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4E73	SDG No.:	BP101124
Lab Sample ID:	P4239-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP022333.D	1	10/3/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1900		49	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	1100		84	42.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.2	330	ug/Kg
56-55-3	Benzo(a)anthracene	3400	E	27	42.4	170	ug/Kg
218-01-9	Chrysene	5300	E	31	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4600	E	96	42.4	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	4600	E	33	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1100		32	42.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	860		31	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2200		28	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	770		26	42.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.723		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	19.891		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.278		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.127		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	20.032		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	20.802		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.772		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.213		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.316		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.775		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	21.682		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.635		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	23.002		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4E73	SDG No.:	BP101124
Lab Sample ID:	P4239-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022333.D	1	10/3/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.896		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	23.943		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	24.723		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.835		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82750	7.699				
1146-65-2	Naphthalene-d8	319111	10.457				
15067-26-2	Acenaphthene-d10	253420	14.31				
1517-22-2	Phenanthrene-d10	620998	17.098				
1719-03-5	Chrysene-d12	661278	21.551				
1520-96-3	Perylene-d12	834869	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-50-1	Benzene, 1,2-dichloro-	660	J			8.052	
001125-21-9	2,6,6-Trimethyl-2-cyclohexene-1,4-	140	J			9.704	
000643-58-3	1,1-Biphenyl, 2-methyl-	73	J			15.628	
000119-61-9	Benzophenone	440	J			15.687	
000057-10-3	n-Hexadecanoic acid	260	J			18.045	
000084-65-1	9,10-Anthracenedione	120	J			18.569	
000193-43-1	Indeno[1,2,3-cd]fluoranthene	320	J			28.568	
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4E73DL	SDG No.:	BP101124
Lab Sample ID:	P4239-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP022334.D	5	10/3/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	55	U	55	32.9	330	ug/Kg
100-52-7	Benzaldehyde	220	U	220	410	1600	ug/Kg
110-86-1	Pyridine	160	U	160	820	1600	ug/Kg
108-95-2	Phenol	970	JD	210	410	1600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	5600	D	200	410	1600	ug/Kg
95-57-8	2-Chlorophenol	2500	D	110	210	850	ug/Kg
95-48-7	2-Methylphenol	190	U	190	410	1600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	300	U	300	410	1600	ug/Kg
98-86-2	Acetophenone	200	U	200	410	1600	ug/Kg
106-44-5	4-Methylphenol	180	U	180	410	1600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	5300	D	250	210	850	ug/Kg
67-72-1	Hexachloroethane	3600	D	90	210	850	ug/Kg
98-95-3	Nitrobenzene	1000	D	150	210	850	ug/Kg
78-59-1	Isophorone	4300	D	240	210	850	ug/Kg
88-75-5	2-Nitrophenol	1200	D	150	210	850	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	210	850	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	5000	D	210	210	850	ug/Kg
120-83-2	2,4-Dichlorophenol	2900	D	80	210	850	ug/Kg
91-20-3	Naphthalene	120	U	120	210	850	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	210	1600	ug/Kg
87-68-3	Hexachlorobutadiene	3900	D	220	210	850	ug/Kg
105-60-2	Caprolactam	360	U	360	410	1600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100	D	240	210	850	ug/Kg
90-12-0	1-Methylnaphthalene	160	U	160	210	850	ug/Kg
91-57-6	2-Methylnaphthalene	1500	D	110	210	850	ug/Kg
77-47-4	Hexachlorocyclopentadiene	470	U	470	410	1600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4500	D	240	210	850	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000	D	190	210	850	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4E73DL	SDG No.:	BP101124
Lab Sample ID:	P4239-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP022334.D	5	10/3/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	120	U	120	210	850	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	210	850	ug/Kg
88-74-4	2-Nitroaniline	200	U	200	210	850	ug/Kg
131-11-3	Dimethylphthalate	140	U	140	210	850	ug/Kg
606-20-2	2,6-Dinitrotoluene	6300	D	220	210	850	ug/Kg
208-96-8	Acenaphthylene	520	JD	160	210	850	ug/Kg
99-09-2	3-Nitroaniline	220	U	220	410	1600	ug/Kg
83-32-9	Acenaphthene	3000	D	140	210	850	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	410	1600	ug/Kg
100-02-7	4-Nitrophenol	2100	D	220	410	1600	ug/Kg
132-64-9	Dibenzofuran	160	U	160	210	850	ug/Kg
121-14-2	2,4-Dinitrotoluene	4100	D	210	210	850	ug/Kg
84-66-2	Diethylphthalate	150	U	150	210	850	ug/Kg
86-73-7	Fluorene	4700	D	120	210	850	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500	D	100	210	850	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	410	1600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380	U	380	410	1600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	160	U	160	210	850	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	210	850	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100	D	140	210	850	ug/Kg
118-74-1	Hexachlorobenzene	6000	D	160	210	850	ug/Kg
1912-24-9	Atrazine	350	U	350	410	1600	ug/Kg
87-86-5	Pentachlorophenol	5500	D	370	410	1600	ug/Kg
85-01-8	Phenanthrene	1200	D	140	210	850	ug/Kg
608-93-5	Pentachlorobenzene	260	U	260	210	850	ug/Kg
120-12-7	Anthracene	1200	D	120	210	850	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	250	U	250	210	850	ug/Kg
86-74-8	Carbazole	140	U	140	410	1600	ug/Kg
84-74-2	Di-n-butylphthalate	4200	D	300	210	850	ug/Kg
206-44-0	Fluoranthene	4400	D	270	410	850	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4E73DL	SDG No.:	BP101124
Lab Sample ID:	P4239-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022334.D	5	10/3/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1800	D	240	210	850	ug/Kg
85-68-7	Butylbenzylphthalate	1100	D	420	210	850	ug/Kg
91-94-1	3,3-Dichlorobenzidine	240	U	240	410	1600	ug/Kg
56-55-3	Benzo(a)anthracene	3300	D	130	210	850	ug/Kg
218-01-9	Chrysene	5200	D	150	210	850	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4600	D	480	210	850	ug/Kg
117-84-0	Di-n-octyl phthalate	380	U	380	410	1600	ug/Kg
205-99-2	Benzo(b)fluoranthene	4400	D	160	210	850	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	U	190	210	850	ug/Kg
50-32-8	Benzo(a)pyrene	1000	D	160	210	850	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	790	JD	150	210	850	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2000	D	140	210	850	ug/Kg
191-24-2	Benzo(g,h,i)perylene	700	JD	130	210	850	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	160	210	850	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.075		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	17.44		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.845		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.295		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	17.81		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	19.22		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.605		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.895		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.085		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.965		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	20.035		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.64		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	21.39		20-140		53	SPK: -40

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4E73DL	SDG No.:	BP101124
Lab Sample ID:	P4239-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP022334.D	5	10/3/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.755		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	21.99		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	23.69		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.71		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97420	7.669				
1146-65-2	Naphthalene-d8	376009	10.434				
15067-26-2	Acenaphthene-d10	299180	14.292				
1517-22-2	Phenanthrene-d10	726208	17.11				
1719-03-5	Chrysene-d12	761058	21.551				
1520-96-3	Perylene-d12	915835	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-73-1	Benzene, 1,3-dichloro-	5700	JD			8.016	
000119-61-9	Benzophenone	410	JD			15.681	
E966796	Total Alkanes	120	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F10	SDG No.:	BP101124
Lab Sample ID:	P4237-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022335.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	11.4	110	ug/Kg
100-52-7	Benzaldehyde	77	U	77	140	570	ug/Kg
110-86-1	Pyridine	57	U	57	280	570	ug/Kg
108-95-2	Phenol	74	U	74	140	570	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	69	U	69	140	570	ug/Kg
95-57-8	2-Chlorophenol	40	U	40	73.2	290	ug/Kg
95-48-7	2-Methylphenol	67	U	67	140	570	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	570	ug/Kg
98-86-2	Acetophenone	71	J	69	140	570	ug/Kg
106-44-5	4-Methylphenol	64	U	64	140	570	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	88	U	88	73.2	290	ug/Kg
67-72-1	Hexachloroethane	31	U	31	73.2	290	ug/Kg
98-95-3	Nitrobenzene	53	U	53	73.2	290	ug/Kg
78-59-1	Isophorone	83	U	83	73.2	290	ug/Kg
88-75-5	2-Nitrophenol	53	U	53	73.2	290	ug/Kg
105-67-9	2,4-Dimethylphenol	43	U	43	73.2	290	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	74	U	74	73.2	290	ug/Kg
120-83-2	2,4-Dichlorophenol	28	U	28	73.2	290	ug/Kg
91-20-3	Naphthalene	43	U	43	73.2	290	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	73.2	570	ug/Kg
87-68-3	Hexachlorobutadiene	76	U	76	73.2	290	ug/Kg
105-60-2	Caprolactam	120	U	120	140	570	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84	U	84	73.2	290	ug/Kg
90-12-0	1-Methylnaphthalene	57	U	57	73.2	290	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	73.2	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	140	570	ug/Kg
88-06-2	2,4,6-Trichlorophenol	84	U	84	73.2	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	67	U	67	73.2	290	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F10	SDG No.:	BP101124
Lab Sample ID:	P4237-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022335.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	41	U	41	73.2	290	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	73.2	290	ug/Kg
88-74-4	2-Nitroaniline	71	U	71	73.2	290	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	73.2	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	76	U	76	73.2	290	ug/Kg
208-96-8	Acenaphthylene	55	U	55	73.2	290	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	140	570	ug/Kg
83-32-9	Acenaphthene	50	U	50	73.2	290	ug/Kg
51-28-5	2,4-Dinitrophenol	83	U	83	140	570	ug/Kg
100-02-7	4-Nitrophenol	76	U	76	140	570	ug/Kg
132-64-9	Dibenzofuran	55	U	55	73.2	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	74	U	74	73.2	290	ug/Kg
84-66-2	Diethylphthalate	52	U	52	73.2	290	ug/Kg
86-73-7	Fluorene	43	U	43	73.2	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	34	U	34	73.2	290	ug/Kg
100-01-6	4-Nitroaniline	53	U	53	140	570	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	140	570	ug/Kg
86-30-6	N-Nitrosodiphenylamine	57	U	57	73.2	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	73.2	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50	U	50	73.2	290	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	73.2	290	ug/Kg
1912-24-9	Atrazine	120	U	120	140	570	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	140	570	ug/Kg
85-01-8	Phenanthrene	110	J	50	73.2	290	ug/Kg
608-93-5	Pentachlorobenzene	90	U	90	73.2	290	ug/Kg
120-12-7	Anthracene	43	U	43	73.2	290	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	86	U	86	73.2	290	ug/Kg
86-74-8	Carbazole	48	U	48	140	570	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	73.2	290	ug/Kg
206-44-0	Fluoranthene	210	J	93	140	290	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F10	SDG No.:	BP101124
Lab Sample ID:	P4237-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022335.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	150	J	84	73.2	290	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	73.2	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	83	U	83	140	570	ug/Kg
56-55-3	Benzo(a)anthracene	94	J	46	73.2	290	ug/Kg
218-01-9	Chrysene	110	J	53	73.2	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	170	73.2	290	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	140	570	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	J	57	73.2	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	65	U	65	73.2	290	ug/Kg
50-32-8	Benzo(a)pyrene	55	U	55	73.2	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	U	53	73.2	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48	U	48	73.2	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45	U	45	73.2	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	57	U	57	73.2	290	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.645		15-120		21	SPK: -8
7291-22-7	Pyridine-d5	1.342	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	9.384		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.617		10-150		24	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.29		15-120		26	SPK: -40
190780-66-6	4-Methylphenol-d8	8.989		10-140		22	SPK: -40
4165-60-0	Nitrobenzene-d5	10.286		10-135		26	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.283		10-120		26	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	10.05		10-140		25	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.253		1-145		18	SPK: -40
85448-30-2	Dimethylphthalate-d6	10.675		10-145		27	SPK: -40
93951-97-4	Acenaphthylene-d8	10.559		15-120		26	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.502		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	11.024		20-140		28	SPK: -40

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F10	SDG No.:	BP101124
Lab Sample ID:	P4237-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022335.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.918		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	11.409		10-150		29	SPK: -40
1718-52-1	Pyrene-d10	10.868		10-130		27	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.732		10-140		19	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	103544	7.681				
1146-65-2	Naphthalene-d8	388722	10.446				
15067-26-2	Acenaphthene-d10	293632	14.316				
1517-22-2	Phenanthrene-d10	712522	17.11				
1719-03-5	Chrysene-d12	773883	21.551				
1520-96-3	Perylene-d12	918285	24.857				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	340	J			15.698	
000057-10-3	n-Hexadecanoic acid	150	J			18.057	
E966796	Total Alkanes	41	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	SBLK830	SDG No.:	BP101124
Lab Sample ID:	PB163830BL	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
BP022337.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

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:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	SBLK830	SDG No.:	BP101124
Lab Sample ID:	PB163830BL	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
BP022337.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

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:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	SBLK830	SDG No.:	BP101124
Lab Sample ID:	PB163830BL	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
BP022337.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

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	4.059		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	20.022		20-120		50	SPK: -40
4165-62-2	Phenol-d5	20.527		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.324		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.896		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	20.854		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	21.661		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.679		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.967		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.193		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.34		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	21.843		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.522		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	22.445		20-140		56	SPK: -40

