

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424
Instrument ID: BNA_P Calibration Date/Time: 11/4/2024 1:10:16
Lab File ID: BP022821.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020697 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	0.546	0.010	-1.4205	40.0
Benzaldehyde	0.910	0.925	0.010	1.6592	40.0
Pyridine	1.449	1.467	0.010	1.2429	40.0
Phenol	1.752	1.722	0.080	-1.714	20.0
Bis(2-Chloroethyl)ether	1.311	1.276	0.100	-2.6763	20.0
2-Chlorophenol	1.235	1.273	0.200	3.0283	20.0
2-Methylphenol	1.271	1.247	0.010	-1.8941	20.0
2,2-oxybis(1-Chloropropane)	1.524	1.438	0.010	-5.6395	40.0
Acetophenone	2.218	2.280	0.060	2.7932	20.0
4-Methylphenol	1.410	1.404	0.010	-0.4144	20.0
N-Nitroso-di-n-propylamine	1.124	1.123	0.050	-0.0759	30.0
Hexachloroethane	0.575	0.596	0.100	3.6319	20.0
Nitrobenzene	0.459	0.477	0.050	3.8538	25.0
Isophorone	0.823	0.784	0.050	-4.7139	25.0
2-Nitrophenol	0.192	0.198	0.050	3.2675	25.0
2,4-Dimethylphenol	0.417	0.449	0.050	7.604	25.0
Bis(2-Chloroethoxy)methane	0.467	0.449	0.050	-3.8268	20.0
2,4-Dichlorophenol	0.373	0.408	0.060	9.4966	20.0
Naphthalene	1.065	1.150	0.200	7.9633	20.0
4-Chloroaniline	0.441	0.458	0.010	3.7366	40.0
Hexachlorobutadiene	0.314	0.347	0.040	10.5102	30.0
Caprolactam	0.120	0.113	0.010	-6.312	40.0
4-Chloro-3-methylphenol	0.407	0.439	0.040	8.0089	25.0
1-Methylnaphthalene	0.798	0.841	0.100	5.3169	20.0
2-Methylnaphthalene	0.782	0.844	0.100	7.8714	20.0
Hexachlorocyclopentadiene	0.451	0.378	0.010	-16.0532	40.0
2,4,6-Trichlorophenol	0.465	0.499	0.090	7.344	25.0
2,4,5-Trichlorophenol	0.495	0.543	0.100	9.6422	25.0
1,1-Biphenyl	1.442	1.535	0.200	6.4861	20.0
2-Chloronaphthalene	1.180	1.289	0.300	9.2199	20.0
2-Nitroaniline	0.352	0.357	0.050	1.3991	40.0
Dimethylphthalate	1.583	1.635	0.300	3.2402	20.0
2,6-Dinitrotoluene	0.299	0.321	0.080	7.0481	30.0
Acenaphthylene	1.752	1.847	0.400	5.4323	20.0
3-Nitroaniline	0.281	0.263	0.010	-6.6364	40.0
Acenaphthene	1.239	1.329	0.200	7.2655	20.0
2,4-Dinitrophenol	0.220	0.176	0.010	-20.1225	40.0
4-Nitrophenol	0.296	0.280	0.010	-5.498	40.0
Dibenzofuran	1.861	2.100	0.300	12.8853	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/4/2024 1:10:16

Lab File ID: BP022821.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020697 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	0.524	0.070	12.5463	30.0
Diethylphthalate	1.519	1.606	0.300	5.7078	20.0
Fluorene	1.516	1.714	0.200	13.0418	20.0
4-Chlorophenyl-phenylether	0.867	0.989	0.100	14.085	20.0
4-Nitroaniline	0.283	0.278	0.010	-1.8335	40.0
4,6-Dinitro-2-methylphenol	0.142	0.121	0.010	-14.5667	40.0
N-Nitrosodiphenylamine	0.536	0.547	0.050	2.2155	20.0
1,2,4,5-Tetrachlorobenzene	0.740	0.803	0.100	8.6273	20.0
4-Bromophenyl-phenylether	0.241	0.267	0.070	10.7488	20.0
Hexachlorobenzene	0.297	0.322	0.050	8.5645	25.0
Atrazine	0.223	0.229	0.010	3.0846	25.0
Pentachlorophenol	0.191	0.189	0.010	-0.8299	40.0
Phenanthrene	1.070	1.117	0.200	4.3925	20.0
Pentachlorobenzene	0.337	0.355	0.050	5.4684	20.0
Anthracene	1.068	1.157	0.200	8.3632	20.0
1,2,3,4-Tetrachlorobenzene	0.305	0.304	0.050	-0.0804	20.0
Carbazole	0.945	0.979	0.050	3.5752	40.0
Di-n-butylphthalate	1.045	1.069	0.500	2.2575	25.0
Fluoranthene	1.216	1.288	0.400	5.9023	25.0
Pyrene	1.303	1.369	0.400	5.0503	25.0
Butylbenzylphthalate	0.454	0.449	0.100	-0.9569	40.0
3,3-Dichlorobenzidine	0.477	0.487	0.010	2.2305	40.0
Benzo (a) anthracene	1.402	1.451	0.300	3.5135	30.0
Chrysene	1.300	1.380	0.200	6.1718	30.0
Bis(2-ethylhexyl)phthalate	0.651	0.638	0.200	-2.1117	40.0
Di-n-octyl phthalate	0.951	0.917	0.010	-3.5905	40.0
Benzo (b) fluoranthene	1.259	1.369	0.200	8.7248	25.0
Benzo (k) fluoranthene	1.233	1.306	0.200	5.9267	25.0
Benzo (a) pyrene	1.159	1.239	0.200	6.9641	20.0
Indeno (1,2,3-cd) pyrene	1.546	1.611	0.200	4.1828	25.0
Dibenzo (a,h) anthracene	1.252	1.295	0.200	3.3985	30.0
Benzo (g,h,i) perylene	1.203	1.217	0.200	1.1522	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.525	0.040	13.6666	20.0
1,4-Dioxane-d8	0.515	0.487	0.010	-5.366	25.0
Pyridine-d5	1.413	1.423	0.010	0.7057	40.0
Phenol-d5	1.684	1.631	0.010	-3.0962	25.0
Bis- (2-Chloroethyl) ether-d8	0.989	0.960	0.050	-3.0028	25.0
2-Chlorophenol-d4	1.195	1.249	0.200	4.5493	20.0
4-Methylphenol-d8	1.344	1.342	0.010	-0.124	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

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Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/4/2024 1:10:16

Lab File ID: BP022821.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020697 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.162	0.050	5.5857	20.0
2-Nitrophenol-d4	0.178	0.190	0.050	6.4393	30.0
2,4-Dichlorophenol-d3	0.378	0.424	0.060	12.0384	20.0
4-Chloroaniline-d4	0.447	0.456	0.010	1.967	40.0
Dimethylphthalate-d6	1.589	1.651	0.300	3.9226	20.0
Acenaphthylene-d8	1.688	1.816	0.400	7.5886	20.0
4-Nitrophenol-d4	0.267	0.220	0.010	-17.2955	40.0
Fluorene-d10	1.378	1.522	0.100	10.461	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.109	0.010	-17.2863	40.0
Anthracene-d10	0.941	1.006	0.300	6.9017	20.0
Pyrene-d10	1.058	1.125	0.300	6.3663	25.0
Benzo(a)pyrene-d12	1.068	1.141	0.010	6.8421	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.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/4/2024 1:16:19

Lab File ID: BP022829.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020698 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	0.484	0.010	-12.5041	40.0
Benzaldehyde	0.910	0.922	0.010	1.3708	40.0
Pyridine	1.449	1.364	0.010	-5.8181	40.0
Phenol	1.752	1.746	0.080	-0.3448	20.0
Bis(2-Chloroethyl)ether	1.311	1.289	0.100	-1.6564	20.0
2-Chlorophenol	1.235	1.318	0.200	6.7217	20.0
2-Methylphenol	1.271	1.292	0.010	1.6047	20.0
2,2-oxybis(1-Chloropropane)	1.524	1.470	0.010	-3.5333	40.0
Acetophenone	2.218	2.264	0.060	2.0806	20.0
4-Methylphenol	1.410	1.424	0.010	0.9677	20.0
N-Nitroso-di-n-propylamine	1.124	1.121	0.050	-0.2908	30.0
Hexachloroethane	0.575	0.582	0.100	1.0847	20.0
Nitrobenzene	0.459	0.469	0.050	2.1125	25.0
Isophorone	0.823	0.832	0.050	1.1026	25.0
2-Nitrophenol	0.192	0.208	0.050	8.166	25.0
2,4-Dimethylphenol	0.417	0.452	0.050	8.458	25.0
Bis(2-Chloroethoxy)methane	0.467	0.471	0.050	0.7281	20.0
2,4-Dichlorophenol	0.373	0.420	0.060	12.6837	20.0
Naphthalene	1.065	1.151	0.200	8.081	20.0
4-Chloroaniline	0.441	0.451	0.010	2.1038	40.0
Hexachlorobutadiene	0.314	0.346	0.040	10.2198	30.0
Caprolactam	0.120	0.114	0.010	-4.9921	40.0
4-Chloro-3-methylphenol	0.407	0.445	0.040	9.4001	25.0
1-Methylnaphthalene	0.798	0.876	0.100	9.7165	20.0
2-Methylnaphthalene	0.782	0.859	0.100	9.9135	20.0
Hexachlorocyclopentadiene	0.451	0.398	0.010	-11.5567	40.0
2,4,6-Trichlorophenol	0.465	0.515	0.090	10.7264	25.0
2,4,5-Trichlorophenol	0.495	0.553	0.100	11.7307	25.0
1,1-Biphenyl	1.442	1.547	0.200	7.3464	20.0
2-Chloronaphthalene	1.180	1.281	0.300	8.5366	20.0
2-Nitroaniline	0.352	0.353	0.050	0.1209	40.0
Dimethylphthalate	1.583	1.643	0.300	3.7342	20.0
2,6-Dinitrotoluene	0.299	0.328	0.080	9.5845	30.0
Acenaphthylene	1.752	1.874	0.400	6.959	20.0
3-Nitroaniline	0.281	0.267	0.010	-5.1571	40.0
Acenaphthene	1.239	1.346	0.200	8.6882	20.0
2,4-Dinitrophenol	0.220	0.187	0.010	-15.179	40.0
4-Nitrophenol	0.296	0.259	0.010	-12.3346	40.0
Dibenzofuran	1.861	2.032	0.300	9.2361	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/4/2024 1:16:19

Lab File ID: BP022829.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020698 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	0.526	0.070	13.0386	30.0
Diethylphthalate	1.519	1.600	0.300	5.315	20.0
Fluorene	1.516	1.629	0.200	7.4603	20.0
4-Chlorophenyl-phenylether	0.867	0.951	0.100	9.7195	20.0
4-Nitroaniline	0.283	0.279	0.010	-1.509	40.0
4,6-Dinitro-2-methylphenol	0.142	0.129	0.010	-9.2775	40.0
N-Nitrosodiphenylamine	0.536	0.559	0.050	4.3039	20.0
1,2,4,5-Tetrachlorobenzene	0.740	0.811	0.100	9.6162	20.0
4-Bromophenyl-phenylether	0.241	0.263	0.070	8.995	20.0
Hexachlorobenzene	0.297	0.330	0.050	11.1198	25.0
Atrazine	0.223	0.235	0.010	5.6773	25.0
Pentachlorophenol	0.191	0.197	0.010	3.1424	40.0
Phenanthrene	1.070	1.105	0.200	3.2766	20.0
Pentachlorobenzene	0.337	0.366	0.050	8.7351	20.0
Anthracene	1.068	1.127	0.200	5.5202	20.0
1,2,3,4-Tetrachlorobenzene	0.305	0.327	0.050	7.3014	20.0
Carbazole	0.945	0.959	0.050	1.4862	40.0
Di-n-butylphthalate	1.045	1.079	0.500	3.2312	25.0
Fluoranthene	1.216	1.336	0.400	9.8604	25.0
Pyrene	1.303	1.392	0.400	6.7795	25.0
Butylbenzylphthalate	0.454	0.469	0.100	3.4651	40.0
3,3-Dichlorobenzidine	0.477	0.488	0.010	2.4151	40.0
Benzo (a) anthracene	1.402	1.439	0.300	2.6262	30.0
Chrysene	1.300	1.332	0.200	2.4485	30.0
Bis(2-ethylhexyl)phthalate	0.651	0.648	0.200	-0.5581	40.0
Di-n-octyl phthalate	0.951	0.964	0.010	1.3411	40.0
Benzo (b) fluoranthene	1.259	1.323	0.200	5.121	25.0
Benzo (k) fluoranthene	1.233	1.323	0.200	7.349	25.0
Benzo (a) pyrene	1.159	1.202	0.200	3.7714	20.0
Indeno (1,2,3-cd) pyrene	1.546	1.591	0.200	2.8681	25.0
Dibenzo (a,h) anthracene	1.252	1.283	0.200	2.4876	30.0
Benzo (g,h,i) perylene	1.203	1.221	0.200	1.529	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.518	0.040	11.9662	20.0
1,4-Dioxane-d8	0.515	0.441	0.010	-14.4059	25.0
Pyridine-d5	1.413	1.345	0.010	-4.7843	40.0
Phenol-d5	1.684	1.645	0.010	-2.3028	25.0
Bis- (2-Chloroethyl) ether-d8	0.989	0.956	0.050	-3.3788	25.0
2-Chlorophenol-d4	1.195	1.267	0.200	6.0729	20.0
4-Methylphenol-d8	1.344	1.344	0.010	0.0029	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/4/2024 1:16:19

Lab File ID: BP022829.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020698 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.163	0.050	5.9256	20.0
2-Nitrophenol-d4	0.178	0.197	0.050	10.5244	30.0
2,4-Dichlorophenol-d3	0.378	0.420	0.060	11.0725	20.0
4-Chloroaniline-d4	0.447	0.457	0.010	2.2603	40.0
Dimethylphthalate-d6	1.589	1.643	0.300	3.3889	20.0
Acenaphthylene-d8	1.688	1.820	0.400	7.8107	20.0
4-Nitrophenol-d4	0.267	0.231	0.010	-13.3021	40.0
Fluorene-d10	1.378	1.505	0.100	9.2032	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.116	0.010	-11.8219	40.0
Anthracene-d10	0.941	1.009	0.300	7.2273	20.0
Pyrene-d10	1.058	1.139	0.300	7.6966	25.0
Benzo(a)pyrene-d12	1.068	1.147	0.010	7.3419	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/5/2024 1:03:07