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	SBLK830	SDG No.:	BP101124
Lab Sample ID:	PB163830BL	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
BP022337.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.391		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	22.837		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	23.243		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.355		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91720	7.699				
1146-65-2	Naphthalene-d8	350296	10.457				
15067-26-2	Acenaphthene-d10	285931	14.304				
1517-22-2	Phenanthrene-d10	737380	17.11				
1719-03-5	Chrysene-d12	814221	21.551				
1520-96-3	Perylene-d12	918387	24.845				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EQ7	SDG No.:	BP101124
Lab Sample ID:	P4237-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022338.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	18	U	18	11	110	ug/Kg
100-52-7	Benzaldehyde	75	U	75	140	550	ug/Kg
110-86-1	Pyridine	55	U	55	270	550	ug/Kg
108-95-2	Phenol	72	U	72	140	550	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	67	U	67	140	550	ug/Kg
95-57-8	2-Chlorophenol	38	U	38	70.7	280	ug/Kg
95-48-7	2-Methylphenol	65	U	65	140	550	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	550	ug/Kg
98-86-2	Acetophenone	67	U	67	140	550	ug/Kg
106-44-5	4-Methylphenol	62	U	62	140	550	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	85	U	85	70.7	280	ug/Kg
67-72-1	Hexachloroethane	30	U	30	70.7	280	ug/Kg
98-95-3	Nitrobenzene	52	U	52	70.7	280	ug/Kg
78-59-1	Isophorone	80	U	80	70.7	280	ug/Kg
88-75-5	2-Nitrophenol	52	U	52	70.7	280	ug/Kg
105-67-9	2,4-Dimethylphenol	42	U	42	70.7	280	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	72	U	72	70.7	280	ug/Kg
120-83-2	2,4-Dichlorophenol	27	U	27	70.7	280	ug/Kg
91-20-3	Naphthalene	42	U	42	70.7	280	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	70.7	550	ug/Kg
87-68-3	Hexachlorobutadiene	73	U	73	70.7	280	ug/Kg
105-60-2	Caprolactam	120	U	120	140	550	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82	U	82	70.7	280	ug/Kg
90-12-0	1-Methylnaphthalene	55	U	55	70.7	280	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	70.7	280	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	140	550	ug/Kg
88-06-2	2,4,6-Trichlorophenol	82	U	82	70.7	280	ug/Kg
95-95-4	2,4,5-Trichlorophenol	65	U	65	70.7	280	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EQ7	SDG No.:	BP101124
Lab Sample ID:	P4237-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022338.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	40	U	40	70.7	280	ug/Kg
91-58-7	2-Chloronaphthalene	43	U	43	70.7	280	ug/Kg
88-74-4	2-Nitroaniline	68	U	68	70.7	280	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	70.7	280	ug/Kg
606-20-2	2,6-Dinitrotoluene	73	U	73	70.7	280	ug/Kg
208-96-8	Acenaphthylene	53	U	53	70.7	280	ug/Kg
99-09-2	3-Nitroaniline	73	U	73	140	550	ug/Kg
83-32-9	Acenaphthene	48	U	48	70.7	280	ug/Kg
51-28-5	2,4-Dinitrophenol	80	U	80	140	550	ug/Kg
100-02-7	4-Nitrophenol	73	U	73	140	550	ug/Kg
132-64-9	Dibenzofuran	53	U	53	70.7	280	ug/Kg
121-14-2	2,4-Dinitrotoluene	72	U	72	70.7	280	ug/Kg
84-66-2	Diethylphthalate	50	U	50	70.7	280	ug/Kg
86-73-7	Fluorene	42	U	42	70.7	280	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	33	U	33	70.7	280	ug/Kg
100-01-6	4-Nitroaniline	52	U	52	140	550	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	140	550	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	70.7	280	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	70.7	280	ug/Kg
101-55-3	4-Bromophenyl-phenylether	48	U	48	70.7	280	ug/Kg
118-74-1	Hexachlorobenzene	53	U	53	70.7	280	ug/Kg
1912-24-9	Atrazine	120	U	120	140	550	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	140	550	ug/Kg
85-01-8	Phenanthrene	340		48	70.7	280	ug/Kg
608-93-5	Pentachlorobenzene	87	U	87	70.7	280	ug/Kg
120-12-7	Anthracene	72	J	42	70.7	280	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	83	U	83	70.7	280	ug/Kg
86-74-8	Carbazole	47	U	47	140	550	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	70.7	280	ug/Kg
206-44-0	Fluoranthene	610		90	140	280	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EQ7	SDG No.:	BP101124
Lab Sample ID:	P4237-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022338.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	440		82	70.7	280	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	70.7	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	80	U	80	140	550	ug/Kg
56-55-3	Benzo(a)anthracene	250	J	45	70.7	280	ug/Kg
218-01-9	Chrysene	300		52	70.7	280	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	J	160	70.7	280	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	140	550	ug/Kg
205-99-2	Benzo(b)fluoranthene	360		55	70.7	280	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	63	70.7	280	ug/Kg
50-32-8	Benzo(a)pyrene	180	J	53	70.7	280	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	J	52	70.7	280	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	47	U	47	70.7	280	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	70.7	280	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55	U	55	70.7	280	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.801		15-120		23	SPK: -8
7291-22-7	Pyridine-d5	0.937	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	9.345		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.7		10-150		27	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.457		15-120		29	SPK: -40
190780-66-6	4-Methylphenol-d8	8.334		10-140		21	SPK: -40
4165-60-0	Nitrobenzene-d5	11.439		10-135		29	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.682		10-120		29	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.212		10-140		28	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.043		1-145		18	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.367		10-145		28	SPK: -40
93951-97-4	Acenaphthylene-d8	11.825		15-120		30	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.147		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	12.134		20-140		30	SPK: -40

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EQ7	SDG No.:	BP101124
Lab Sample ID:	P4237-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022338.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.129		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	12.375		10-150		31	SPK: -40
1718-52-1	Pyrene-d10	11.93		10-130		30	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	9.129		10-140		23	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	96302	7.699				
1146-65-2	Naphthalene-d8	372177	10.457				
15067-26-2	Acenaphthene-d10	292323	14.316				
1517-22-2	Phenanthrene-d10	702230	17.122				
1719-03-5	Chrysene-d12	780512	21.557				
1520-96-3	Perylene-d12	958964	24.851				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	290	J			15.704	
000057-10-3	n-Hexadecanoic acid	210	J			18.051	
	unknown-01	120	J			21.221	
E966796	Total Alkanes	40	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F26	SDG No.:	BP101124
Lab Sample ID:	P4237-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022339.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	20	U	20	12	120	ug/Kg
100-52-7	Benzaldehyde	82	U	82	150	600	ug/Kg
110-86-1	Pyridine	60	U	60	300	600	ug/Kg
108-95-2	Phenol	78	U	78	150	600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	73	U	73	150	600	ug/Kg
95-57-8	2-Chlorophenol	42	U	42	77.6	310	ug/Kg
95-48-7	2-Methylphenol	71	U	71	150	600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	600	ug/Kg
98-86-2	Acetophenone	84	J	73	150	600	ug/Kg
106-44-5	4-Methylphenol	68	U	68	150	600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	93	U	93	77.6	310	ug/Kg
67-72-1	Hexachloroethane	33	U	33	77.6	310	ug/Kg
98-95-3	Nitrobenzene	57	U	57	77.6	310	ug/Kg
78-59-1	Isophorone	88	U	88	77.6	310	ug/Kg
88-75-5	2-Nitrophenol	57	U	57	77.6	310	ug/Kg
105-67-9	2,4-Dimethylphenol	46	U	46	77.6	310	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	78	U	78	77.6	310	ug/Kg
120-83-2	2,4-Dichlorophenol	29	U	29	77.6	310	ug/Kg
91-20-3	Naphthalene	46	U	46	77.6	310	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	77.6	600	ug/Kg
87-68-3	Hexachlorobutadiene	80	U	80	77.6	310	ug/Kg
105-60-2	Caprolactam	130	U	130	150	600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	89	U	89	77.6	310	ug/Kg
90-12-0	1-Methylnaphthalene	60	U	60	77.6	310	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	77.6	310	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	150	600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	89	U	89	77.6	310	ug/Kg
95-95-4	2,4,5-Trichlorophenol	71	U	71	77.6	310	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F26	SDG No.:	BP101124
Lab Sample ID:	P4237-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022339.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	44	U	44	77.6	310	ug/Kg
91-58-7	2-Chloronaphthalene	47	U	47	77.6	310	ug/Kg
88-74-4	2-Nitroaniline	75	U	75	77.6	310	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	77.6	310	ug/Kg
606-20-2	2,6-Dinitrotoluene	80	U	80	77.6	310	ug/Kg
208-96-8	Acenaphthylene	58	U	58	77.6	310	ug/Kg
99-09-2	3-Nitroaniline	80	U	80	150	600	ug/Kg
83-32-9	Acenaphthene	53	U	53	77.6	310	ug/Kg
51-28-5	2,4-Dinitrophenol	88	U	88	150	600	ug/Kg
100-02-7	4-Nitrophenol	80	U	80	150	600	ug/Kg
132-64-9	Dibenzofuran	58	U	58	77.6	310	ug/Kg
121-14-2	2,4-Dinitrotoluene	78	U	78	77.6	310	ug/Kg
84-66-2	Diethylphthalate	55	U	55	77.6	310	ug/Kg
86-73-7	Fluorene	46	U	46	77.6	310	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	37	U	37	77.6	310	ug/Kg
100-01-6	4-Nitroaniline	57	U	57	150	600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	150	600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	60	U	60	77.6	310	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	44	77.6	310	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	77.6	310	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	77.6	310	ug/Kg
1912-24-9	Atrazine	130	U	130	150	600	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	150	600	ug/Kg
85-01-8	Phenanthrene	53	U	53	77.6	310	ug/Kg
608-93-5	Pentachlorobenzene	95	U	95	77.6	310	ug/Kg
120-12-7	Anthracene	46	U	46	77.6	310	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	91	U	91	77.6	310	ug/Kg
86-74-8	Carbazole	51	U	51	150	600	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	77.6	310	ug/Kg
206-44-0	Fluoranthene	99	U	99	150	310	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F26	SDG No.:	BP101124
Lab Sample ID:	P4237-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45.4
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
BP022339.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	89	U	89	77.6	310	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	77.6	310	ug/Kg
91-94-1	3,3-Dichlorobenzidine	88	U	88	150	600	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	49	77.6	310	ug/Kg
218-01-9	Chrysene	57	U	57	77.6	310	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	180	U	180	77.6	310	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	150	600	ug/Kg
205-99-2	Benzo(b)fluoranthene	64	J	60	77.6	310	ug/Kg
207-08-9	Benzo(k)fluoranthene	69	U	69	77.6	310	ug/Kg
50-32-8	Benzo(a)pyrene	58	U	58	77.6	310	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	57	U	57	77.6	310	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51	U	51	77.6	310	ug/Kg
191-24-2	Benzo(g,h,i)perylene	47	U	47	77.6	310	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	77.6	310	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.726		15-120		22	SPK: -8
7291-22-7	Pyridine-d5	0.522	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	9.21		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	8.98		10-150		22	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.833		15-120		25	SPK: -40
190780-66-6	4-Methylphenol-d8	8.174		10-140		20	SPK: -40
4165-60-0	Nitrobenzene-d5	9.385		10-135		23	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.577		10-120		24	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.718		10-140		24	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.8		1-145		17	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.775		10-145		24	SPK: -40
93951-97-4	Acenaphthylene-d8	10.135		15-120		25	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.533		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	10.608		20-140		27	SPK: -40

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F26	SDG No.:	BP101124
Lab Sample ID:	P4237-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022339.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.66		10-130		14	SPK: -40
1719-06-8	Anthracene-d10	10.57		10-150		26	SPK: -40
1718-52-1	Pyrene-d10	10.267		10-130		26	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.405		10-140		19	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	101807	7.704				
1146-65-2	Naphthalene-d8	390090	10.463				
15067-26-2	Acenaphthene-d10	309461	14.322				
1517-22-2	Phenanthrene-d10	752253	17.104				
1719-03-5	Chrysene-d12	807116	21.545				
1520-96-3	Perylene-d12	948546	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
000694-87-1	Bicyclo[4.2.0]octa-1,3,5-triene	180	J			5.728	
000119-61-9	Benzophenone	260	J			15.692	
028336-57-4	Cyclohexane, 1,3,5-triphenyl-	150	J			21.186	
003558-24-5	1H-Indole, 1-methyl-2-phenyl-	250	J			21.78	
1000120-80-7	Methadone N-oxide	360	J			21.857	
1010154-23-3	1-Propene, 3-(2-cyclopentenyl)-2-m	130	J			21.951	
E966796	Total Alkanes	44	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F32	SDG No.:	BP101124
Lab Sample ID:	P4237-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.9
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
BP022340.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

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	480	ug/Kg
110-86-1	Pyridine	48	U	48	240	480	ug/Kg
108-95-2	Phenol	63	U	63	120	480	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	59	U	59	120	480	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	62.4	250	ug/Kg
95-48-7	2-Methylphenol	57	U	57	120	480	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	88	U	88	120	480	ug/Kg
98-86-2	Acetophenone	59	U	59	120	480	ug/Kg
106-44-5	4-Methylphenol	54	U	54	120	480	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	75	U	75	62.4	250	ug/Kg
67-72-1	Hexachloroethane	26	U	26	62.4	250	ug/Kg
98-95-3	Nitrobenzene	46	U	46	62.4	250	ug/Kg
78-59-1	Isophorone	70	U	70	62.4	250	ug/Kg
88-75-5	2-Nitrophenol	46	U	46	62.4	250	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	62.4	250	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	63	U	63	62.4	250	ug/Kg
120-83-2	2,4-Dichlorophenol	23	U	23	62.4	250	ug/Kg
91-20-3	Naphthalene	37	U	37	62.4	250	ug/Kg
106-47-8	4-Chloroaniline	35	U	35	62.4	480	ug/Kg
87-68-3	Hexachlorobutadiene	65	U	65	62.4	250	ug/Kg
105-60-2	Caprolactam	110	U	110	120	480	ug/Kg
59-50-7	4-Chloro-3-methylphenol	72	U	72	62.4	250	ug/Kg
90-12-0	1-Methylnaphthalene	48	U	48	62.4	250	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	62.4	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	120	480	ug/Kg
88-06-2	2,4,6-Trichlorophenol	72	U	72	62.4	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	62.4	250	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F32	SDG No.:	BP101124
Lab Sample ID:	P4237-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.9
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
BP022340.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	35	U	35	62.4	250	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	62.4	250	ug/Kg
88-74-4	2-Nitroaniline	60	U	60	62.4	250	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	62.4	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	65	U	65	62.4	250	ug/Kg
208-96-8	Acenaphthylene	47	U	47	62.4	250	ug/Kg
99-09-2	3-Nitroaniline	65	U	65	120	480	ug/Kg
83-32-9	Acenaphthene	43	U	43	62.4	250	ug/Kg
51-28-5	2,4-Dinitrophenol	70	U	70	120	480	ug/Kg
100-02-7	4-Nitrophenol	65	U	65	120	480	ug/Kg
132-64-9	Dibenzofuran	47	U	47	62.4	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	63	U	63	62.4	250	ug/Kg
84-66-2	Diethylphthalate	44	U	44	62.4	250	ug/Kg
86-73-7	Fluorene	37	U	37	62.4	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	29	U	29	62.4	250	ug/Kg
100-01-6	4-Nitroaniline	46	U	46	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	62.4	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	35	U	35	62.4	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	43	U	43	62.4	250	ug/Kg
118-74-1	Hexachlorobenzene	47	U	47	62.4	250	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	43	U	43	62.4	250	ug/Kg
608-93-5	Pentachlorobenzene	76	U	76	62.4	250	ug/Kg
120-12-7	Anthracene	37	U	37	62.4	250	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	73	U	73	62.4	250	ug/Kg
86-74-8	Carbazole	41	U	41	120	480	ug/Kg
84-74-2	Di-n-butylphthalate	90	U	90	62.4	250	ug/Kg
206-44-0	Fluoranthene	79	U	79	120	250	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F32	SDG No.:	BP101124
Lab Sample ID:	P4237-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.9
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
BP022340.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	72	U	72	62.4	250	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	62.4	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	70	U	70	120	480	ug/Kg
56-55-3	Benzo(a)anthracene	40	U	40	62.4	250	ug/Kg
218-01-9	Chrysene	46	U	46	62.4	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	62.4	250	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	120	480	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	62.4	250	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	62.4	250	ug/Kg
50-32-8	Benzo(a)pyrene	47	U	47	62.4	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	46	62.4	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	41	U	41	62.4	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	62.4	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	48	62.4	250	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.078		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	19.941		20-120		50	SPK: -40
4165-62-2	Phenol-d5	23.314		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.319		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.692		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	24.614		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	26.148		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.42		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.782		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.129		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.314		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	27.796		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.31		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	28.062		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F32	SDG No.:	BP101124
Lab Sample ID:	P4237-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.9
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
BP022340.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.266		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	29.181		10-150		73	SPK: -40
1718-52-1	Pyrene-d10	31.268		10-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.877		10-140		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	116211	7.704				
1146-65-2	Naphthalene-d8	431177	10.469				
15067-26-2	Acenaphthene-d10	330530	14.322				
1517-22-2	Phenanthrene-d10	788273	17.11				
1719-03-5	Chrysene-d12	822017	21.545				
1520-96-3	Perylene-d12	956681	24.845				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	380	J			15.698	
000057-10-3	n-Hexadecanoic acid	180	J			18.057	
	(DEL) Alkane: Straight-Chain	21.221	J			21.221	
E966796	Total Alkanes	150				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EN9	SDG No.:	BP101124
Lab Sample ID:	P4237-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32
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
BP022341.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