Lab File ID: BP022844.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020699 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	0.464	0.010	-16.1842	40.0
Benzaldehyde	0.910	0.891	0.010	-2.049	40.0
Pyridine	1.449	1.311	0.010	-9.4894	40.0
Phenol	1.752	1.644	0.080	-6.1643	20.0
Bis(2-Chloroethyl)ether	1.311	1.307	0.100	-0.2616	20.0
2-Chlorophenol	1.235	1.243	0.200	0.6138	20.0
2-Methylphenol	1.271	1.222	0.010	-3.8326	20.0
2,2-oxybis(1-Chloropropane)	1.524	1.502	0.010	-1.4075	40.0
Acetophenone	2.218	2.235	0.060	0.7635	20.0
4-Methylphenol	1.410	1.370	0.010	-2.8277	20.0
N-Nitroso-di-n-propylamine	1.124	1.156	0.050	2.9021	30.0
Hexachloroethane	0.575	0.592	0.100	2.9736	20.0
Nitrobenzene	0.459	0.455	0.050	-0.7935	25.0
Isophorone	0.823	0.837	0.050	1.7446	25.0
2-Nitrophenol	0.192	0.209	0.050	8.7645	25.0
2,4-Dimethylphenol	0.417	0.453	0.050	8.6773	25.0
Bis(2-Chloroethoxy)methane	0.467	0.478	0.050	2.2426	20.0
2,4-Dichlorophenol	0.373	0.412	0.060	10.6282	20.0
Naphthalene	1.065	1.142	0.200	7.237	20.0
4-Chloroaniline	0.441	0.457	0.010	3.548	40.0
Hexachlorobutadiene	0.314	0.360	0.040	14.562	30.0
Caprolactam	0.120	0.113	0.010	-5.6126	40.0
4-Chloro-3-methylphenol	0.407	0.447	0.040	10.0542	25.0
1-Methylnaphthalene	0.798	0.863	0.100	8.0903	20.0
2-Methylnaphthalene	0.782	0.849	0.100	8.6133	20.0
Hexachlorocyclopentadiene	0.451	0.527	0.010	16.8668	40.0
2,4,6-Trichlorophenol	0.465	0.503	0.090	8.1822	25.0
2,4,5-Trichlorophenol	0.495	0.536	0.100	8.2503	25.0
1,1-Biphenyl	1.442	1.533	0.200	6.339	20.0
2-Chloronaphthalene	1.180	1.236	0.300	4.7305	20.0
2-Nitroaniline	0.352	0.359	0.050	1.7888	40.0
Dimethylphthalate	1.583	1.674	0.300	5.7449	20.0
2,6-Dinitrotoluene	0.299	0.330	0.080	10.2814	30.0
Acenaphthylene	1.752	1.844	0.400	5.2642	20.0
3-Nitroaniline	0.281	0.270	0.010	-4.1164	40.0
Acenaphthene	1.239	1.313	0.200	5.9957	20.0
2,4-Dinitrophenol	0.220	0.213	0.010	-3.5139	40.0
4-Nitrophenol	0.296	0.273	0.010	-7.7241	40.0
Dibenzofuran	1.861	2.040	0.300	9.6531	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/5/2024 1:03:07

Lab File ID: BP022844.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020699 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	0.521	0.070	11.8913	30.0
Diethylphthalate	1.519	1.680	0.300	10.5869	20.0
Fluorene	1.516	1.643	0.200	8.391	20.0
4-Chlorophenyl-phenylether	0.867	0.968	0.100	11.7016	20.0
4-Nitroaniline	0.283	0.280	0.010	-1.2229	40.0
4,6-Dinitro-2-methylphenol	0.142	0.136	0.010	-3.8749	40.0
N-Nitrosodiphenylamine	0.536	0.576	0.050	7.4785	20.0
1,2,4,5-Tetrachlorobenzene	0.740	0.828	0.100	11.9507	20.0
4-Bromophenyl-phenylether	0.241	0.279	0.070	15.6541	20.0
Hexachlorobenzene	0.297	0.342	0.050	15.092	25.0
Atrazine	0.223	0.248	0.010	11.6058	25.0
Pentachlorophenol	0.191	0.205	0.010	7.6292	40.0
Phenanthrene	1.070	1.122	0.200	4.8655	20.0
Pentachlorobenzene	0.337	0.380	0.050	12.849	20.0
Anthracene	1.068	1.133	0.200	6.0761	20.0
1,2,3,4-Tetrachlorobenzene	0.305	0.329	0.050	8.0493	20.0
Carbazole	0.945	0.968	0.050	2.425	40.0
Di-n-butylphthalate	1.045	1.202	0.500	14.9543	25.0
Fluoranthene	1.216	1.407	0.400	15.7054	25.0
Pyrene	1.303	1.451	0.400	11.3285	25.0
Butylbenzylphthalate	0.454	0.516	0.100	13.8272	40.0
3,3-Dichlorobenzidine	0.477	0.488	0.010	2.2588	40.0
Benzo (a) anthracene	1.402	1.462	0.300	4.2416	30.0
Chrysene	1.300	1.330	0.200	2.3201	30.0
Bis(2-ethylhexyl)phthalate	0.651	0.760	0.200	16.6388	40.0
Di-n-octyl phthalate	0.951	1.118	0.010	17.5159	40.0
Benzo (b) fluoranthene	1.259	1.363	0.200	8.2971	25.0
Benzo (k) fluoranthene	1.233	1.373	0.200	11.4112	25.0
Benzo (a) pyrene	1.159	1.221	0.200	5.3822	20.0
Indeno (1,2,3-cd) pyrene	1.546	1.627	0.200	5.255	25.0
Dibenzo (a,h) anthracene	1.252	1.297	0.200	3.5613	30.0
Benzo (g,h,i) perylene	1.203	1.226	0.200	1.9371	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.522	0.040	12.9711	20.0
1,4-Dioxane-d8	0.515	0.447	0.010	-13.0618	25.0
Pyridine-d5	1.413	1.276	0.010	-9.7001	40.0
Phenol-d5	1.684	1.586	0.010	-5.8158	25.0
Bis- (2-Chloroethyl) ether-d8	0.989	0.957	0.050	-3.3166	25.0
2-Chlorophenol-d4	1.195	1.221	0.200	2.2298	20.0
4-Methylphenol-d8	1.344	1.317	0.010	-1.9597	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/5/2024 1:03:07

Lab File ID: BP022844.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020699 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	6.7518	20.0
2-Nitrophenol-d4	0.178	0.193	0.050	8.4273	30.0
2,4-Dichlorophenol-d3	0.378	0.426	0.060	12.5699	20.0
4-Chloroaniline-d4	0.447	0.466	0.010	4.2339	40.0
Dimethylphthalate-d6	1.589	1.710	0.300	7.6038	20.0
Acenaphthylene-d8	1.688	1.810	0.400	7.2291	20.0
4-Nitrophenol-d4	0.267	0.234	0.010	-12.0502	40.0
Fluorene-d10	1.378	1.489	0.100	8.0672	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.126	0.010	-4.3204	40.0
Anthracene-d10	0.941	1.005	0.300	6.7782	20.0
Pyrene-d10	1.058	1.198	0.300	13.307	25.0
Benzo(a)pyrene-d12	1.068	1.157	0.010	8.3344	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SBLK462	SDG No.:	BP110424
Lab Sample ID:	PB164462BL	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
BP022822.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

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:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SBLK462	SDG No.:	BP110424
Lab Sample ID:	PB164462BL	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
BP022822.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

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:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SBLK462	SDG No.:	BP110424
Lab Sample ID:	PB164462BL	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
BP022822.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

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	4.71		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	22.387		20-120		56	SPK: -40
4165-62-2	Phenol-d5	22.473		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.88		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.664		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	23.588		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	25.268		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.681		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.347		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.537		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.331		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	25.479		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.099		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	30.681		20-140		77	SPK: -40

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SBLK462	SDG No.:	BP110424
Lab Sample ID:	PB164462BL	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
BP022822.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.501		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	27.499		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	29.311		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.445		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60158	7.628				
1146-65-2	Naphthalene-d8	229602	10.386				
15067-26-2	Acenaphthene-d10	185802	14.251				
1517-22-2	Phenanthrene-d10	452341	17.057				
1719-03-5	Chrysene-d12	471244	21.486				
1520-96-3	Perylene-d12	505904	24.727				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EA4	SDG No.:	BP110424
Lab Sample ID:	P4568-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022823.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

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	810		43	82	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4700		40	82	330	ug/Kg
95-57-8	2-Chlorophenol	2200		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	4700	E	51	42.2	170	ug/Kg
67-72-1	Hexachloroethane	3200	E	18	42.2	170	ug/Kg
98-95-3	Nitrobenzene	860		31	42.2	170	ug/Kg
78-59-1	Isophorone	3600	E	48	42.2	170	ug/Kg
88-75-5	2-Nitrophenol	1100		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	4200	E	43	42.2	170	ug/Kg
120-83-2	2,4-Dichlorophenol	2800	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	4000	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	970		49	42.2	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.2	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		23	42.2	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	94	U	94	82	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4400	E	49	42.2	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	960		39	42.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EA4	SDG No.:	BP110424
Lab Sample ID:	P4568-02	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
BP022823.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

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	6000	E	44	42.2	170	ug/Kg
208-96-8	Acenaphthylene	470		32	42.2	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82	330	ug/Kg
83-32-9	Acenaphthene	2900	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	2000		44	82	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.2	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	3900	E	43	42.2	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.2	170	ug/Kg
86-73-7	Fluorene	4600	E	25	42.2	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		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	1000		29	42.2	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.2	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82	330	ug/Kg
87-86-5	Pentachlorophenol	5400	E	74	82	330	ug/Kg
85-01-8	Phenanthrene	1000		29	42.2	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.2	170	ug/Kg
120-12-7	Anthracene	980		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	3700	E	61	42.2	170	ug/Kg
206-44-0	Fluoranthene	3500	E	54	82	170	ug/Kg