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:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EN9	SDG No.:	BP101124
Lab Sample ID:	P4237-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32
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
BP022341.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

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	43	U	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	79	U	79	120	250	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EN9	SDG No.:	BP101124
Lab Sample ID:	P4237-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32
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
BP022341.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	72	U	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	40	U	40	62.5	250	ug/Kg
218-01-9	Chrysene	46	U	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	49	U	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	47	U	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	4.28		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	21.126		20-120		53	SPK: -40
4165-62-2	Phenol-d5	25.928		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.83		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.129		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	27.363		10-140		68	SPK: -40
4165-60-0	Nitrobenzene-d5	28.755		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.459		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.183		10-140		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.859		1-145		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.702		10-145		77	SPK: -40
93951-97-4	Acenaphthylene-d8	31.306		15-120		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.204		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	32.574		20-140		81	SPK: -40

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EN9	SDG No.:	BP101124
Lab Sample ID:	P4237-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32
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
BP022341.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.686		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	33.069		10-150		83	SPK: -40
1718-52-1	Pyrene-d10	34.627		10-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.358		10-140		86	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	101991	7.705				
1146-65-2	Naphthalene-d8	376725	10.463				
15067-26-2	Acenaphthene-d10	285066	14.31				
1517-22-2	Phenanthrene-d10	685178	17.104				
1719-03-5	Chrysene-d12	758326	21.551				
1520-96-3	Perylene-d12	914082	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	460	J			15.687	
000057-10-3	n-Hexadecanoic acid	240	J			18.039	
	(DEL) Alkane: Cyclic	170	J			21.216	
E966796	Total Alkanes	170				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EP6	SDG No.:	BP101124
Lab Sample ID:	P4237-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.2
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
BP022342.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	11.4	110	ug/Kg
100-52-7	Benzaldehyde	78	U	78	140	570	ug/Kg
110-86-1	Pyridine	57	U	57	280	570	ug/Kg
108-95-2	Phenol	74	U	74	140	570	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	69	U	69	140	570	ug/Kg
95-57-8	2-Chlorophenol	40	U	40	73.3	290	ug/Kg
95-48-7	2-Methylphenol	67	U	67	140	570	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	570	ug/Kg
98-86-2	Acetophenone	69	U	69	140	570	ug/Kg
106-44-5	4-Methylphenol	64	U	64	140	570	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	88	U	88	73.3	290	ug/Kg
67-72-1	Hexachloroethane	31	U	31	73.3	290	ug/Kg
98-95-3	Nitrobenzene	53	U	53	73.3	290	ug/Kg
78-59-1	Isophorone	83	U	83	73.3	290	ug/Kg
88-75-5	2-Nitrophenol	53	U	53	73.3	290	ug/Kg
105-67-9	2,4-Dimethylphenol	43	U	43	73.3	290	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	74	U	74	73.3	290	ug/Kg
120-83-2	2,4-Dichlorophenol	28	U	28	73.3	290	ug/Kg
91-20-3	Naphthalene	43	U	43	73.3	290	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	73.3	570	ug/Kg
87-68-3	Hexachlorobutadiene	76	U	76	73.3	290	ug/Kg
105-60-2	Caprolactam	120	U	120	140	570	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84	U	84	73.3	290	ug/Kg
90-12-0	1-Methylnaphthalene	57	U	57	73.3	290	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	73.3	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	140	570	ug/Kg
88-06-2	2,4,6-Trichlorophenol	84	U	84	73.3	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	67	U	67	73.3	290	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EP6	SDG No.:	BP101124
Lab Sample ID:	P4237-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.2
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
BP022342.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	41	U	41	73.3	290	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	73.3	290	ug/Kg
88-74-4	2-Nitroaniline	71	U	71	73.3	290	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	73.3	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	76	U	76	73.3	290	ug/Kg
208-96-8	Acenaphthylene	55	U	55	73.3	290	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	140	570	ug/Kg
83-32-9	Acenaphthene	50	U	50	73.3	290	ug/Kg
51-28-5	2,4-Dinitrophenol	83	U	83	140	570	ug/Kg
100-02-7	4-Nitrophenol	76	U	76	140	570	ug/Kg
132-64-9	Dibenzofuran	55	U	55	73.3	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	74	U	74	73.3	290	ug/Kg
84-66-2	Diethylphthalate	52	U	52	73.3	290	ug/Kg
86-73-7	Fluorene	43	U	43	73.3	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	34	U	34	73.3	290	ug/Kg
100-01-6	4-Nitroaniline	53	U	53	140	570	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	140	570	ug/Kg
86-30-6	N-Nitrosodiphenylamine	57	U	57	73.3	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	73.3	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50	U	50	73.3	290	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	73.3	290	ug/Kg
1912-24-9	Atrazine	120	U	120	140	570	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	140	570	ug/Kg
85-01-8	Phenanthrene	180	J	50	73.3	290	ug/Kg
608-93-5	Pentachlorobenzene	90	U	90	73.3	290	ug/Kg
120-12-7	Anthracene	43	U	43	73.3	290	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	86	U	86	73.3	290	ug/Kg
86-74-8	Carbazole	48	U	48	140	570	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	73.3	290	ug/Kg
206-44-0	Fluoranthene	480		93	140	290	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EP6	SDG No.:	BP101124
Lab Sample ID:	P4237-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.2
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
BP022342.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	320		84	73.3	290	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	73.3	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	83	U	83	140	570	ug/Kg
56-55-3	Benzo(a)anthracene	170	J	47	73.3	290	ug/Kg
218-01-9	Chrysene	250	J	53	73.3	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	170	73.3	290	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	140	570	ug/Kg
205-99-2	Benzo(b)fluoranthene	300		57	73.3	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	J	66	73.3	290	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	55	73.3	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	94	J	53	73.3	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48	U	48	73.3	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45	U	45	73.3	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	57	U	57	73.3	290	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.827	*	15-120		10	SPK: -8
7291-22-7	Pyridine-d5	0.761	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	3.302	*	10-130		8	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	4.643		10-150		12	SPK: -40
93951-73-6	2-Chlorophenol-d4	4.528	*	15-120		11	SPK: -40
190780-66-6	4-Methylphenol-d8	3.303	*	10-140		8	SPK: -40
4165-60-0	Nitrobenzene-d5	5.053		10-135		13	SPK: -40
93951-78-1	2-Nitrophenol-d4	4.876		10-120		12	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	4.037		10-140		10	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.903		1-145		5	SPK: -40
85448-30-2	Dimethylphthalate-d6	4.975		10-145		12	SPK: -40
93951-97-4	Acenaphthylene-d8	5.28	*	15-120		13	SPK: -40
93951-79-2	4-Nitrophenol-d4	1.266	*	10-150		3	SPK: -40
81103-79-9	Fluorene-d10	5.906	*	20-140		15	SPK: -40

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EP6	SDG No.:	BP101124
Lab Sample ID:	P4237-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.2
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
BP022342.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.518	*	10-130		6	SPK: -40
1719-06-8	Anthracene-d10	5.738		10-150		14	SPK: -40
1718-52-1	Pyrene-d10	5.726		10-130		14	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	4.052		10-140		10	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100324	7.699				
1146-65-2	Naphthalene-d8	379895	10.463				
15067-26-2	Acenaphthene-d10	309628	14.304				
1517-22-2	Phenanthrene-d10	783563	17.116				
1719-03-5	Chrysene-d12	833698	21.539				
1520-96-3	Perylene-d12	1012644	24.833				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	230	J			15.692	
000057-10-3	n-Hexadecanoic acid	120	J			18.045	
E966796	Total Alkanes	41	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EQ0	SDG No.:	BP101124
Lab Sample ID:	P4237-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.2
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
BP022343.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	22	U	22	13.3	130	ug/Kg
100-52-7	Benzaldehyde	90	U	90	170	660	ug/Kg
110-86-1	Pyridine	66	U	66	330	660	ug/Kg
108-95-2	Phenol	86	U	86	170	660	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	80	U	80	170	660	ug/Kg
95-57-8	2-Chlorophenol	46	U	46	85.3	340	ug/Kg
95-48-7	2-Methylphenol	78	U	78	170	660	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	660	ug/Kg
98-86-2	Acetophenone	80	U	80	170	660	ug/Kg
106-44-5	4-Methylphenol	74	U	74	170	660	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	85.3	340	ug/Kg
67-72-1	Hexachloroethane	36	U	36	85.3	340	ug/Kg
98-95-3	Nitrobenzene	62	U	62	85.3	340	ug/Kg
78-59-1	Isophorone	96	U	96	85.3	340	ug/Kg
88-75-5	2-Nitrophenol	62	U	62	85.3	340	ug/Kg
105-67-9	2,4-Dimethylphenol	50	U	50	85.3	340	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	86	U	86	85.3	340	ug/Kg
120-83-2	2,4-Dichlorophenol	32	U	32	85.3	340	ug/Kg
91-20-3	Naphthalene	50	U	50	85.3	340	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	85.3	660	ug/Kg
87-68-3	Hexachlorobutadiene	88	U	88	85.3	340	ug/Kg
105-60-2	Caprolactam	140	U	140	170	660	ug/Kg
59-50-7	4-Chloro-3-methylphenol	98	U	98	85.3	340	ug/Kg
90-12-0	1-Methylnaphthalene	66	U	66	85.3	340	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	85.3	340	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	170	660	ug/Kg
88-06-2	2,4,6-Trichlorophenol	98	U	98	85.3	340	ug/Kg
95-95-4	2,4,5-Trichlorophenol	78	U	78	85.3	340	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EQ0	SDG No.:	BP101124
Lab Sample ID:	P4237-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.2
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
BP022343.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	48	U	48	85.3	340	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	85.3	340	ug/Kg
88-74-4	2-Nitroaniline	82	U	82	85.3	340	ug/Kg
131-11-3	Dimethylphthalate	58	U	58	85.3	340	ug/Kg
606-20-2	2,6-Dinitrotoluene	88	U	88	85.3	340	ug/Kg
208-96-8	Acenaphthylene	64	U	64	85.3	340	ug/Kg
99-09-2	3-Nitroaniline	88	U	88	170	660	ug/Kg
83-32-9	Acenaphthene	58	U	58	85.3	340	ug/Kg
51-28-5	2,4-Dinitrophenol	96	U	96	170	660	ug/Kg
100-02-7	4-Nitrophenol	88	U	88	170	660	ug/Kg
132-64-9	Dibenzofuran	64	U	64	85.3	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86	U	86	85.3	340	ug/Kg
84-66-2	Diethylphthalate	60	U	60	85.3	340	ug/Kg
86-73-7	Fluorene	50	U	50	85.3	340	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	40	U	40	85.3	340	ug/Kg
100-01-6	4-Nitroaniline	62	U	62	170	660	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	170	660	ug/Kg
86-30-6	N-Nitrosodiphenylamine	66	U	66	85.3	340	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	48	U	48	85.3	340	ug/Kg
101-55-3	4-Bromophenyl-phenylether	58	U	58	85.3	340	ug/Kg
118-74-1	Hexachlorobenzene	64	U	64	85.3	340	ug/Kg
1912-24-9	Atrazine	140	U	140	170	660	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	170	660	ug/Kg
85-01-8	Phenanthrene	310	J	58	85.3	340	ug/Kg
608-93-5	Pentachlorobenzene	100	U	100	85.3	340	ug/Kg
120-12-7	Anthracene	50	U	50	85.3	340	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	100	U	100	85.3	340	ug/Kg
86-74-8	Carbazole	56	U	56	170	660	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	85.3	340	ug/Kg
206-44-0	Fluoranthene	640		110	170	340	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EQ0	SDG No.:	BP101124
Lab Sample ID:	P4237-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.2
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
BP022343.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	480		98	85.3	340	ug/Kg
85-68-7	Butylbenzylphthalate	170	U	170	85.3	340	ug/Kg
91-94-1	3,3-Dichlorobenzidine	96	U	96	170	660	ug/Kg
56-55-3	Benzo(a)anthracene	260	J	54	85.3	340	ug/Kg
218-01-9	Chrysene	300	J	62	85.3	340	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	U	190	85.3	340	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	170	660	ug/Kg
205-99-2	Benzo(b)fluoranthene	370		66	85.3	340	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	76	85.3	340	ug/Kg
50-32-8	Benzo(a)pyrene	190	J	64	85.3	340	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	J	62	85.3	340	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56	U	56	85.3	340	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52	U	52	85.3	340	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	66	U	66	85.3	340	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.778		15-120		22	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	9.333		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.153		10-150		25	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.001		15-120		28	SPK: -40
190780-66-6	4-Methylphenol-d8	7.78		10-140		19	SPK: -40
4165-60-0	Nitrobenzene-d5	10.501		10-135		26	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.755		10-120		27	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	10.482		10-140		26	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.407		1-145		16	SPK: -40
85448-30-2	Dimethylphthalate-d6	10.467		10-145		26	SPK: -40
93951-97-4	Acenaphthylene-d8	11.329		15-120		28	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.513		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	11.587		20-140		29	SPK: -40