Client:			Date Collected:	10/24/2024 12:00:00 AM	
Project:			Date Received:	10/24/2024 12:00:00 AM	
Client Sample ID:	A4EA4		SDG No.:	BP110424	
Lab Sample ID:	P4568-02		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
BP022823.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		49	42.2	170	ug/Kg
85-68-7	Butylbenzylphthalate	880		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	2800	E	27	42.2	170	ug/Kg
218-01-9	Chrysene	4500	E	31	42.2	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3700	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	3900	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	870		32	42.2	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	710		31	42.2	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		28	42.2	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	620		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	2.946		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	15.528		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.606		10-150		39	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.542		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	15.17		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	15.628		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.237		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.564		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.875		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.158		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	19.01		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.935		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	20.487		20-140		51	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EA4	SDG No.:	BP110424
Lab Sample ID:	P4568-02	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
BP022823.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.621		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	19.436		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	19.08		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.713		10-140		49	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60339	7.628				
1146-65-2	Naphthalene-d8	261830	10.381				
15067-26-2	Acenaphthene-d10	219362	14.257				
1517-22-2	Phenanthrene-d10	586306	17.057				
1719-03-5	Chrysene-d12	608686	21.48				
1520-96-3	Perylene-d12	750572	24.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-73-1	Benzene, 1,3-dichloro-	660	J			7.975	
001125-21-9	2,6,6-Trimethyl-2-cyclohexene-1,4-	110	J			9.64	
000608-93-5	Benzene, pentachloro-	93	J			14.581	
000643-58-3	1,1-Biphenyl, 2-methyl-	68	J			15.575	
000119-61-9	Benzophenone	190	J			15.634	
000057-10-3	n-Hexadecanoic acid	120	J			17.981	
000084-65-1	9,10-Anthracenedione	99	J			18.528	
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF6	SDG No.:	BP110424
Lab Sample ID:	P4568-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.5
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
BP022824.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.4	85	ug/Kg
100-52-7	Benzaldehyde	57	U	57	100	420	ug/Kg
110-86-1	Pyridine	42	U	42	210	420	ug/Kg
108-95-2	Phenol	94	J	55	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	51	U	51	100	420	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	54	220	ug/Kg
95-48-7	2-Methylphenol	50	U	50	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	76	U	76	100	420	ug/Kg
98-86-2	Acetophenone	290	J	51	100	420	ug/Kg
106-44-5	4-Methylphenol	47	U	47	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	65	U	65	54	220	ug/Kg
67-72-1	Hexachloroethane	23	U	23	54	220	ug/Kg
98-95-3	Nitrobenzene	39	U	39	54	220	ug/Kg
78-59-1	Isophorone	61	U	61	54	220	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	54	220	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	54	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	54	220	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	54	220	ug/Kg
91-20-3	Naphthalene	32	U	32	54	220	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	54	420	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	54	220	ug/Kg
105-60-2	Caprolactam	91	U	91	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	62	U	62	54	220	ug/Kg
90-12-0	1-Methylnaphthalene	42	U	42	54	220	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	54	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	54	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	54	220	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF6	SDG No.:	BP110424
Lab Sample ID:	P4568-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.5
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
BP022824.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	54	220	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	54	220	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	54	220	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	54	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	56	U	56	54	220	ug/Kg
208-96-8	Acenaphthylene	41	U	41	54	220	ug/Kg
99-09-2	3-Nitroaniline	56	U	56	100	420	ug/Kg
83-32-9	Acenaphthene	37	U	37	54	220	ug/Kg
51-28-5	2,4-Dinitrophenol	61	U	61	100	420	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	100	420	ug/Kg
132-64-9	Dibenzofuran	41	U	41	54	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	54	220	ug/Kg
84-66-2	Diethylphthalate	38	U	38	54	220	ug/Kg
86-73-7	Fluorene	32	U	32	54	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	54	220	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	98	U	98	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	54	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	54	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	54	220	ug/Kg
118-74-1	Hexachlorobenzene	41	U	41	54	220	ug/Kg
1912-24-9	Atrazine	90	U	90	100	420	ug/Kg
87-86-5	Pentachlorophenol	94	U	94	100	420	ug/Kg
85-01-8	Phenanthrene	60	J	37	54	220	ug/Kg
608-93-5	Pentachlorobenzene	66	U	66	54	220	ug/Kg
120-12-7	Anthracene	32	U	32	54	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	63	U	63	54	220	ug/Kg
86-74-8	Carbazole	36	U	36	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	77	U	77	54	220	ug/Kg
206-44-0	Fluoranthene	100	J	69	100	220	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF6	SDG No.:	BP110424
Lab Sample ID:	P4568-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.5
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
BP022824.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	62	U	62	54	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	54	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	34	U	34	54	220	ug/Kg
218-01-9	Chrysene	45	J	39	54	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	54	220	ug/Kg
117-84-0	Di-n-octyl phthalate	96	U	96	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	57	J	42	54	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	54	220	ug/Kg
50-32-8	Benzo(a)pyrene	41	U	41	54	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	54	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	36	U	36	54	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33	U	33	54	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	54	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.893	*	15-120		11	SPK: -8
7291-22-7	Pyridine-d5	0.929	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	4.638		10-130		12	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	5.288		10-150		13	SPK: -40
93951-73-6	2-Chlorophenol-d4	5.397	*	15-120		13	SPK: -40
190780-66-6	4-Methylphenol-d8	4.254		10-140		11	SPK: -40
4165-60-0	Nitrobenzene-d5	5.251		10-135		13	SPK: -40
93951-78-1	2-Nitrophenol-d4	5.269		10-120		13	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	5.068		10-140		13	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.609		1-145		4	SPK: -40
85448-30-2	Dimethylphthalate-d6	5.984		10-145		15	SPK: -40
93951-97-4	Acenaphthylene-d8	5.389	*	15-120		13	SPK: -40
93951-79-2	4-Nitrophenol-d4	2.271	*	10-150		6	SPK: -40
81103-79-9	Fluorene-d10	6.204	*	20-140		16	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF6	SDG No.:	BP110424
Lab Sample ID:	P4568-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.5
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
BP022824.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.627	*	10-130		7	SPK: -40
1719-06-8	Anthracene-d10	5.624		10-150		14	SPK: -40
1718-52-1	Pyrene-d10	4.619		10-130		12	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	2.909	*	10-140		7	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92982	7.628				
1146-65-2	Naphthalene-d8	353814	10.381				
15067-26-2	Acenaphthene-d10	291979	14.245				
1517-22-2	Phenanthrene-d10	731697	17.051				
1719-03-5	Chrysene-d12	729245	21.492				
1520-96-3	Perylene-d12	834822	24.751				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF8	SDG No.:	BP110424
Lab Sample ID:	P4568-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	58.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022825.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	26	U	26	15.7	160	ug/Kg
100-52-7	Benzaldehyde	110	U	110	200	780	ug/Kg
110-86-1	Pyridine	78	U	78	390	780	ug/Kg
108-95-2	Phenol	100	U	100	200	780	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	95	U	95	200	780	ug/Kg
95-57-8	2-Chlorophenol	55	U	55	100	400	ug/Kg
95-48-7	2-Methylphenol	93	U	93	200	780	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	200	780	ug/Kg
98-86-2	Acetophenone	95	U	95	200	780	ug/Kg
106-44-5	4-Methylphenol	88	U	88	200	780	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	120	U	120	100	400	ug/Kg
67-72-1	Hexachloroethane	43	U	43	100	400	ug/Kg
98-95-3	Nitrobenzene	74	U	74	100	400	ug/Kg
78-59-1	Isophorone	110	U	110	100	400	ug/Kg
88-75-5	2-Nitrophenol	74	U	74	100	400	ug/Kg
105-67-9	2,4-Dimethylphenol	59	U	59	100	400	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	100	U	100	100	400	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	100	400	ug/Kg
91-20-3	Naphthalene	59	U	59	100	400	ug/Kg
106-47-8	4-Chloroaniline	57	U	57	100	780	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	100	400	ug/Kg
105-60-2	Caprolactam	170	U	170	200	780	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	100	400	ug/Kg
90-12-0	1-Methylnaphthalene	78	U	78	100	400	ug/Kg
91-57-6	2-Methylnaphthalene	55	U	55	100	400	ug/Kg
77-47-4	Hexachlorocyclopentadiene	230	U	230	200	780	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	100	400	ug/Kg
95-95-4	2,4,5-Trichlorophenol	93	U	93	100	400	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF8	SDG No.:	BP110424
Lab Sample ID:	P4568-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	58.1
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
BP022825.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	100	400	ug/Kg
91-58-7	2-Chloronaphthalene	62	U	62	100	400	ug/Kg
88-74-4	2-Nitroaniline	98	U	98	100	400	ug/Kg
131-11-3	Dimethylphthalate	69	U	69	100	400	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	100	400	ug/Kg
208-96-8	Acenaphthylene	76	U	76	100	400	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	200	780	ug/Kg
83-32-9	Acenaphthene	69	U	69	100	400	ug/Kg
51-28-5	2,4-Dinitrophenol	110	U	110	200	780	ug/Kg
100-02-7	4-Nitrophenol	100	U	100	200	780	ug/Kg
132-64-9	Dibenzofuran	76	U	76	100	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	100	400	ug/Kg
84-66-2	Diethylphthalate	71	U	71	100	400	ug/Kg
86-73-7	Fluorene	59	U	59	100	400	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	48	U	48	100	400	ug/Kg
100-01-6	4-Nitroaniline	74	U	74	200	780	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	180	U	180	200	780	ug/Kg
86-30-6	N-Nitrosodiphenylamine	78	U	78	100	400	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57	U	57	100	400	ug/Kg
101-55-3	4-Bromophenyl-phenylether	69	U	69	100	400	ug/Kg
118-74-1	Hexachlorobenzene	76	U	76	100	400	ug/Kg
1912-24-9	Atrazine	170	U	170	200	780	ug/Kg
87-86-5	Pentachlorophenol	180	U	180	200	780	ug/Kg
85-01-8	Phenanthrene	69	U	69	100	400	ug/Kg
608-93-5	Pentachlorobenzene	120	U	120	100	400	ug/Kg
120-12-7	Anthracene	59	U	59	100	400	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	120	U	120	100	400	ug/Kg
86-74-8	Carbazole	67	U	67	200	780	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	150	100	400	ug/Kg
206-44-0	Fluoranthene	130	U	130	200	400	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF8	SDG No.:	BP110424
Lab Sample ID:	P4568-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	58.1
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
BP022825.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	120	U	120	100	400	ug/Kg
85-68-7	Butylbenzylphthalate	200	U	200	100	400	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	200	780	ug/Kg
56-55-3	Benzo(a)anthracene	64	U	64	100	400	ug/Kg
218-01-9	Chrysene	74	U	74	100	400	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	230	U	230	100	400	ug/Kg
117-84-0	Di-n-octyl phthalate	180	U	180	200	780	ug/Kg
205-99-2	Benzo(b)fluoranthene	78	U	78	100	400	ug/Kg
207-08-9	Benzo(k)fluoranthene	90	U	90	100	400	ug/Kg
50-32-8	Benzo(a)pyrene	76	U	76	100	400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	74	U	74	100	400	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	67	U	67	100	400	ug/Kg
191-24-2	Benzo(g,h,i)perylene	62	U	62	100	400	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	78	U	78	100	400	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.746		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	14.173		20-120		35	SPK: -40
4165-62-2	Phenol-d5	16.084		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.95		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.583		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	17.137		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	17.406		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.819		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.678		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.114		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.182		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	18.644		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.641		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	19.436		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF8	SDG No.:	BP110424
Lab Sample ID:	P4568-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	58.1
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
BP022825.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.166		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	19.125		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	19.237		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.861		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85476	7.628				
1146-65-2	Naphthalene-d8	333888	10.375				
15067-26-2	Acenaphthene-d10	256295	14.24				
1517-22-2	Phenanthrene-d10	617192	17.051				
1719-03-5	Chrysene-d12	677795	21.486				
1520-96-3	Perylene-d12	828325	24.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	240	J			15.634	
000057-10-3	n-Hexadecanoic acid	160	J			17.98	
E966796	Total Alkanes	57	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF9	SDG No.:	BP110424
Lab Sample ID:	P4568-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	58.8
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
BP022826.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	16	160	ug/Kg
100-52-7	Benzaldehyde	110	U	110	200	800	ug/Kg
110-86-1	Pyridine	80	U	80	400	800	ug/Kg
108-95-2	Phenol	100	U	100	200	800	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	97	U	97	200	800	ug/Kg
95-57-8	2-Chlorophenol	56	U	56	100	410	ug/Kg
95-48-7	2-Methylphenol	95	U	95	200	800	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	150	200	800	ug/Kg
98-86-2	Acetophenone	97	U	97	200	800	ug/Kg
106-44-5	4-Methylphenol	90	U	90	200	800	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	120	U	120	100	410	ug/Kg
67-72-1	Hexachloroethane	44	U	44	100	410	ug/Kg
98-95-3	Nitrobenzene	75	U	75	100	410	ug/Kg
78-59-1	Isophorone	120	U	120	100	410	ug/Kg
88-75-5	2-Nitrophenol	75	U	75	100	410	ug/Kg
105-67-9	2,4-Dimethylphenol	61	U	61	100	410	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	100	U	100	100	410	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	100	410	ug/Kg
91-20-3	Naphthalene	61	U	61	100	410	ug/Kg
106-47-8	4-Chloroaniline	58	U	58	100	800	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	100	410	ug/Kg
105-60-2	Caprolactam	170	U	170	200	800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	100	410	ug/Kg
90-12-0	1-Methylnaphthalene	80	U	80	100	410	ug/Kg
91-57-6	2-Methylnaphthalene	56	U	56	100	410	ug/Kg
77-47-4	Hexachlorocyclopentadiene	230	U	230	200	800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	100	410	ug/Kg
95-95-4	2,4,5-Trichlorophenol	95	U	95	100	410	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF9	SDG No.:	BP110424
Lab Sample ID:	P4568-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	58.8
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
BP022826.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	100	410	ug/Kg
91-58-7	2-Chloronaphthalene	63	U	63	100	410	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	100	410	ug/Kg
131-11-3	Dimethylphthalate	70	U	70	100	410	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	100	410	ug/Kg
208-96-8	Acenaphthylene	78	U	78	100	410	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	200	800	ug/Kg
83-32-9	Acenaphthene	70	U	70	100	410	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	200	800	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	200	800	ug/Kg
132-64-9	Dibenzofuran	78	U	78	100	410	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	100	410	ug/Kg
84-66-2	Diethylphthalate	73	U	73	100	410	ug/Kg
86-73-7	Fluorene	61	U	61	100	410	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	49	U	49	100	410	ug/Kg
100-01-6	4-Nitroaniline	75	U	75	200	800	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	190	U	190	200	800	ug/Kg
86-30-6	N-Nitrosodiphenylamine	80	U	80	100	410	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U	58	100	410	ug/Kg
101-55-3	4-Bromophenyl-phenylether	70	U	70	100	410	ug/Kg
118-74-1	Hexachlorobenzene	78	U	78	100	410	ug/Kg
1912-24-9	Atrazine	170	U	170	200	800	ug/Kg
87-86-5	Pentachlorophenol	180	U	180	200	800	ug/Kg
85-01-8	Phenanthrene	70	U	70	100	410	ug/Kg
608-93-5	Pentachlorobenzene	130	U	130	100	410	ug/Kg
120-12-7	Anthracene	61	U	61	100	410	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	120	U	120	100	410	ug/Kg
86-74-8	Carbazole	68	U	68	200	800	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	150	100	410	ug/Kg
206-44-0	Fluoranthene	130	U	130	200	410	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF9	SDG No.:	BP110424
Lab Sample ID:	P4568-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	58.8
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
BP022826.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	120	U	120	100	410	ug/Kg
85-68-7	Butylbenzylphthalate	200	U	200	100	410	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	200	800	ug/Kg
56-55-3	Benzo(a)anthracene	66	U	66	100	410	ug/Kg
218-01-9	Chrysene	75	U	75	100	410	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	230	U	230	100	410	ug/Kg
117-84-0	Di-n-octyl phthalate	180	U	180	200	800	ug/Kg
205-99-2	Benzo(b)fluoranthene	80	U	80	100	410	ug/Kg
207-08-9	Benzo(k)fluoranthene	92	U	92	100	410	ug/Kg
50-32-8	Benzo(a)pyrene	78	U	78	100	410	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	75	U	75	100	410	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	68	U	68	100	410	ug/Kg
191-24-2	Benzo(g,h,i)perylene	63	U	63	100	410	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	80	U	80	100	410	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.838		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	13.36		20-120		33	SPK: -40
4165-62-2	Phenol-d5	16.869		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.834		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.441		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	18.459		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	18.485		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.059		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.519		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.457		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.906		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	20.767		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.928		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	22.271		20-140		56	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF9	SDG No.:	BP110424
Lab Sample ID:	P4568-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	58.8
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
BP022826.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.956		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	22.925		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	23.329		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.321		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85446	7.628				
1146-65-2	Naphthalene-d8	321292	10.381				
15067-26-2	Acenaphthene-d10	254718	14.251				
1517-22-2	Phenanthrene-d10	606912	17.057				
1719-03-5	Chrysene-d12	669135	21.474				
1520-96-3	Perylene-d12	772740	24.721				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	380	J			15.64	
000057-10-3	n-Hexadecanoic acid	340	J			17.992	
E966796	Total Alkanes	58	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EA4DL	SDG No.:	BP110424
Lab Sample ID:	P4568-02DL	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
BP022827.D	5	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