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EQ0	SDG No.:	BP101124
Lab Sample ID:	P4237-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.2
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
BP022343.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.795		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	11.553		10-150		29	SPK: -40
1718-52-1	Pyrene-d10	12.246		10-130		31	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	9.487		10-140		24	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110789	7.699				
1146-65-2	Naphthalene-d8	430226	10.457				
15067-26-2	Acenaphthene-d10	334785	14.31				
1517-22-2	Phenanthrene-d10	783506	17.11				
1719-03-5	Chrysene-d12	787731	21.557				
1520-96-3	Perylene-d12	937808	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	360	J			15.692	
000057-10-3	n-Hexadecanoic acid	240	J			18.039	
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F22	SDG No.:	BP101124
Lab Sample ID:	P4237-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.4
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022344.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	18	U	18	10.7	110	ug/Kg
100-52-7	Benzaldehyde	73	U	73	130	540	ug/Kg
110-86-1	Pyridine	54	U	54	270	540	ug/Kg
108-95-2	Phenol	70	U	70	130	540	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	65	U	65	130	540	ug/Kg
95-57-8	2-Chlorophenol	37	U	37	69	280	ug/Kg
95-48-7	2-Methylphenol	63	U	63	130	540	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	97	U	97	130	540	ug/Kg
98-86-2	Acetophenone	77	J	65	130	540	ug/Kg
106-44-5	4-Methylphenol	60	U	60	130	540	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	83	U	83	69	280	ug/Kg
67-72-1	Hexachloroethane	29	U	29	69	280	ug/Kg
98-95-3	Nitrobenzene	50	U	50	69	280	ug/Kg
78-59-1	Isophorone	78	U	78	69	280	ug/Kg
88-75-5	2-Nitrophenol	50	U	50	69	280	ug/Kg
105-67-9	2,4-Dimethylphenol	41	U	41	69	280	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	70	U	70	69	280	ug/Kg
120-83-2	2,4-Dichlorophenol	26	U	26	69	280	ug/Kg
91-20-3	Naphthalene	41	U	41	69	280	ug/Kg
106-47-8	4-Chloroaniline	39	U	39	69	540	ug/Kg
87-68-3	Hexachlorobutadiene	71	U	71	69	280	ug/Kg
105-60-2	Caprolactam	120	U	120	130	540	ug/Kg
59-50-7	4-Chloro-3-methylphenol	80	U	80	69	280	ug/Kg
90-12-0	1-Methylnaphthalene	54	U	54	69	280	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	69	280	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	130	540	ug/Kg
88-06-2	2,4,6-Trichlorophenol	80	U	80	69	280	ug/Kg
95-95-4	2,4,5-Trichlorophenol	63	U	63	69	280	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F22	SDG No.:	BP101124
Lab Sample ID:	P4237-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022344.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	39	U	39	69	280	ug/Kg
91-58-7	2-Chloronaphthalene	42	U	42	69	280	ug/Kg
88-74-4	2-Nitroaniline	67	U	67	69	280	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	69	280	ug/Kg
606-20-2	2,6-Dinitrotoluene	71	U	71	69	280	ug/Kg
208-96-8	Acenaphthylene	52	U	52	69	280	ug/Kg
99-09-2	3-Nitroaniline	71	U	71	130	540	ug/Kg
83-32-9	Acenaphthene	47	U	47	69	280	ug/Kg
51-28-5	2,4-Dinitrophenol	78	U	78	130	540	ug/Kg
100-02-7	4-Nitrophenol	71	U	71	130	540	ug/Kg
132-64-9	Dibenzofuran	52	U	52	69	280	ug/Kg
121-14-2	2,4-Dinitrotoluene	70	U	70	69	280	ug/Kg
84-66-2	Diethylphthalate	49	U	49	69	280	ug/Kg
86-73-7	Fluorene	41	U	41	69	280	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	32	U	32	69	280	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	130	540	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	130	540	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	69	280	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	69	280	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47	U	47	69	280	ug/Kg
118-74-1	Hexachlorobenzene	52	U	52	69	280	ug/Kg
1912-24-9	Atrazine	120	U	120	130	540	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	130	540	ug/Kg
85-01-8	Phenanthrene	66	J	47	69	280	ug/Kg
608-93-5	Pentachlorobenzene	84	U	84	69	280	ug/Kg
120-12-7	Anthracene	41	U	41	69	280	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	81	U	81	69	280	ug/Kg
86-74-8	Carbazole	45	U	45	130	540	ug/Kg
84-74-2	Di-n-butylphthalate	99	U	99	69	280	ug/Kg
206-44-0	Fluoranthene	140	J	88	130	280	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F22	SDG No.:	BP101124
Lab Sample ID:	P4237-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022344.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	110	J	80	69	280	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	69	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	78	U	78	130	540	ug/Kg
56-55-3	Benzo(a)anthracene	62	J	44	69	280	ug/Kg
218-01-9	Chrysene	75	J	50	69	280	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	U	160	69	280	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	130	540	ug/Kg
205-99-2	Benzo(b)fluoranthene	90	J	54	69	280	ug/Kg
207-08-9	Benzo(k)fluoranthene	62	U	62	69	280	ug/Kg
50-32-8	Benzo(a)pyrene	52	U	52	69	280	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50	U	50	69	280	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	69	280	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	69	280	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	54	U	54	69	280	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.734		15-120		22	SPK: -8
7291-22-7	Pyridine-d5	1.217	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	11.082		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.993		10-150		27	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.734		15-120		29	SPK: -40
190780-66-6	4-Methylphenol-d8	10.052		10-140		25	SPK: -40
4165-60-0	Nitrobenzene-d5	11.437		10-135		29	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.113		10-120		30	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.411		10-140		29	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.198		1-145		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.7		10-145		29	SPK: -40
93951-97-4	Acenaphthylene-d8	12.029		15-120		30	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.365		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	12.378		20-140		31	SPK: -40

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F22	SDG No.:	BP101124
Lab Sample ID:	P4237-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022344.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.49		10-130		19	SPK: -40
1719-06-8	Anthracene-d10	12.518		10-150		31	SPK: -40
1718-52-1	Pyrene-d10	12.466		10-130		31	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	8.707		10-140		22	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	104043	7.704				
1146-65-2	Naphthalene-d8	408795	10.457				
15067-26-2	Acenaphthene-d10	332149	14.31				
1517-22-2	Phenanthrene-d10	787425	17.104				
1719-03-5	Chrysene-d12	779630	21.545				
1520-96-3	Perylene-d12	951285	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	340	J			15.686	
000057-10-3	n-Hexadecanoic acid	150	J			18.045	
	(DEL) Alkane: Straight-Chain	21.215	J			21.215	
E966796	Total Alkanes	110				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F11	SDG No.:	BP101124
Lab Sample ID:	P4237-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.1
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
BP022345.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.7	77	ug/Kg
100-52-7	Benzaldehyde	52	U	52	95.7	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	50	U	50	95.7	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	95.7	380	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	49.3	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	95.7	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	70	U	70	95.7	380	ug/Kg
98-86-2	Acetophenone	46	U	46	95.7	380	ug/Kg
106-44-5	4-Methylphenol	43	U	43	95.7	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	59	49.3	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	49.3	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	49.3	200	ug/Kg
78-59-1	Isophorone	56	U	56	49.3	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	49.3	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	49.3	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	49.3	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	49.3	200	ug/Kg
91-20-3	Naphthalene	29	U	29	49.3	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	49.3	380	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	49.3	200	ug/Kg
105-60-2	Caprolactam	84	U	84	95.7	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57	U	57	49.3	200	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	49.3	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	49.3	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	95.7	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	49.3	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	49.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F11	SDG No.:	BP101124
Lab Sample ID:	P4237-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022345.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	49.3	200	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	49.3	200	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	49.3	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	49.3	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	51	49.3	200	ug/Kg
208-96-8	Acenaphthylene	37	U	37	49.3	200	ug/Kg
99-09-2	3-Nitroaniline	51	U	51	95.7	380	ug/Kg
83-32-9	Acenaphthene	34	U	34	49.3	200	ug/Kg
51-28-5	2,4-Dinitrophenol	56	U	56	95.7	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95.7	380	ug/Kg
132-64-9	Dibenzofuran	37	U	37	49.3	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	50	U	50	49.3	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	49.3	200	ug/Kg
86-73-7	Fluorene	29	U	29	49.3	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.3	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	95.7	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	89	U	89	95.7	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	49.3	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	49.3	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	49.3	200	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	49.3	200	ug/Kg
1912-24-9	Atrazine	82	U	82	95.7	380	ug/Kg
87-86-5	Pentachlorophenol	86	U	86	95.7	380	ug/Kg
85-01-8	Phenanthrene	34	U	34	49.3	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	49.3	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.3	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	58	U	58	49.3	200	ug/Kg
86-74-8	Carbazole	32	U	32	95.7	380	ug/Kg
84-74-2	Di-n-butylphthalate	71	U	71	49.3	200	ug/Kg
206-44-0	Fluoranthene	63	U	63	95.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F11	SDG No.:	BP101124
Lab Sample ID:	P4237-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.1
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
BP022345.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	57	U	57	49.3	200	ug/Kg
85-68-7	Butylbenzylphthalate	97	U	97	49.3	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	95.7	380	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	49.3	200	ug/Kg
218-01-9	Chrysene	36	U	36	49.3	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	49.3	200	ug/Kg
117-84-0	Di-n-octyl phthalate	88	U	88	95.7	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	38	U	38	49.3	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49.3	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	49.3	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	49.3	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	49.3	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	49.3	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	49.3	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.584		15-120		20	SPK: -8
7291-22-7	Pyridine-d5	1.517	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	10.036		10-130		25	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.696		10-150		24	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.789		15-120		27	SPK: -40
190780-66-6	4-Methylphenol-d8	9.581		10-140		24	SPK: -40
4165-60-0	Nitrobenzene-d5	10.881		10-135		27	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.238		10-120		28	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.31		10-140		28	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.005		1-145		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.405		10-145		29	SPK: -40
93951-97-4	Acenaphthylene-d8	11.458		15-120		29	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.809		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	12		20-140		30	SPK: -40

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F11	SDG No.:	BP101124
Lab Sample ID:	P4237-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022345.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.971		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	12.067		10-150		30	SPK: -40
1718-52-1	Pyrene-d10	11.705		10-130		29	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	8.286		10-140		21	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	117036	7.699				
1146-65-2	Naphthalene-d8	429793	10.457				
15067-26-2	Acenaphthene-d10	334425	14.31				
1517-22-2	Phenanthrene-d10	803198	17.11				
1719-03-5	Chrysene-d12	845319	21.545				
1520-96-3	Perylene-d12	979787	24.845				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EP7	SDG No.:	BP101124
Lab Sample ID:	P4237-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.5
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
BP022346.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.9	89	ug/Kg
100-52-7	Benzaldehyde	60	U	60	110	440	ug/Kg
110-86-1	Pyridine	44	U	44	220	440	ug/Kg
108-95-2	Phenol	58	U	58	110	440	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	54	U	54	110	440	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	57	230	ug/Kg
95-48-7	2-Methylphenol	52	U	52	110	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	81	U	81	110	440	ug/Kg
98-86-2	Acetophenone	54	U	54	110	440	ug/Kg
106-44-5	4-Methylphenol	50	U	50	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	68	U	68	57	230	ug/Kg
67-72-1	Hexachloroethane	24	U	24	57	230	ug/Kg
98-95-3	Nitrobenzene	42	U	42	57	230	ug/Kg
78-59-1	Isophorone	64	U	64	57	230	ug/Kg
88-75-5	2-Nitrophenol	42	U	42	57	230	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	57	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	58	U	58	57	230	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	57	230	ug/Kg
91-20-3	Naphthalene	34	U	34	57	230	ug/Kg
106-47-8	4-Chloroaniline	32	U	32	57	440	ug/Kg
87-68-3	Hexachlorobutadiene	59	U	59	57	230	ug/Kg
105-60-2	Caprolactam	97	U	97	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	66	U	66	57	230	ug/Kg
90-12-0	1-Methylnaphthalene	44	U	44	57	230	ug/Kg
91-57-6	2-Methylnaphthalene	31	U	31	57	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	66	U	66	57	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	57	230	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EP7	SDG No.:	BP101124
Lab Sample ID:	P4237-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.5
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
BP022346.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	57	230	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	57	230	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	57	230	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	57	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	59	U	59	57	230	ug/Kg
208-96-8	Acenaphthylene	43	U	43	57	230	ug/Kg
99-09-2	3-Nitroaniline	59	U	59	110	440	ug/Kg
83-32-9	Acenaphthene	39	U	39	57	230	ug/Kg
51-28-5	2,4-Dinitrophenol	64	U	64	110	440	ug/Kg
100-02-7	4-Nitrophenol	59	U	59	110	440	ug/Kg
132-64-9	Dibenzofuran	43	U	43	57	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	58	U	58	57	230	ug/Kg
84-66-2	Diethylphthalate	40	U	40	57	230	ug/Kg
86-73-7	Fluorene	34	U	34	57	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27	U	27	57	230	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	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	57	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	32	U	32	57	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	39	U	39	57	230	ug/Kg
118-74-1	Hexachlorobenzene	43	U	43	57	230	ug/Kg
1912-24-9	Atrazine	95	U	95	110	440	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	110	440	ug/Kg
85-01-8	Phenanthrene	39	U	39	57	230	ug/Kg
608-93-5	Pentachlorobenzene	70	U	70	57	230	ug/Kg
120-12-7	Anthracene	34	U	34	57	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	67	U	67	57	230	ug/Kg
86-74-8	Carbazole	38	U	38	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	82	U	82	57	230	ug/Kg
206-44-0	Fluoranthene	72	U	72	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EP7	SDG No.:	BP101124
Lab Sample ID:	P4237-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.5
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
BP022346.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	66	U	66	57	230	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	57	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	36	U	36	57	230	ug/Kg
218-01-9	Chrysene	42	U	42	57	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	57	230	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	44	57	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	57	230	ug/Kg
50-32-8	Benzo(a)pyrene	43	U	43	57	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42	U	42	57	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	38	U	38	57	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	57	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	57	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.671		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	14.556		20-120		36	SPK: -40
4165-62-2	Phenol-d5	16.322		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.61		10-150		39	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.446		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	16.168		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	17.143		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.031		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.431		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.165		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.124		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	18.05		15-120		45	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.61		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	18.631		20-140		47	SPK: -40

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EP7	SDG No.:	BP101124
Lab Sample ID:	P4237-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.5
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
BP022346.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.612		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	18.966		10-150		47	SPK: -40
1718-52-1	Pyrene-d10	20.184		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.495		10-140		49	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	96438	7.699				
1146-65-2	Naphthalene-d8	362817	10.457				
15067-26-2	Acenaphthene-d10	287655	14.31				
1517-22-2	Phenanthrene-d10	731402	17.11				
1719-03-5	Chrysene-d12	800181	21.545				
1520-96-3	Perylene-d12	948112	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	410	J			15.687	
000057-10-3	n-Hexadecanoic acid	140	J			18.045	
E966796	Total Alkanes	32	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F23	SDG No.:	BP101124
Lab Sample ID:	P4237-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
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
BP022347.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.4	75	ug/Kg
100-52-7	Benzaldehyde	50	U	50	92.3	370	ug/Kg
110-86-1	Pyridine	37	U	37	180	370	ug/Kg
108-95-2	Phenol	48	U	48	92.3	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	92.3	370	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	47.5	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	92.3	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	67	U	67	92.3	370	ug/Kg
98-86-2	Acetophenone	45	U	45	92.3	370	ug/Kg
106-44-5	4-Methylphenol	41	U	41	92.3	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	57	U	57	47.5	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	47.5	190	ug/Kg
98-95-3	Nitrobenzene	35	U	35	47.5	190	ug/Kg
78-59-1	Isophorone	54	U	54	47.5	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	47.5	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	47.5	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	47.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	47.5	190	ug/Kg
91-20-3	Naphthalene	28	U	28	47.5	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	47.5	370	ug/Kg
87-68-3	Hexachlorobutadiene	49	U	49	47.5	190	ug/Kg
105-60-2	Caprolactam	81	U	81	92.3	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55	U	55	47.5	190	ug/Kg
90-12-0	1-Methylnaphthalene	37	U	37	47.5	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	47.5	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.3	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	47.5	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	47.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F23	SDG No.:	BP101124
Lab Sample ID:	P4237-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
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
BP022347.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	47.5	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	47.5	190	ug/Kg
88-74-4	2-Nitroaniline	46	U	46	47.5	190	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	47.5	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	49	U	49	47.5	190	ug/Kg
208-96-8	Acenaphthylene	36	U	36	47.5	190	ug/Kg
99-09-2	3-Nitroaniline	49	U	49	92.3	370	ug/Kg
83-32-9	Acenaphthene	32	U	32	47.5	190	ug/Kg
51-28-5	2,4-Dinitrophenol	54	U	54	92.3	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.3	370	ug/Kg
132-64-9	Dibenzofuran	36	U	36	47.5	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	48	U	48	47.5	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	47.5	190	ug/Kg
86-73-7	Fluorene	28	U	28	47.5	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.5	190	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	92.3	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	86	U	86	92.3	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	37	U	37	47.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	47.5	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	47.5	190	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	47.5	190	ug/Kg
1912-24-9	Atrazine	79	U	79	92.3	370	ug/Kg
87-86-5	Pentachlorophenol	83	U	83	92.3	370	ug/Kg
85-01-8	Phenanthrene	32	U	32	47.5	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	47.5	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.5	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	56	U	56	47.5	190	ug/Kg
86-74-8	Carbazole	31	U	31	92.3	370	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	47.5	190	ug/Kg
206-44-0	Fluoranthene	60	U	60	92.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F23	SDG No.:	BP101124
Lab Sample ID:	P4237-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
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
BP022347.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	47.5	190	ug/Kg
85-68-7	Butylbenzylphthalate	94	U	94	47.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54	U	54	92.3	370	ug/Kg
56-55-3	Benzo(a)anthracene	30	U	30	47.5	190	ug/Kg
218-01-9	Chrysene	35	U	35	47.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	47.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	85	U	85	92.3	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	47.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	47.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	47.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	47.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	47.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	47.5	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	47.5	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.232		15-120		28	SPK: -8
7291-22-7	Pyridine-d5	12.51		20-120		31	SPK: -40
4165-62-2	Phenol-d5	15.891		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.149		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.425		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	16.549		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	17.376		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.53		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.039		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.349		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.465		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	18.417		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.869		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	18.483		20-140		46	SPK: -40