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	880	JD	210	410	1600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	5200	D	200	410	1600	ug/Kg
95-57-8	2-Chlorophenol	2400	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	5000	D	250	210	840	ug/Kg
67-72-1	Hexachloroethane	3300	D	89	210	840	ug/Kg
98-95-3	Nitrobenzene	1000	D	150	210	840	ug/Kg
78-59-1	Isophorone	4200	D	240	210	840	ug/Kg
88-75-5	2-Nitrophenol	1200	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	4900	D	210	210	840	ug/Kg
120-83-2	2,4-Dichlorophenol	2900	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	3900	D	220	210	840	ug/Kg
105-60-2	Caprolactam	360	U	360	410	1600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000	D	240	210	840	ug/Kg
90-12-0	1-Methylnaphthalene	160	U	160	210	840	ug/Kg
91-57-6	2-Methylnaphthalene	1500	D	110	210	840	ug/Kg
77-47-4	Hexachlorocyclopentadiene	470	U	470	410	1600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4500	D	240	210	840	ug/Kg
95-95-4	2,4,5-Trichlorophenol	950	D	190	210	840	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EA4DL	SDG No.:	BP110424
Lab Sample ID:	P4568-02DL	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
BP022827.D	5	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

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	6100	D	220	210	840	ug/Kg
208-96-8	Acenaphthylene	530	JD	160	210	840	ug/Kg
99-09-2	3-Nitroaniline	220	U	220	410	1600	ug/Kg
83-32-9	Acenaphthene	3100	D	140	210	840	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	410	1600	ug/Kg
100-02-7	4-Nitrophenol	1500	JD	220	410	1600	ug/Kg
132-64-9	Dibenzofuran	160	U	160	210	840	ug/Kg
121-14-2	2,4-Dinitrotoluene	3700	D	210	210	840	ug/Kg
84-66-2	Diethylphthalate	150	U	150	210	840	ug/Kg
86-73-7	Fluorene	4600	D	120	210	840	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500	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	1100	D	140	210	840	ug/Kg
118-74-1	Hexachlorobenzene	6200	D	160	210	840	ug/Kg
1912-24-9	Atrazine	350	U	350	410	1600	ug/Kg
87-86-5	Pentachlorophenol	4900	D	370	410	1600	ug/Kg
85-01-8	Phenanthrene	1100	D	140	210	840	ug/Kg
608-93-5	Pentachlorobenzene	260	U	260	210	840	ug/Kg
120-12-7	Anthracene	1100	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	3900	D	300	210	840	ug/Kg
206-44-0	Fluoranthene	4200	D	270	410	840	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EA4DL	SDG No.:	BP110424
Lab Sample ID:	P4568-02DL	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
BP022827.D	5	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1700	D	240	210	840	ug/Kg
85-68-7	Butylbenzylphthalate	900	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	3100	D	130	210	840	ug/Kg
218-01-9	Chrysene	5000	D	150	210	840	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4000	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	4300	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	960	D	160	210	840	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	750	JD	150	210	840	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1900	D	140	210	840	ug/Kg
191-24-2	Benzo(g,h,i)perylene	680	JD	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	2.495		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	17.415		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.14		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.49		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	14.945		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	18.495		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.495		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.89		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.025		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.66		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	20.62		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.965		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	21.52		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EA4DL	SDG No.:	BP110424
Lab Sample ID:	P4568-02DL	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
BP022827.D	5	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.39		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	21.195		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	22.9		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.245		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82147	7.628				
1146-65-2	Naphthalene-d8	316276	10.381				
15067-26-2	Acenaphthene-d10	250854	14.245				
1517-22-2	Phenanthrene-d10	587113	17.045				
1719-03-5	Chrysene-d12	599201	21.486				
1520-96-3	Perylene-d12	725940	24.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-73-1	Benzene, 1,3-dichloro-	5300	JD			7.975	
E966796	Total Alkanes	120	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EG0	SDG No.:	BP110424
Lab Sample ID:	P4568-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	47.6
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
BP022828.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	21	U	21	12.6	130	ug/Kg
100-52-7	Benzaldehyde	86	U	86	160	630	ug/Kg
110-86-1	Pyridine	63	U	63	310	630	ug/Kg
108-95-2	Phenol	120	J	82	160	630	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	76	U	76	160	630	ug/Kg
95-57-8	2-Chlorophenol	44	U	44	81.1	320	ug/Kg
95-48-7	2-Methylphenol	74	U	74	160	630	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	630	ug/Kg
98-86-2	Acetophenone	320	J	76	160	630	ug/Kg
106-44-5	4-Methylphenol	71	U	71	160	630	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	97	U	97	81.1	320	ug/Kg
67-72-1	Hexachloroethane	34	U	34	81.1	320	ug/Kg
98-95-3	Nitrobenzene	59	U	59	81.1	320	ug/Kg
78-59-1	Isophorone	92	U	92	81.1	320	ug/Kg
88-75-5	2-Nitrophenol	59	U	59	81.1	320	ug/Kg
105-67-9	2,4-Dimethylphenol	48	U	48	81.1	320	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	82	U	82	81.1	320	ug/Kg
120-83-2	2,4-Dichlorophenol	31	U	31	81.1	320	ug/Kg
91-20-3	Naphthalene	68	J	48	81.1	320	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	81.1	630	ug/Kg
87-68-3	Hexachlorobutadiene	84	U	84	81.1	320	ug/Kg
105-60-2	Caprolactam	140	U	140	160	630	ug/Kg
59-50-7	4-Chloro-3-methylphenol	94	U	94	81.1	320	ug/Kg
90-12-0	1-Methylnaphthalene	63	U	63	81.1	320	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	81.1	320	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	160	630	ug/Kg
88-06-2	2,4,6-Trichlorophenol	94	U	94	81.1	320	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	81.1	320	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EG0	SDG No.:	BP110424
Lab Sample ID:	P4568-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	47.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022828.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	46	U	46	81.1	320	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	81.1	320	ug/Kg
88-74-4	2-Nitroaniline	78	U	78	81.1	320	ug/Kg
131-11-3	Dimethylphthalate	55	U	55	81.1	320	ug/Kg
606-20-2	2,6-Dinitrotoluene	84	U	84	81.1	320	ug/Kg
208-96-8	Acenaphthylene	61	U	61	81.1	320	ug/Kg
99-09-2	3-Nitroaniline	84	U	84	160	630	ug/Kg
83-32-9	Acenaphthene	120	J	55	81.1	320	ug/Kg
51-28-5	2,4-Dinitrophenol	92	U	92	160	630	ug/Kg
100-02-7	4-Nitrophenol	84	U	84	160	630	ug/Kg
132-64-9	Dibenzofuran	82	J	61	81.1	320	ug/Kg
121-14-2	2,4-Dinitrotoluene	82	U	82	81.1	320	ug/Kg
84-66-2	Diethylphthalate	57	U	57	81.1	320	ug/Kg
86-73-7	Fluorene	100	J	48	81.1	320	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	38	U	38	81.1	320	ug/Kg
100-01-6	4-Nitroaniline	59	U	59	160	630	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	160	630	ug/Kg
86-30-6	N-Nitrosodiphenylamine	63	U	63	81.1	320	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	46	U	46	81.1	320	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	81.1	320	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	81.1	320	ug/Kg
1912-24-9	Atrazine	140	U	140	160	630	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	160	630	ug/Kg
85-01-8	Phenanthrene	820		55	81.1	320	ug/Kg
608-93-5	Pentachlorobenzene	99	U	99	81.1	320	ug/Kg
120-12-7	Anthracene	130	J	48	81.1	320	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	95	U	95	81.1	320	ug/Kg
86-74-8	Carbazole	53	U	53	160	630	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	81.1	320	ug/Kg
206-44-0	Fluoranthene	730		100	160	320	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EG0	SDG No.:	BP110424
Lab Sample ID:	P4568-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	47.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022828.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	380		94	81.1	320	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	160	81.1	320	ug/Kg
91-94-1	3,3-Dichlorobenzidine	92	U	92	160	630	ug/Kg
56-55-3	Benzo(a)anthracene	250	J	52	81.1	320	ug/Kg
218-01-9	Chrysene	260	J	59	81.1	320	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	210	J	180	81.1	320	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	160	630	ug/Kg
205-99-2	Benzo(b)fluoranthene	250	J	63	81.1	320	ug/Kg
207-08-9	Benzo(k)fluoranthene	99	J	73	81.1	320	ug/Kg
50-32-8	Benzo(a)pyrene	78	J	61	81.1	320	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	59	U	59	81.1	320	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53	U	53	81.1	320	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50	U	50	81.1	320	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	63	U	63	81.1	320	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.583		15-120		20	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	7.989		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	8.592		10-150		21	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.048		15-120		23	SPK: -40
190780-66-6	4-Methylphenol-d8	7.592		10-140		19	SPK: -40
4165-60-0	Nitrobenzene-d5	9.021		10-135		23	SPK: -40
93951-78-1	2-Nitrophenol-d4	8.754		10-120		22	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.921		10-140		22	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.046		1-145		5	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.91		10-145		25	SPK: -40
93951-97-4	Acenaphthylene-d8	9.344		15-120		23	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.968		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	10.404		20-140		26	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EG0	SDG No.:	BP110424
Lab Sample ID:	P4568-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	47.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022828.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.54		10-130		11	SPK: -40
1719-06-8	Anthracene-d10	9.705		10-150		24	SPK: -40
1718-52-1	Pyrene-d10	7.582		10-130		19	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.024		10-140		13	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87284	7.628				
1146-65-2	Naphthalene-d8	323817	10.387				
15067-26-2	Acenaphthene-d10	256130	14.245				
1517-22-2	Phenanthrene-d10	622477	17.045				
1719-03-5	Chrysene-d12	724912	21.492				
1520-96-3	Perylene-d12	877551	24.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	190	J			15.622	
000057-10-3	n-Hexadecanoic acid	220	J			17.975	
	(DEL) Alkane: Straight-Chain	210	J			23.868	
E966796	Total Alkanes	210				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SBLK462	SDG No.:	BP110424
Lab Sample ID:	PB164462BL	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
BP022830.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