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F23	SDG No.:	BP101124
Lab Sample ID:	P4237-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
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
BP022347.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.661		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	18.458		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	20.052		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.941		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	103954	7.699				
1146-65-2	Naphthalene-d8	402649	10.457				
15067-26-2	Acenaphthene-d10	320798	14.31				
1517-22-2	Phenanthrene-d10	788378	17.122				
1719-03-5	Chrysene-d12	808179	21.551				
1520-96-3	Perylene-d12	960081	24.851				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	370	J			15.698	
000057-10-3	n-Hexadecanoic acid	130	J			18.051	
001454-84-8	n-Nonadecanol-1	85	J			21.216	
E966796	Total Alkanes	27	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP101124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4E70								
P4237-02	A4E70	Solid	(DEL) Alkane: Cyclic18.945	*	160.000	J		
P4237-02	A4E70	Solid	1,1-Biphenyl, 2-methyl-	*	97.000	J		
P4237-02	A4E70	Solid	2,6,6-Trimethyl-2-cyclohexene-1,	*	170.000	J		
P4237-02	A4E70	Solid	9,10-Anthracenedione	*	200.000	J		
P4237-02	A4E70	Solid	Benzene, 1,4-dichloro-	*	630.000	J		
P4237-02	A4E70	Solid	Benzene, pentachloro-	*	82.000	J		
P4237-02	A4E70	Solid	Benzophenone	*	760.000	J		
P4237-02	A4E70	Solid	n-Hexadecanoic acid	*	340.000	J		
P4237-02	A4E70	Solid	Phenol, 2,3,5,6-tetrachloro-	*	71.000	J		
P4237-02	A4E70	Solid	Total Alkanes	*	160.000		24	170 ug/Kg
Total Tics :					2,670.00			
P4237-02	A4E70	Solid	2,4,5-Trichlorophenol		1,500.000		39	170 ug/Kg
P4237-02	A4E70	Solid	2,4,6-Trichlorophenol		6,700.000	E	49	170 ug/Kg
P4237-02	A4E70	Solid	2,4-Dichlorophenol		3,800.000	E	16	170 ug/Kg
P4237-02	A4E70	Solid	2,4-Dinitrotoluene		6,000.000	E	43	170 ug/Kg
P4237-02	A4E70	Solid	2,6-Dinitrotoluene		9,100.000	E	44	170 ug/Kg
P4237-02	A4E70	Solid	2-Chlorophenol		2,600.000		23	170 ug/Kg
P4237-02	A4E70	Solid	2-Methylnaphthalene		1,900.000		23	170 ug/Kg
P4237-02	A4E70	Solid	2-Nitrophenol		1,700.000		31	170 ug/Kg
P4237-02	A4E70	Solid	4-Bromophenyl-phenylether		1,600.000		29	170 ug/Kg
P4237-02	A4E70	Solid	4-Chloro-3-methylphenol		1,500.000		49	170 ug/Kg
P4237-02	A4E70	Solid	4-Chlorophenyl-phenylether		2,100.000		20	170 ug/Kg
P4237-02	A4E70	Solid	4-Nitrophenol		3,200.000		44	330 ug/Kg
P4237-02	A4E70	Solid	Acenaphthene		4,200.000	E	29	170 ug/Kg
P4237-02	A4E70	Solid	Acenaphthylene		740.000		32	170 ug/Kg
P4237-02	A4E70	Solid	Anthracene		1,700.000		25	170 ug/Kg
P4237-02	A4E70	Solid	Benzo(a)anthracene		4,700.000	E	27	170 ug/Kg
P4237-02	A4E70	Solid	Benzo(a)pyrene		1,500.000		32	170 ug/Kg
P4237-02	A4E70	Solid	Benzo(b)fluoranthene		6,500.000	E	33	170 ug/Kg
P4237-02	A4E70	Solid	Benzo(g,h,i)perylene		1,100.000		26	170 ug/Kg
P4237-02	A4E70	Solid	Bis(2-Chloroethoxy)methane		6,300.000	E	43	170 ug/Kg
P4237-02	A4E70	Solid	Bis(2-Chloroethyl)ether		6,100.000	E	40	330 ug/Kg
P4237-02	A4E70	Solid	Bis(2-ethylhexyl)phthalate		6,500.000	E	95	170 ug/Kg
P4237-02	A4E70	Solid	Butylbenzylphthalate		1,500.000		83	170 ug/Kg
P4237-02	A4E70	Solid	Chrysene		7,100.000	E	31	170 ug/Kg
P4237-02	A4E70	Solid	Di-n-butylphthalate		6,100.000	E	61	170 ug/Kg
P4237-02	A4E70	Solid	Dibenzo(a,h)anthracene		3,200.000	E	28	170 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP101124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4237-02	A4E70	Solid	Fluoranthene	5,800.000	E	54	170	ug/Kg
P4237-02	A4E70	Solid	Fluorene	6,400.000	E	25	170	ug/Kg
P4237-02	A4E70	Solid	Hexachlorobenzene	9,000.000	E	32	170	ug/Kg
P4237-02	A4E70	Solid	Hexachlorobutadiene	5,000.000	E	44	170	ug/Kg
P4237-02	A4E70	Solid	Hexachloroethane	3,700.000	E	18	170	ug/Kg
P4237-02	A4E70	Solid	Indeno(1,2,3-cd)pyrene	1,200.000		31	170	ug/Kg
P4237-02	A4E70	Solid	Isophorone	5,500.000	E	48	170	ug/Kg
P4237-02	A4E70	Solid	N-Nitroso-di-n-propylamine	6,200.000	E	51	170	ug/Kg
P4237-02	A4E70	Solid	Nitrobenzene	1,300.000		31	170	ug/Kg
P4237-02	A4E70	Solid	Pentachlorophenol	8,900.000	E	74	330	ug/Kg
P4237-02	A4E70	Solid	Phenanthrene	1,700.000		29	170	ug/Kg
P4237-02	A4E70	Solid	Phenol	1,100.000		43	330	ug/Kg
P4237-02	A4E70	Solid	Pyrene	2,400.000		49	170	ug/Kg

Total Svoc : 157,140.00

Total Concentration: 159,810.00

Client ID : A4E70DL

P4237-02DL	A4E70DL	Solid	Benzene, 1,4-dichloro-	*	6,200.000	JD		
P4237-02DL	A4E70DL	Solid	Benzophenone	*	750.000	JD		
P4237-02DL	A4E70DL	Solid	Total Alkanes	*	0.000	D	120	840 ug/Kg

Total Tics : 6,950.00

P4237-02DL	A4E70DL	Solid	2,4,5-Trichlorophenol		1,500.000	D	190	840 ug/Kg
P4237-02DL	A4E70DL	Solid	2,4,6-Trichlorophenol		6,500.000	D	240	840 ug/Kg
P4237-02DL	A4E70DL	Solid	2,4-Dichlorophenol		3,900.000	D	79	840 ug/Kg
P4237-02DL	A4E70DL	Solid	2,4-Dinitrotoluene		5,900.000	D	210	840 ug/Kg
P4237-02DL	A4E70DL	Solid	2,6-Dinitrotoluene		8,900.000	D	220	840 ug/Kg
P4237-02DL	A4E70DL	Solid	2-Chlorophenol		2,700.000	D	110	840 ug/Kg
P4237-02DL	A4E70DL	Solid	2-Methylnaphthalene		2,000.000	D	110	840 ug/Kg
P4237-02DL	A4E70DL	Solid	2-Nitrophenol		1,600.000	D	150	840 ug/Kg
P4237-02DL	A4E70DL	Solid	4-Bromophenyl-phenylether		1,500.000	D	140	840 ug/Kg
P4237-02DL	A4E70DL	Solid	4-Chloro-3-methylphenol		1,600.000	D	240	840 ug/Kg
P4237-02DL	A4E70DL	Solid	4-Chlorophenyl-phenylether		2,100.000	D	99	840 ug/Kg
P4237-02DL	A4E70DL	Solid	4-Nitrophenol		3,100.000	D	220	1600 ug/Kg
P4237-02DL	A4E70DL	Solid	Acenaphthene		4,300.000	D	140	840 ug/Kg
P4237-02DL	A4E70DL	Solid	Acenaphthylene		740.000	JD	160	840 ug/Kg
P4237-02DL	A4E70DL	Solid	Anthracene		1,700.000	D	120	840 ug/Kg
P4237-02DL	A4E70DL	Solid	Benzo(a)anthracene		4,700.000	D	130	840 ug/Kg
P4237-02DL	A4E70DL	Solid	Benzo(a)pyrene		1,500.000	D	160	840 ug/Kg
P4237-02DL	A4E70DL	Solid	Benzo(b)fluoranthene		6,600.000	D	160	840 ug/Kg
P4237-02DL	A4E70DL	Solid	Benzo(g,h,i)perylene		1,000.000	D	130	840 ug/Kg
P4237-02DL	A4E70DL	Solid	Bis(2-Chloroethoxy)methane		6,600.000	D	210	840 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP101124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4237-02DL	A4E70DL	Solid	Bis(2-Chloroethyl)ether	6,300.000	D	200	1600	ug/Kg
P4237-02DL	A4E70DL	Solid	Bis(2-ethylhexyl)phthalate	6,500.000	D	480	840	ug/Kg
P4237-02DL	A4E70DL	Solid	Butylbenzylphthalate	1,600.000	D	420	840	ug/Kg
P4237-02DL	A4E70DL	Solid	Chrysene	7,500.000	D	150	840	ug/Kg
P4237-02DL	A4E70DL	Solid	Di-n-butylphthalate	6,100.000	D	300	840	ug/Kg
P4237-02DL	A4E70DL	Solid	Dibenzo(a,h)anthracene	3,000.000	D	140	840	ug/Kg
P4237-02DL	A4E70DL	Solid	Fluoranthene	6,300.000	D	270	840	ug/Kg
P4237-02DL	A4E70DL	Solid	Fluorene	6,500.000	D	120	840	ug/Kg
P4237-02DL	A4E70DL	Solid	Hexachlorobenzene	8,600.000	D	160	840	ug/Kg
P4237-02DL	A4E70DL	Solid	Hexachlorobutadiene	4,800.000	D	220	840	ug/Kg
P4237-02DL	A4E70DL	Solid	Hexachloroethane	3,600.000	D	89	840	ug/Kg
P4237-02DL	A4E70DL	Solid	Indeno(1,2,3-cd)pyrene	1,200.000	D	150	840	ug/Kg
P4237-02DL	A4E70DL	Solid	Isophorone	5,900.000	D	240	840	ug/Kg
P4237-02DL	A4E70DL	Solid	N-Nitroso-di-n-propylamine	6,600.000	D	250	840	ug/Kg
P4237-02DL	A4E70DL	Solid	Nitrobenzene	1,300.000	D	150	840	ug/Kg
P4237-02DL	A4E70DL	Solid	Pentachlorophenol	8,000.000	D	370	1600	ug/Kg
P4237-02DL	A4E70DL	Solid	Phenanthrene	1,700.000	D	140	840	ug/Kg
P4237-02DL	A4E70DL	Solid	Phenol	1,100.000	JD	210	1600	ug/Kg
P4237-02DL	A4E70DL	Solid	Pyrene	2,500.000	D	240	840	ug/Kg

Total Svoc : 157,540.00

Total Concentration: 164,490.00

Client ID : A4F10

P4237-05	A4F10	Solid	Benzophenone	*	340.000	J		
P4237-05	A4F10	Solid	n-Hexadecanoic acid	*	150.000	J		
P4237-05	A4F10	Solid	Total Alkanes	*	0.000	41	290	ug/Kg

Total Tics : 490.00

P4237-05	A4F10	Solid	Acetophenone		71.000	J	69	570	ug/Kg
P4237-05	A4F10	Solid	Benzo(a)anthracene		94.000	J	46	290	ug/Kg
P4237-05	A4F10	Solid	Benzo(b)fluoranthene		130.000	J	57	290	ug/Kg
P4237-05	A4F10	Solid	Chrysene		110.000	J	53	290	ug/Kg
P4237-05	A4F10	Solid	Fluoranthene		210.000	J	93	290	ug/Kg
P4237-05	A4F10	Solid	Phenanthrene		110.000	J	50	290	ug/Kg
P4237-05	A4F10	Solid	Pyrene		150.000	J	84	290	ug/Kg

Total Svoc : 875.00

Total Concentration: 1,365.00

Client ID : A4F11

P4237-06	A4F11	Solid	Total Alkanes	*	0.000	28	200	ug/Kg
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Total Tics : 0.00

Total Concentration: 0.00

Hit Summary Sheet SW-846

SDG No.: BP101124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4F22								
P4237-08	A4F22	Solid	(DEL) Alkane: Straight-Chain21.2 *	110.000	J			
P4237-08	A4F22	Solid	Benzophenone *	340.000	J			
P4237-08	A4F22	Solid	n-Hexadecanoic acid *	150.000	J			
P4237-08	A4F22	Solid	Total Alkanes *	110.000		39	280	ug/Kg
Total Tics :				710.00				
P4237-08	A4F22	Solid	Acetophenone	77.000	J	65	540	ug/Kg
P4237-08	A4F22	Solid	Benzo(a)anthracene	62.000	J	44	280	ug/Kg
P4237-08	A4F22	Solid	Benzo(b)fluoranthene	90.000	J	54	280	ug/Kg
P4237-08	A4F22	Solid	Chrysene	75.000	J	50	280	ug/Kg
P4237-08	A4F22	Solid	Fluoranthene	140.000	J	88	280	ug/Kg
P4237-08	A4F22	Solid	Phenanthrene	66.000	J	47	280	ug/Kg
P4237-08	A4F22	Solid	Pyrene	110.000	J	80	280	ug/Kg
Total Svoc :				620.00				
Total Concentration:				1,330.00				
Client ID : A4F23								
P4237-09	A4F23	Solid	Benzophenone *	370.000	J			
P4237-09	A4F23	Solid	n-Hexadecanoic acid *	130.000	J			
P4237-09	A4F23	Solid	n-Nonadecanol-1 *	85.000	J			
P4237-09	A4F23	Solid	Total Alkanes *	0.000		27	190	ug/Kg
Total Tics :				585.00				
Total Concentration:				585.00				
Client ID : A4F26								
P4237-11	A4F26	Solid	1-Propene, 3-(2-cyclopentenyl)-2- *	130.000	J			
P4237-11	A4F26	Solid	1H-Indole, 1-methyl-2-phenyl- *	250.000	J			
P4237-11	A4F26	Solid	Benzophenone *	260.000	J			
P4237-11	A4F26	Solid	Bicyclo[4.2.0]octa-1,3,5-triene *	180.000	J			
P4237-11	A4F26	Solid	Cyclohexane, 1,3,5-triphenyl- *	150.000	J			
P4237-11	A4F26	Solid	Methadone N-oxide *	360.000	J			
P4237-11	A4F26	Solid	Total Alkanes *	0.000		44	310	ug/Kg
Total Tics :				1,330.00				
P4237-11	A4F26	Solid	Acetophenone	84.000	J	73	600	ug/Kg
P4237-11	A4F26	Solid	Benzo(b)fluoranthene	64.000	J	60	310	ug/Kg
Total Svoc :				148.00				
Total Concentration:				1,478.00				
Client ID : A4F32								
P4237-12	A4F32	Solid	(DEL) Alkane: Straight-Chain21.2 *	150.000	J			
P4237-12	A4F32	Solid	Benzophenone *	380.000	J			
P4237-12	A4F32	Solid	n-Hexadecanoic acid *	180.000	J			

Hit Summary Sheet SW-846

SDG No.: BP101124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4237-12	A4F32	Solid	Total Alkanes	*	150.000	35	250	ug/Kg
Total Tics :				860.00				
Total Concentration:				860.00				
Client ID : A4EN9								
P4237-16	A4EN9	Solid	(DEL) Alkane: Cyclic21.216	*	170.000	J		
P4237-16	A4EN9	Solid	Benzophenone	*	460.000	J		
P4237-16	A4EN9	Solid	n-Hexadecanoic acid	*	240.000	J		
P4237-16	A4EN9	Solid	Total Alkanes	*	170.000	35	250	ug/Kg
Total Tics :				1,040.00				
Total Concentration:				1,040.00				
Client ID : A4EP6								
P4237-17	A4EP6	Solid	Benzophenone	*	230.000	J		
P4237-17	A4EP6	Solid	n-Hexadecanoic acid	*	120.000	J		
P4237-17	A4EP6	Solid	Total Alkanes	*	0.000	41	290	ug/Kg
Total Tics :				350.00				
P4237-17	A4EP6	Solid	Benzo(a)anthracene		170.000	J 47	290	ug/Kg
P4237-17	A4EP6	Solid	Benzo(a)pyrene		120.000	J 55	290	ug/Kg
P4237-17	A4EP6	Solid	Benzo(b)fluoranthene		300.000	57	290	ug/Kg
P4237-17	A4EP6	Solid	Benzo(k)fluoranthene		130.000	J 66	290	ug/Kg
P4237-17	A4EP6	Solid	Chrysene		250.000	J 53	290	ug/Kg
P4237-17	A4EP6	Solid	Fluoranthene		480.000	93	290	ug/Kg
P4237-17	A4EP6	Solid	Indeno(1,2,3-cd)pyrene		94.000	J 53	290	ug/Kg
P4237-17	A4EP6	Solid	Phenanthrene		180.000	J 50	290	ug/Kg
P4237-17	A4EP6	Solid	Pyrene		320.000	84	290	ug/Kg
Total Svoc :				2,044.00				
Total Concentration:				2,394.00				
Client ID : A4EP7								
P4237-18	A4EP7	Solid	Benzophenone	*	410.000	J		
P4237-18	A4EP7	Solid	n-Hexadecanoic acid	*	140.000	J		
P4237-18	A4EP7	Solid	Total Alkanes	*	0.000	32	230	ug/Kg
Total Tics :				550.00				
Total Concentration:				550.00				
Client ID : A4EQ0								
P4237-19	A4EQ0	Solid	Benzophenone	*	360.000	J		
P4237-19	A4EQ0	Solid	n-Hexadecanoic acid	*	240.000	J		
P4237-19	A4EQ0	Solid	Total Alkanes	*	0.000	48	340	ug/Kg
Total Tics :				600.00				
P4237-19	A4EQ0	Solid	Benzo(a)anthracene		260.000	J 54	340	ug/Kg
P4237-19	A4EQ0	Solid	Benzo(a)pyrene		190.000	J 64	340	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP101124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4237-19	A4EQ0	Solid	Benzo(b)fluoranthene	370.000		66	340	ug/Kg
P4237-19	A4EQ0	Solid	Benzo(k)fluoranthene	150.000	J	76	340	ug/Kg
P4237-19	A4EQ0	Solid	Chrysene	300.000	J	62	340	ug/Kg
P4237-19	A4EQ0	Solid	Fluoranthene	640.000		110	340	ug/Kg
P4237-19	A4EQ0	Solid	Indeno(1,2,3-cd)pyrene	120.000	J	62	340	ug/Kg
P4237-19	A4EQ0	Solid	Phenanthrene	310.000	J	58	340	ug/Kg
P4237-19	A4EQ0	Solid	Pyrene	480.000		98	340	ug/Kg

Total Svoc : 2,820.00

Total Concentration: 3,420.00

Client ID : A4EQ7

P4237-20	A4EQ7	Solid	Benzophenone	*	290.000	J		
P4237-20	A4EQ7	Solid	n-Hexadecanoic acid	*	210.000	J		
P4237-20	A4EQ7	Solid	unknown-01	*	120.000	J		
P4237-20	A4EQ7	Solid	Total Alkanes	*	0.000	40	280	ug/Kg

Total Tics : 620.00

P4237-20	A4EQ7	Solid	Anthracene		72.000	J	42	280	ug/Kg
P4237-20	A4EQ7	Solid	Benzo(a)anthracene		250.000	J	45	280	ug/Kg
P4237-20	A4EQ7	Solid	Benzo(a)pyrene		180.000	J	53	280	ug/Kg
P4237-20	A4EQ7	Solid	Benzo(b)fluoranthene		360.000		55	280	ug/Kg
P4237-20	A4EQ7	Solid	Benzo(k)fluoranthene		120.000	J	63	280	ug/Kg
P4237-20	A4EQ7	Solid	Bis(2-ethylhexyl)phthalate		190.000	J	160	280	ug/Kg
P4237-20	A4EQ7	Solid	Chrysene		300.000		52	280	ug/Kg
P4237-20	A4EQ7	Solid	Fluoranthene		610.000		90	280	ug/Kg
P4237-20	A4EQ7	Solid	Indeno(1,2,3-cd)pyrene		120.000	J	52	280	ug/Kg
P4237-20	A4EQ7	Solid	Phenanthrene		340.000		48	280	ug/Kg
P4237-20	A4EQ7	Solid	Pyrene		440.000		82	280	ug/Kg

Total Svoc : 2,982.00

Total Concentration: 3,602.00

Client ID : A4E73

P4239-14	A4E73	Solid	1,1-Biphenyl, 2-methyl-	*	73.000	J		
P4239-14	A4E73	Solid	2,6,6-Trimethyl-2-cyclohexene-1,	*	140.000	J		
P4239-14	A4E73	Solid	9,10-Anthracenedione	*	120.000	J		
P4239-14	A4E73	Solid	Benzene, 1,2-dichloro-	*	660.000	J		
P4239-14	A4E73	Solid	Benzophenone	*	440.000	J		
P4239-14	A4E73	Solid	Indeno[1,2,3-cd]fluoranthene	*	320.000	J		
P4239-14	A4E73	Solid	n-Hexadecanoic acid	*	260.000	J		
P4239-14	A4E73	Solid	Total Alkanes	*	0.000	24	170	ug/Kg

Total Tics : 2,013.00

P4239-14	A4E73	Solid	2,4,5-Trichlorophenol		1,200.000		39	170	ug/Kg
P4239-14	A4E73	Solid	2,4,6-Trichlorophenol		5,000.000	E	49	170	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BP101124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4239-14	A4E73	Solid	2,4-Dichlorophenol	3,100.000	E	16	170	ug/Kg
P4239-14	A4E73	Solid	2,4-Dinitrotoluene	4,500.000	E	43	170	ug/Kg
P4239-14	A4E73	Solid	2,6-Dinitrotoluene	7,000.000	E	44	170	ug/Kg
P4239-14	A4E73	Solid	2-Chlorophenol	2,700.000	E	23	170	ug/Kg
P4239-14	A4E73	Solid	2-Methylnaphthalene	1,600.000		23	170	ug/Kg
P4239-14	A4E73	Solid	2-Nitrophenol	1,400.000		31	170	ug/Kg
P4239-14	A4E73	Solid	4-Bromophenyl-phenylether	1,200.000		29	170	ug/Kg
P4239-14	A4E73	Solid	4-Chloro-3-methylphenol	1,200.000		49	170	ug/Kg
P4239-14	A4E73	Solid	4-Chlorophenyl-phenylether	1,600.000		20	170	ug/Kg
P4239-14	A4E73	Solid	4-Nitrophenol	2,600.000		44	330	ug/Kg
P4239-14	A4E73	Solid	Acenaphthene	3,200.000	E	29	170	ug/Kg
P4239-14	A4E73	Solid	Acenaphthylene	560.000		32	170	ug/Kg
P4239-14	A4E73	Solid	Anthracene	1,200.000		25	170	ug/Kg
P4239-14	A4E73	Solid	Benzo(a)anthracene	3,400.000	E	27	170	ug/Kg
P4239-14	A4E73	Solid	Benzo(a)pyrene	1,100.000		32	170	ug/Kg
P4239-14	A4E73	Solid	Benzo(b)fluoranthene	4,600.000	E	33	170	ug/Kg
P4239-14	A4E73	Solid	Benzo(g,h,i)perylene	770.000		26	170	ug/Kg
P4239-14	A4E73	Solid	Bis(2-Chloroethoxy)methane	5,200.000	E	43	170	ug/Kg
P4239-14	A4E73	Solid	Bis(2-Chloroethyl)ether	5,800.000	E	40	330	ug/Kg
P4239-14	A4E73	Solid	Bis(2-ethylhexyl)phthalate	4,600.000	E	96	170	ug/Kg
P4239-14	A4E73	Solid	Butylbenzylphthalate	1,100.000		84	170	ug/Kg
P4239-14	A4E73	Solid	Chrysene	5,300.000	E	31	170	ug/Kg
P4239-14	A4E73	Solid	Di-n-butylphthalate	4,300.000	E	61	170	ug/Kg
P4239-14	A4E73	Solid	Dibenzo(a,h)anthracene	2,200.000		28	170	ug/Kg
P4239-14	A4E73	Solid	Fluoranthene	4,500.000	E	54	170	ug/Kg
P4239-14	A4E73	Solid	Fluorene	4,900.000	E	25	170	ug/Kg
P4239-14	A4E73	Solid	Hexachlorobenzene	6,600.000	E	32	170	ug/Kg
P4239-14	A4E73	Solid	Hexachlorobutadiene	4,200.000	E	44	170	ug/Kg
P4239-14	A4E73	Solid	Hexachloroethane	3,900.000	E	18	170	ug/Kg
P4239-14	A4E73	Solid	Indeno(1,2,3-cd)pyrene	860.000		31	170	ug/Kg
P4239-14	A4E73	Solid	Isophorone	4,400.000	E	48	170	ug/Kg
P4239-14	A4E73	Solid	N-Nitroso-di-n-propylamine	5,400.000	E	51	170	ug/Kg
P4239-14	A4E73	Solid	Nitrobenzene	1,100.000		31	170	ug/Kg
P4239-14	A4E73	Solid	Pentachlorophenol	6,200.000	E	74	330	ug/Kg
P4239-14	A4E73	Solid	Phenanthrene	1,200.000		29	170	ug/Kg
P4239-14	A4E73	Solid	Phenol	1,000.000		43	330	ug/Kg
P4239-14	A4E73	Solid	Pyrene	1,900.000		49	170	ug/Kg

Total Svoc : **122,590.00**

Total Concentration: **124,603.00**

Client ID : A4E73DL

Hit Summary Sheet
SW-846

SDG No.: BP101124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4239-14DL	A4E73DL	Solid	Benzene, 1,3-dichloro-	*	5,700.000	JD		
P4239-14DL	A4E73DL	Solid	Benzophenone	*	410.000	JD		
P4239-14DL	A4E73DL	Solid	Total Alkanes	*	0.000	D 120	850	ug/Kg
Total Tics :				6,110.00				
P4239-14DL	A4E73DL	Solid	2,4,5-Trichlorophenol		1,000.000	D 190	850	ug/Kg
P4239-14DL	A4E73DL	Solid	2,4,6-Trichlorophenol		4,500.000	D 240	850	ug/Kg
P4239-14DL	A4E73DL	Solid	2,4-Dichlorophenol		2,900.000	D 80	850	ug/Kg
P4239-14DL	A4E73DL	Solid	2,4-Dinitrotoluene		4,100.000	D 210	850	ug/Kg
P4239-14DL	A4E73DL	Solid	2,6-Dinitrotoluene		6,300.000	D 220	850	ug/Kg
P4239-14DL	A4E73DL	Solid	2-Chlorophenol		2,500.000	D 110	850	ug/Kg
P4239-14DL	A4E73DL	Solid	2-Methylnaphthalene		1,500.000	D 110	850	ug/Kg
P4239-14DL	A4E73DL	Solid	2-Nitrophenol		1,200.000	D 150	850	ug/Kg
P4239-14DL	A4E73DL	Solid	4-Bromophenyl-phenylether		1,100.000	D 140	850	ug/Kg
P4239-14DL	A4E73DL	Solid	4-Chloro-3-methylphenol		1,100.000	D 240	850	ug/Kg
P4239-14DL	A4E73DL	Solid	4-Chlorophenyl-phenylether		1,500.000	D 100	850	ug/Kg
P4239-14DL	A4E73DL	Solid	4-Nitrophenol		2,100.000	D 220	1600	ug/Kg
P4239-14DL	A4E73DL	Solid	Acenaphthene		3,000.000	D 140	850	ug/Kg
P4239-14DL	A4E73DL	Solid	Acenaphthylene		520.000	JD 160	850	ug/Kg
P4239-14DL	A4E73DL	Solid	Anthracene		1,200.000	D 120	850	ug/Kg
P4239-14DL	A4E73DL	Solid	Benzo(a)anthracene		3,300.000	D 130	850	ug/Kg
P4239-14DL	A4E73DL	Solid	Benzo(a)pyrene		1,000.000	D 160	850	ug/Kg
P4239-14DL	A4E73DL	Solid	Benzo(b)fluoranthene		4,400.000	D 160	850	ug/Kg
P4239-14DL	A4E73DL	Solid	Benzo(g,h,i)perylene		700.000	JD 130	850	ug/Kg
P4239-14DL	A4E73DL	Solid	Bis(2-Chloroethoxy)methane		5,000.000	D 210	850	ug/Kg
P4239-14DL	A4E73DL	Solid	Bis(2-Chloroethyl)ether		5,600.000	D 200	1600	ug/Kg
P4239-14DL	A4E73DL	Solid	Bis(2-ethylhexyl)phthalate		4,600.000	D 480	850	ug/Kg
P4239-14DL	A4E73DL	Solid	Butylbenzylphthalate		1,100.000	D 420	850	ug/Kg
P4239-14DL	A4E73DL	Solid	Chrysene		5,200.000	D 150	850	ug/Kg
P4239-14DL	A4E73DL	Solid	Di-n-butylphthalate		4,200.000	D 300	850	ug/Kg
P4239-14DL	A4E73DL	Solid	Dibenzo(a,h)anthracene		2,000.000	D 140	850	ug/Kg
P4239-14DL	A4E73DL	Solid	Fluoranthene		4,400.000	D 270	850	ug/Kg
P4239-14DL	A4E73DL	Solid	Fluorene		4,700.000	D 120	850	ug/Kg
P4239-14DL	A4E73DL	Solid	Hexachlorobenzene		6,000.000	D 160	850	ug/Kg
P4239-14DL	A4E73DL	Solid	Hexachlorobutadiene		3,900.000	D 220	850	ug/Kg
P4239-14DL	A4E73DL	Solid	Hexachloroethane		3,600.000	D 90	850	ug/Kg
P4239-14DL	A4E73DL	Solid	Indeno(1,2,3-cd)pyrene		790.000	JD 150	850	ug/Kg
P4239-14DL	A4E73DL	Solid	Isophorone		4,300.000	D 240	850	ug/Kg
P4239-14DL	A4E73DL	Solid	N-Nitroso-di-n-propylamine		5,300.000	D 250	850	ug/Kg
P4239-14DL	A4E73DL	Solid	Nitrobenzene		1,000.000	D 150	850	ug/Kg
P4239-14DL	A4E73DL	Solid	Pentachlorophenol		5,500.000	D 370	1600	ug/Kg



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

Hit Summary Sheet
SW-846

SDG No.: BP101124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4239-14DL	A4E73DL	Solid	Phenanthrene	1,200.000	D	140	850	ug/Kg
P4239-14DL	A4E73DL	Solid	Phenol	970.000	JD	210	1600	ug/Kg
P4239-14DL	A4E73DL	Solid	Pyrene	1,800.000	D	240	850	ug/Kg
Total Svoc :				115,080.00				
Total Concentration:				121,190.00				

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.: BP100724SAS No.: BP100724SDG 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.: BP101124 SAS No.: BP101124 SDG NO.: BP101124

EPA Sample No.: SSTD020623 Date Analyzed: Oct 11 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 11:42

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	SBLK830	108590	7.70	394354	10.46	305930	14.31
02	A4E70	92573	7.70	337076	10.46	247365	14.31
03	A4E70DL	90595	7.68	338593	10.44	266237	14.30
04	A4E73	82750	7.70	319111	10.46	253420	14.31
05	A4E73DL	97420	7.67	376009	10.43	299180	14.29
06	A4F10	103544	7.68	388722	10.45	293632	14.32
07	SBLK830	91720	7.70	350296	10.46	285931	14.30
08	A4EQ7	96302	7.70	372177	10.46	292323	14.32
09	A4F26	101807	7.70	390090	10.46	309461	14.32
10	A4F32	116211	7.70	431177	10.47	330530	14.32
11	A4EN9	101991	7.71	376725	10.46	285066	14.31
12	A4EP6	100324	7.70	379895	10.46	309628	14.30
13	A4EQ0	110789	7.70	430226	10.46	334785	14.31
14	A4F22	104043	7.70	408795	10.46	332149	14.31
15	A4F11	117036	7.70	429793	10.46	334425	14.31
16	A4EP7	96438	7.70	362817	10.46	287655	14.31
17	A4F23	103954	7.70	402649	10.46	320798	14.31

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP101124 SAS No.: BP101124 SDG NO.: BP101124

EPA Sample No.: SSTD020623 Date Analyzed: Oct 11 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 23:39

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.						

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.: BP101124 SAS No.: BP101124 SDG NO.: BP101124

EPA Sample No.: SSTD020797 Date Analyzed: Oct 11 2024 12:00AM

Lab File ID: BP022329.D Time Analyzed: 11:42

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	109441	7.693	409359	10.46	336578	14.31
UPPER LIMIT	218882	8.193	818718	10.957	673156	14.81
LOWER LIMIT	54720.5	7.193	204679.5	9.957	168289	13.81
EPA SAMPLE NO.						
01 SBLK830	108590	7.70	394354	10.46	305930	14.31
02 A4E70	92573	7.70	337076	10.46	247365	14.31
03 A4E70DL	90595	7.68	338593	10.44	266237	14.30
04 A4E73	82750	7.70	319111	10.46	253420	14.31
05 A4E73DL	97420	7.67	376009	10.43	299180	14.29
06 A4F10	103544	7.68	388722	10.45	293632	14.32

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.: BP101124 SAS No.: BP101124 SDG NO.: BP101124

EPA Sample No.: SSTD020798 Date Analyzed: Oct 11 2024 12:00AM

Lab File ID: BP022336.D Time Analyzed: 16:49

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	122686	7.699	449728	10.46	344722	14.31
UPPER LIMIT	245372	8.199	899456	10.957	689444	14.81
LOWER LIMIT	61343	7.199	224864	9.957	172361	13.81
EPA SAMPLE NO.						
01 SBLK830	91720	7.70	350296	10.46	285931	14.30
02 A4EQ7	96302	7.70	372177	10.46	292323	14.32
03 A4F26	101807	7.70	390090	10.46	309461	14.32
04 A4F32	116211	7.70	431177	10.47	330530	14.32
05 A4EN9	101991	7.71	376725	10.46	285066	14.31
06 A4EP6	100324	7.70	379895	10.46	309628	14.30
07 A4EQ0	110789	7.70	430226	10.46	334785	14.31
08 A4F22	104043	7.70	408795	10.46	332149	14.31
09 A4F11	117036	7.70	429793	10.46	334425	14.31
10 A4EP7	96438	7.70	362817	10.46	287655	14.31
11 A4F23	103954	7.70	402649	10.46	320798	14.31

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.: BP101124 SAS No.: BP101124 SDG NO.: BP101124

EPA Sample No.: SSTD020623 Date Analyzed: Oct 11 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 11:42

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	SBLK830	745952	17.10	831830	21.55	921195	24.83
02	A4E70	600862	17.11	700782	21.56	848666	24.85
03	A4E70DL	671695	17.10	731475	21.55	875653	24.84
04	A4E73	620998	17.10	661278	21.55	834869	24.83
05	A4E73DL	726208	17.11	761058	21.55	915835	24.84
06	A4F10	712522	17.11	773883	21.55	918285	24.86
07	SBLK830	737380	17.11	814221	21.55	918387	24.85
08	A4EQ7	702230	17.12	780512	21.56	958964	24.85
09	A4F26	752253	17.10	807116	21.55	948546	24.84
10	A4F32	788273	17.11	822017	21.55	956681	24.85
11	A4EN9	685178	17.10	758326	21.55	914082	24.84
12	A4EP6	783563	17.12	833698	21.54	1.01264e+	24.83
13	A4EQ0	783506	17.11	787731	21.56	937808	24.84
14	A4F22	787425	17.10	779630	21.55	951285	24.83
15	A4F11	803198	17.11	845319	21.55	979787	24.85
16	A4EP7	731402	17.11	800181	21.55	948112	24.84
17	A4F23	788378	17.12	808179	21.55	960081	24.85

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP101124 SAS No.: BP101124 SDG NO.: BP101124

EPA Sample No.: SSTD020623 Date Analyzed: Oct 11 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 23:39

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.						

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.: BP101124 SAS No.: BP101124 SDG NO.: BP101124

EPA Sample No.: SSTD020797 Date Analyzed: Oct 11 2024 12:00AM

Lab File ID: BP022329.D Time Analyzed: 11:42

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	841381	17.11	940365	21.545	1.06412e+01	24.833
UPPER LIMIT	1682762	17.61	1880730	22.045	2128240	25.333
LOWER LIMIT	420690.5	16.61	470182.5	21.045	532060	24.333
EPA SAMPLE NO.						
01 SBLK830	745952	17.10	831830	21.55	921195	24.83
02 A4E70	600862	17.11	700782	21.56	848666	24.85
03 A4E70DL	671695	17.10	731475	21.55	875653	24.84
04 A4E73	620998	17.10	661278	21.55	834869	24.83
05 A4E73DL	726208	17.11	761058	21.55	915835	24.84
06 A4F10	712522	17.11	773883	21.55	918285	24.86

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.: BP101124 SAS No.: BP101124 SDG NO.: BP101124

EPA Sample No.: SSTD020798 Date Analyzed: Oct 11 2024 12:00AM

Lab File ID: BP022336.D Time Analyzed: 16:49

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	850354	17.116	936364	21.557	1.0866e+001	24.845
UPPER LIMIT	1700708	17.616	1872728	22.057	2173200	25.345
LOWER LIMIT	425177	16.616	468182	21.057	543300	24.345
EPA SAMPLE NO.						
01 SBLK830	737380	17.11	814221	21.55	918387	24.85
02 A4EQ7	702230	17.12	780512	21.56	958964	24.85
03 A4F26	752253	17.10	807116	21.55	948546	24.84
04 A4F32	788273	17.11	822017	21.55	956681	24.85
05 A4EN9	685178	17.10	758326	21.55	914082	24.84
06 A4EP6	783563	17.12	833698	21.54	1.01264e+	24.83
07 A4EQ0	783506	17.11	787731	21.56	937808	24.84
08 A4F22	787425	17.10	779630	21.55	951285	24.83
09 A4F11	803198	17.11	845319	21.55	979787	24.85
10 A4EP7	731402	17.11	800181	21.55	948112	24.84
11 A4F23	788378	17.12	808179	21.55	960081	24.85

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 LOWER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK830

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP101124

SAS No.: BP101124 SDG NO.: BP101124

Lab File ID: BP022337.D

Lab Sample ID: PB163830BL

Instrument ID: BNA_P

Date Extracted: 10/01/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/11/2024

Level: (low/med) LOW

Time Analyzed: 16:49

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4E70	P4237-02	BP022331.D	10/11/2024
A4F10	P4237-05	BP022335.D	10/11/2024
A4EQ7	P4237-20	BP022338.D	10/11/2024
A4F26	P4237-11	BP022339.D	10/11/2024
A4F32	P4237-12	BP022340.D	10/11/2024
A4EN9	P4237-16	BP022341.D	10/11/2024
A4EP6	P4237-17	BP022342.D	10/11/2024
A4EQ0	P4237-19	BP022343.D	10/11/2024
A4F22	P4237-08	BP022344.D	10/11/2024
A4F11	P4237-06	BP022345.D	10/11/2024
A4EP7	P4237-18	BP022346.D	10/11/2024
A4F23	P4237-09	BP022347.D	10/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4E73

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP101124

SAS No.: BP101124 SDG NO.: BP101124

Lab File ID: BP022333.D

Lab Sample ID: P4239-14

Instrument ID: BNA_P

Date Extracted: 10/03/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/11/2024

Level: (low/med) LOW

Time Analyzed: 13:52

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4E73	P4239-14	BP022333.D	10/11/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BP101124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4237-02	A4E70	BP022331.D	1,4-Dioxane-d8	8	1.82	23		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	26.03	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.66	69		10	150
			2-Chlorophenol-d4	40	27.51	69		15	120
			4-Methylphenol-d8	40	28.66	72		10	140
			Nitrobenzene-d5	40	33.61	84		10	135
			2-Nitrophenol-d4	40	31.41	79		10	120
			2,4-Dichlorophenol-d3	40	36.80	92		10	140
			4-Chloroaniline-d4	40	15.48	39		1	145
			Dimethylphthalate-d6	40	32.97	82		10	145
			Acenaphthylene-d8	40	37.58	94		15	120
			4-Nitrophenol-d4	40	30.80	77		10	150
			Fluorene-d10	40	39.86	100		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.38	61		10	130
			Anthracene-d10	40	42.01	105		10	150
			Pyrene-d10	40	42.92	107		10	130
			Benzo(a)pyrene-d12	40	42.92	107		10	140
P4237-02DL	A4E70DL	BP022332.D	1,4-Dioxane-d8	8	2.21	28		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	25.80	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.68	69		10	150
			2-Chlorophenol-d4	40	27.31	68		15	120
			4-Methylphenol-d8	40	29.17	73		10	140
			Nitrobenzene-d5	40	31.44	79		10	135
			2-Nitrophenol-d4	40	29.32	73		10	120
			2,4-Dichlorophenol-d3	40	36.05	90		10	140
			4-Chloroaniline-d4	40	15.30	38		1	145
			Dimethylphthalate-d6	40	32.85	82		10	145
			Acenaphthylene-d8	40	36.80	92		15	120
			4-Nitrophenol-d4	40	28.12	70		10	150
			Fluorene-d10	40	40.49	101		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.06	45		10	130
			Anthracene-d10	40	41.58	104		10	150
			Pyrene-d10	40	44.65	112		10	130
			Benzo(a)pyrene-d12	40	41.76	104		10	140
P4237-05	A4F10	BP022335.D	1,4-Dioxane-d8	8	1.65	21		15	120
			Pyridine-d5	40	1.34	3	*	20	120
			Phenol-d5	40	9.38	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.62	24		10	150
			2-Chlorophenol-d4	40	10.29	26		15	120
			4-Methylphenol-d8	40	8.99	22		10	140
			Nitrobenzene-d5	40	10.29	26		10	135
			2-Nitrophenol-d4	40	10.28	26		10	120
			2,4-Dichlorophenol-d3	40	10.05	25		10	140
			4-Chloroaniline-d4	40	7.25	18		1	145
			Dimethylphthalate-d6	40	10.68	27		10	145
			Acenaphthylene-d8	40	10.56	26		15	120
			4-Nitrophenol-d4	40	7.50	19		10	150

Surrogate Summary

SW-846

SDG No.: BP101124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4237-05	A4F10	BP022335.D	Fluorene-d10	40	11.02	28		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.92	17		10	130
			Anthracene-d10	40	11.41	29		10	150
			Pyrene-d10	40	10.87	27		10	130
			Benzo(a)pyrene-d12	40	7.73	19		10	140
P4237-06	A4F11	BP022345.D	1,4-Dioxane-d8	8	1.58	20		15	120
			Pyridine-d5	40	1.52	4	*	20	120
			Phenol-d5	40	10.04	25		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.70	24		10	150
			2-Chlorophenol-d4	40	10.79	27		15	120
			4-Methylphenol-d8	40	9.58	24		10	140
			Nitrobenzene-d5	40	10.88	27		10	135
			2-Nitrophenol-d4	40	11.24	28		10	120
			2,4-Dichlorophenol-d3	40	11.31	28		10	140
			4-Chloroaniline-d4	40	9.01	23		1	145
			Dimethylphthalate-d6	40	11.41	29		10	145
			Acenaphthylene-d8	40	11.46	29		15	120
			4-Nitrophenol-d4	40	8.81	22		10	150
			Fluorene-d10	40	12.00	30		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.97	17		10	130
			Anthracene-d10	40	12.07	30		10	150
			Pyrene-d10	40	11.71	29		10	130
			Benzo(a)pyrene-d12	40	8.29	21		10	140
			Pyridine-d5	40	1.22	3	*	20	120
			1,4-Dioxane-d8	8	1.73	22		15	120
P4237-08	A4F22	BP022344.D	Phenol-d5	40	11.08	28		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.99	27		10	150
			2-Chlorophenol-d4	40	11.73	29		15	120
			4-Methylphenol-d8	40	10.05	25		10	140
			Nitrobenzene-d5	40	11.44	29		10	135
			2-Nitrophenol-d4	40	12.11	30		10	120
			2,4-Dichlorophenol-d3	40	11.41	29		10	140
			4-Chloroaniline-d4	40	9.20	23		1	145
			Dimethylphthalate-d6	40	11.70	29		10	145
			Acenaphthylene-d8	40	12.03	30		15	120
			4-Nitrophenol-d4	40	9.37	23		10	150
			Fluorene-d10	40	12.38	31		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.49	19		10	130
			Anthracene-d10	40	12.52	31		10	150
			Pyrene-d10	40	12.47	31		10	130
			Benzo(a)pyrene-d12	40	8.71	22		10	140
P4237-09	A4F23	BP022347.D	1,4-Dioxane-d8	8	2.23	28		15	120
			Pyridine-d5	40	12.51	31		20	120
			Phenol-d5	40	15.89	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.15	38		10	150
			2-Chlorophenol-d4	40	16.43	41		15	120
			4-Methylphenol-d8	40	16.55	41		10	140
			Nitrobenzene-d5	40	17.38	43		10	135
			2-Nitrophenol-d4	40	17.53	44		10	120

Surrogate Summary

SW-846

SDG No.: BP101124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4237-09	A4F23	BP022347.D	2,4-Dichlorophenol-d3	40	17.04	43		10	140
			4-Chloroaniline-d4	40	16.35	41		1	145
			Dimethylphthalate-d6	40	17.47	44		10	145
			Acenaphthylene-d8	40	18.42	46		15	120
			4-Nitrophenol-d4	40	14.87	37		10	150
			Fluorene-d10	40	18.48	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.66	29		10	130
			Anthracene-d10	40	18.46	46		10	150
			Pyrene-d10	40	20.05	50		10	130
			Benzo(a)pyrene-d12	40	18.94	47		10	140
P4237-11	A4F26	BP022339.D	Pyridine-d5	40	0.52	1	*	20	120
			1,4-Dioxane-d8	8	1.73	22		15	120
			Phenol-d5	40	9.21	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	8.98	22		10	150
			2-Chlorophenol-d4	40	9.83	25		15	120
			4-Methylphenol-d8	40	8.17	20		10	140
			Nitrobenzene-d5	40	9.39	23		10	135
			2-Nitrophenol-d4	40	9.58	24		10	120
			2,4-Dichlorophenol-d3	40	9.72	24		10	140
			4-Chloroaniline-d4	40	6.80	17		1	145
			Dimethylphthalate-d6	40	9.78	24		10	145
			Acenaphthylene-d8	40	10.14	25		15	120
			4-Nitrophenol-d4	40	6.53	16		10	150
			Fluorene-d10	40	10.61	27		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.66	14		10	130
			Anthracene-d10	40	10.57	26		10	150
			Pyrene-d10	40	10.27	26		10	130
			Benzo(a)pyrene-d12	40	7.41	19		10	140
P4237-12	A4F32	BP022340.D	1,4-Dioxane-d8	8	4.08	51		15	120
			Pyridine-d5	40	19.94	50		20	120
			Phenol-d5	40	23.31	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.32	58		10	150
			2-Chlorophenol-d4	40	25.69	64		15	120
			4-Methylphenol-d8	40	24.61	62		10	140
			Nitrobenzene-d5	40	26.15	65		10	135
			2-Nitrophenol-d4	40	27.42	69		10	120
			2,4-Dichlorophenol-d3	40	25.78	64		10	140
			4-Chloroaniline-d4	40	24.13	60		1	145
			Dimethylphthalate-d6	40	27.31	68		10	145
			Acenaphthylene-d8	40	27.80	69		15	120
			4-Nitrophenol-d4	40	21.31	53		10	150
			Fluorene-d10	40	28.06	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.27	48		10	130
			Anthracene-d10	40	29.18	73		10	150
			Pyrene-d10	40	31.27	78		10	130
			Benzo(a)pyrene-d12	40	29.88	75		10	140
P4237-16	A4EN9	BP022341.D	1,4-Dioxane-d8	8	4.28	54		15	120
			Pyridine-d5	40	21.13	53		20	120
			Phenol-d5	40	25.93	65		10	130

Surrogate Summary

SW-846

SDG No.: BP101124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4237-16	A4EN9	BP022341.D	Bis(2-Chloroethyl)ether-d8	40	25.83	65		10	150
			2-Chlorophenol-d4	40	28.13	70		15	120
			4-Methylphenol-d8	40	27.36	68		10	140
			Nitrobenzene-d5	40	28.76	72		10	135
			2-Nitrophenol-d4	40	30.46	76		10	120
			2,4-Dichlorophenol-d3	40	29.18	73		10	140
			4-Chloroaniline-d4	40	25.86	65		1	145
			Dimethylphthalate-d6	40	30.70	77		10	145
			Acenaphthylene-d8	40	31.31	78		15	120
			4-Nitrophenol-d4	40	23.20	58		10	150
			Fluorene-d10	40	32.57	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.69	54		10	130
			Anthracene-d10	40	33.07	83		10	150
			Pyrene-d10	40	34.63	87		10	130
			Benzo(a)pyrene-d12	40	34.36	86		10	140
P4237-17	A4EP6	BP022342.D	1,4-Dioxane-d8	8	0.83	10	*	15	120
			Pyridine-d5	40	0.76	2	*	20	120
			Phenol-d5	40	3.30	8	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	4.64	12		10	150
			2-Chlorophenol-d4	40	4.53	11	*	15	120
			4-Methylphenol-d8	40	3.30	8	*	10	140
			Nitrobenzene-d5	40	5.05	13		10	135
			2-Nitrophenol-d4	40	4.88	12		10	120
			2,4-Dichlorophenol-d3	40	4.04	10		10	140
			4-Chloroaniline-d4	40	1.90	5		1	145
			Dimethylphthalate-d6	40	4.98	12		10	145
			Acenaphthylene-d8	40	5.28	13	*	15	120
			4-Nitrophenol-d4	40	1.27	3	*	10	150
			Fluorene-d10	40	5.91	15	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.52	6	*	10	130
			Anthracene-d10	40	5.74	14		10	150
			Pyrene-d10	40	5.73	14		10	130
P4237-18	A4EP7	BP022346.D	Benzo(a)pyrene-d12	40	4.05	10		10	140
			Pyridine-d5	40	14.56	36		20	120
			1,4-Dioxane-d8	8	2.67	33		15	120
			Phenol-d5	40	16.32	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.61	39		10	150
			2-Chlorophenol-d4	40	17.45	44		15	120
			4-Methylphenol-d8	40	16.17	40		10	140
			Nitrobenzene-d5	40	17.14	43		10	135
			2-Nitrophenol-d4	40	18.03	45		10	120
			2,4-Dichlorophenol-d3	40	17.43	44		10	140
			4-Chloroaniline-d4	40	16.17	40		1	145
			Dimethylphthalate-d6	40	17.12	43		10	145
			Acenaphthylene-d8	40	18.05	45		15	120
			4-Nitrophenol-d4	40	13.61	34		10	150
			Fluorene-d10	40	18.63	47		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.61	27		10	130
			Anthracene-d10	40	18.97	47		10	150

Surrogate Summary

SW-846

SDG No.: BP101124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4237-18	A4EP7	BP022346.D	Pyrene-d10	40	20.18	50		10	130
			Benzo(a)pyrene-d12	40	19.50	49		10	140
P4237-19	A4EQ0	BP022343.D	1,4-Dioxane-d8	8	1.78	22		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	9.33	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.15	25		10	150
			2-Chlorophenol-d4	40	11.00	28		15	120
			4-Methylphenol-d8	40	7.78	19		10	140
			Nitrobenzene-d5	40	10.50	26		10	135
			2-Nitrophenol-d4	40	10.76	27		10	120
			2,4-Dichlorophenol-d3	40	10.48	26		10	140
			4-Chloroaniline-d4	40	6.41	16		1	145
			Dimethylphthalate-d6	40	10.47	26		10	145
			Acenaphthylene-d8	40	11.33	28		15	120
			4-Nitrophenol-d4	40	5.51	14		10	150
			Fluorene-d10	40	11.59	29		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.80	17		10	130
			Anthracene-d10	40	11.55	29		10	150
			Pyrene-d10	40	12.25	31		10	130
			Benzo(a)pyrene-d12	40	9.49	24		10	140
P4237-20	A4EQ7	BP022338.D	Pyridine-d5	40	0.94	2	*	20	120
			1,4-Dioxane-d8	8	1.80	23		15	120
			Phenol-d5	40	9.35	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.70	27		10	150
			2-Chlorophenol-d4	40	11.46	29		15	120
			4-Methylphenol-d8	40	8.33	21		10	140
			Nitrobenzene-d5	40	11.44	29		10	135
			2-Nitrophenol-d4	40	11.68	29		10	120
			2,4-Dichlorophenol-d3	40	11.21	28		10	140
			4-Chloroaniline-d4	40	7.04	18		1	145
			Dimethylphthalate-d6	40	11.37	28		10	145
			Acenaphthylene-d8	40	11.83	30		15	120
			4-Nitrophenol-d4	40	7.15	18		10	150
			Fluorene-d10	40	12.13	30		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.13	20		10	130
			Anthracene-d10	40	12.38	31		10	150
			Pyrene-d10	40	11.93	30		10	130
			Benzo(a)pyrene-d12	40	9.13	23		10	140
PB163830BL	PB163830BL	BP022337.D	Pyridine-d5	40	20.02	50		20	120
			1,4-Dioxane-d8	8	4.06	51		15	120
		BP022330.D	Pyridine-d5	40	19.78	49		20	120
			1,4-Dioxane-d8	8	3.71	46		15	120
			Phenol-d5	40	20.39	51		10	130
		BP022337.D	Phenol-d5	40	20.53	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.32	51		10	150
		BP022330.D	Bis(2-Chloroethyl)ether-d8	40	20.53	51		10	150
			2-Chlorophenol-d4	40	21.81	55		15	120
		BP022337.D	2-Chlorophenol-d4	40	21.90	55		15	120
			4-Methylphenol-d8	40	20.85	52		10	140

Surrogate Summary

SW-846

SDG No.: BP101124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163830BL	PB163830BL	BP022330.D	4-Methylphenol-d8	40	20.24	51		10	140
			Nitrobenzene-d5	40	22.17	55		10	135
		BP022337.D	Nitrobenzene-d5	40	21.66	54		10	135
			2-Nitrophenol-d4	40	22.68	57		10	120
		BP022330.D	2-Nitrophenol-d4	40	23.02	58		10	120
			2,4-Dichlorophenol-d3	40	21.48	54		10	140
		BP022337.D	2,4-Dichlorophenol-d3	40	20.97	52		10	140
			4-Chloroaniline-d4	40	21.19	53		1	145
		BP022330.D	4-Chloroaniline-d4	40	21.48	54		1	145
			Dimethylphthalate-d6	40	21.57	54		10	145
		BP022337.D	Dimethylphthalate-d6	40	21.34	53		10	145
			Acenaphthylene-d8	40	21.84	55		15	120
		BP022330.D	Acenaphthylene-d8	40	22.07	55		15	120
			4-Nitrophenol-d4	40	17.83	45		10	150
		BP022337.D	4-Nitrophenol-d4	40	19.52	49		10	150
			Fluorene-d10	40	22.45	56		20	140
		BP022330.D	Fluorene-d10	40	21.90	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.67	42		10	130
		BP022337.D	4,6-Dinitro-2-methylphenol-d2	40	16.39	41		10	130
			Anthracene-d10	40	22.84	57		10	150
		BP022330.D	Anthracene-d10	40	23.20	58		10	150
			Pyrene-d10	40	23.75	59		10	130
		BP022337.D	Pyrene-d10	40	23.24	58		10	130
			Benzo(a)pyrene-d12	40	23.36	58		10	140
		BP022330.D	Benzo(a)pyrene-d12	40	23.07	58		10	140

Surrogate Summary

SW-846

SDG No.: BP101124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4239-14	A4E73	BP022333.D	1,4-Dioxane-d8	8	2.72	34		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	19.89	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.28	48		10	150
			2-Chlorophenol-d4	40	21.13	53		15	120
			4-Methylphenol-d8	40	20.03	50		10	140
			Nitrobenzene-d5	40	20.80	52		10	135
			2-Nitrophenol-d4	40	21.77	54		10	120
			2,4-Dichlorophenol-d3	40	24.21	61		10	140
			4-Chloroaniline-d4	40	15.32	38		1	145
			Dimethylphthalate-d6	40	21.78	54		10	145
			Acenaphthylene-d8	40	21.68	54		15	120
			4-Nitrophenol-d4	40	20.64	52		10	150
			Fluorene-d10	40	23.00	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.90	40		10	130
			Anthracene-d10	40	23.94	60		10	150
			Pyrene-d10	40	24.72	62		10	130
			Benzo(a)pyrene-d12	40	23.84	60		10	140
P4239-14DL	A4E73DL	BP022334.D	1,4-Dioxane-d8	8	3.08	38		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	17.44	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.85	45		10	150
			2-Chlorophenol-d4	40	19.30	48		15	120
			4-Methylphenol-d8	40	17.81	45		10	140
			Nitrobenzene-d5	40	19.22	48		10	135
			2-Nitrophenol-d4	40	18.61	47		10	120
			2,4-Dichlorophenol-d3	40	22.90	57		10	140
			4-Chloroaniline-d4	40	14.09	35		1	145
			Dimethylphthalate-d6	40	19.97	50		10	145
			Acenaphthylene-d8	40	20.04	50		15	120
			4-Nitrophenol-d4	40	13.64	34		10	150
			Fluorene-d10	40	21.39	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.76	27		10	130
			Anthracene-d10	40	21.99	55		10	150
			Pyrene-d10	40	23.69	59		10	130
			Benzo(a)pyrene-d12	40	21.71	54		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP101124

Lab Code: CHEM

SAS No.: BP101124 SDG NO.: BP101124

Lab File ID: BP022328.D

DFTPP Injection Date: 10/11/2024

Instrument ID: BNA_P

DFTPP Injection Time: 10:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	23.9
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	28.5
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	35.5
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	6.8
275	10.0 - 60.0% of mass 198	33.5
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	13.2
442	Greater than 50% of mass 198	84.6
443	15.0 - 24.0% of mass 442	16.6 (19.6) 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
SSTD020797	SSTDCCC020	BP022329.D	10/11/2024	11:01
SBLK830	PB163830BL	BP022330.D	10/11/2024	11:42
A4E70	P4237-02	BP022331.D	10/11/2024	12:23
A4E70DL	P4237-02DL	BP022332.D	10/11/2024	13:11
A4E73	P4239-14	BP022333.D	10/11/2024	13:52
A4E73DL	P4239-14DL	BP022334.D	10/11/2024	14:42
A4F10	P4237-05	BP022335.D	10/11/2024	15:28
SSTD020798	SSTDCCC020EC	BP022336.D	10/11/2024	16:09
SBLK830	PB163830BL	BP022337.D	10/11/2024	16:49
A4EQ7	P4237-20	BP022338.D	10/11/2024	17:31
A4F26	P4237-11	BP022339.D	10/11/2024	18:11
A4F32	P4237-12	BP022340.D	10/11/2024	18:52
A4EN9	P4237-16	BP022341.D	10/11/2024	19:33
A4EP6	P4237-17	BP022342.D	10/11/2024	20:14
A4EQ0	P4237-19	BP022343.D	10/11/2024	20:55
A4F22	P4237-08	BP022344.D	10/11/2024	21:36
A4F11	P4237-06	BP022345.D	10/11/2024	22:17
A4EP7	P4237-18	BP022346.D	10/11/2024	22:58

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP101124

Lab Code: CHEM

SAS No.: BP101124

SDG NO.: BP101124

Lab File ID: BP022328.D

DFTPP Injection Date: 10/11/2024

Instrument ID: BNA_P

DFTPP Injection Time: 10:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	23.9
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	28.5
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	35.5
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	6.8
275	10.0 - 60.0% of mass 198	33.5
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	13.2
442	Greater than 50% of mass 198	84.6
443	15.0 - 24.0% of mass 442	16.6 (19.6) 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
A4F23	P4237-09	BP022347.D	10/11/2024	23:39