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:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SBLK462	SDG No.:	BP110424
Lab Sample ID:	PB164462BL	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
BP022830.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

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:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SBLK462	SDG No.:	BP110424
Lab Sample ID:	PB164462BL	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
BP022830.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

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	4.431		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	23.385		20-120		58	SPK: -40
4165-62-2	Phenol-d5	23.837		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.716		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.925		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	23.915		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	24.963		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.736		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.634		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.964		1-145		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.107		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	26.193		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.692		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	27.357		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SBLK462	SDG No.:	BP110424
Lab Sample ID:	PB164462BL	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
BP022830.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.655		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	27.084		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	27.136		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.005		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66001	7.628				
1146-65-2	Naphthalene-d8	248643	10.387				
15067-26-2	Acenaphthene-d10	195141	14.251				
1517-22-2	Phenanthrene-d10	493892	17.051				
1719-03-5	Chrysene-d12	568243	21.486				
1520-96-3	Perylene-d12	643048	24.733				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EA4	SDG No.:	BP110424
Lab Sample ID:	P4568-02	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
BP022831.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

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	790		43	82	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4600		40	82	330	ug/Kg
95-57-8	2-Chlorophenol	2100		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	4700	E	51	42.2	170	ug/Kg
67-72-1	Hexachloroethane	3100	E	18	42.2	170	ug/Kg
98-95-3	Nitrobenzene	920		31	42.2	170	ug/Kg
78-59-1	Isophorone	3900	E	48	42.2	170	ug/Kg
88-75-5	2-Nitrophenol	1100		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	4500	E	43	42.2	170	ug/Kg
120-83-2	2,4-Dichlorophenol	2700	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	3800	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	1000		49	42.2	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.2	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		23	42.2	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	94	U	94	82	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4300	E	49	42.2	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	930		39	42.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EA4	SDG No.:	BP110424
Lab Sample ID:	P4568-02	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
BP022831.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

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	6000	E	44	42.2	170	ug/Kg
208-96-8	Acenaphthylene	470		32	42.2	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82	330	ug/Kg
83-32-9	Acenaphthene	2800	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	2000		44	82	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.2	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	3800	E	43	42.2	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.2	170	ug/Kg
86-73-7	Fluorene	4300	E	25	42.2	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		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	1000		29	42.2	170	ug/Kg
118-74-1	Hexachlorobenzene	5900	E	32	42.2	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82	330	ug/Kg
87-86-5	Pentachlorophenol	5200		74	82	330	ug/Kg
85-01-8	Phenanthrene	1000		29	42.2	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.2	170	ug/Kg
120-12-7	Anthracene	980		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	3900	E	61	42.2	170	ug/Kg
206-44-0	Fluoranthene	3800	E	54	82	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EA4	SDG No.:	BP110424
Lab Sample ID:	P4568-02	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
BP022831.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1500		49	42.2	170	ug/Kg
85-68-7	Butylbenzylphthalate	980		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	2800	E	27	42.2	170	ug/Kg
218-01-9	Chrysene	4500	E	31	42.2	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4200	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	3800	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	890		32	42.2	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	720		31	42.2	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		28	42.2	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	630		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	2.644		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	16.276		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.614		10-150		39	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.534		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	15.287		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	17.562		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.72		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.884		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.66		1-145		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.077		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	18.595		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.979		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	19.958		20-140		50	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EA4	SDG No.:	BP110424
Lab Sample ID:	P4568-02	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
BP022831.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.859		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	19.246		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	20.456		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.645		10-140		49	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79682	7.628				
1146-65-2	Naphthalene-d8	309461	10.387				
15067-26-2	Acenaphthene-d10	258967	14.257				
1517-22-2	Phenanthrene-d10	655932	17.063				
1719-03-5	Chrysene-d12	713524	21.498				
1520-96-3	Perylene-d12	847830	24.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-73-1	Benzene, 1,3-dichloro-	5500	J			7.969	
001125-21-9	2,6,6-Trimethyl-2-cyclohexene-1,4-	120	J			9.634	
000608-93-5	Benzene, pentachloro-	93	J			14.581	
000119-61-9	Benzophenone	200	J			15.645	
000057-10-3	n-Hexadecanoic acid	160	J			17.998	
000084-65-1	9,10-Anthracenedione	100	J			18.545	
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EA4DL	SDG No.:	BP110424
Lab Sample ID:	P4568-02DL	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
BP022832.D	5	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

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	870	JD	210	410	1600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	5100	D	200	410	1600	ug/Kg
95-57-8	2-Chlorophenol	2400	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	4800	D	250	210	840	ug/Kg
67-72-1	Hexachloroethane	3400	D	89	210	840	ug/Kg
98-95-3	Nitrobenzene	990	D	150	210	840	ug/Kg
78-59-1	Isophorone	4100	D	240	210	840	ug/Kg
88-75-5	2-Nitrophenol	1200	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	4900	D	210	210	840	ug/Kg
120-83-2	2,4-Dichlorophenol	3000	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	3900	D	220	210	840	ug/Kg
105-60-2	Caprolactam	360	U	360	410	1600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000	D	240	210	840	ug/Kg
90-12-0	1-Methylnaphthalene	160	U	160	210	840	ug/Kg
91-57-6	2-Methylnaphthalene	1500	D	110	210	840	ug/Kg
77-47-4	Hexachlorocyclopentadiene	470	U	470	410	1600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4600	D	240	210	840	ug/Kg
95-95-4	2,4,5-Trichlorophenol	990	D	190	210	840	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EA4DL	SDG No.:	BP110424
Lab Sample ID:	P4568-02DL	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
BP022832.D	5	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

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	6100	D	220	210	840	ug/Kg
208-96-8	Acenaphthylene	530	JD	160	210	840	ug/Kg
99-09-2	3-Nitroaniline	220	U	220	410	1600	ug/Kg
83-32-9	Acenaphthene	3100	D	140	210	840	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	410	1600	ug/Kg
100-02-7	4-Nitrophenol	1300	JD	220	410	1600	ug/Kg
132-64-9	Dibenzofuran	160	U	160	210	840	ug/Kg
121-14-2	2,4-Dinitrotoluene	3700	D	210	210	840	ug/Kg
84-66-2	Diethylphthalate	150	U	150	210	840	ug/Kg
86-73-7	Fluorene	4700	D	120	210	840	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500	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	1100	D	140	210	840	ug/Kg
118-74-1	Hexachlorobenzene	6200	D	160	210	840	ug/Kg
1912-24-9	Atrazine	350	U	350	410	1600	ug/Kg
87-86-5	Pentachlorophenol	4900	D	370	410	1600	ug/Kg
85-01-8	Phenanthrene	1200	D	140	210	840	ug/Kg
608-93-5	Pentachlorobenzene	260	U	260	210	840	ug/Kg
120-12-7	Anthracene	1100	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	3900	D	300	210	840	ug/Kg
206-44-0	Fluoranthene	4300	D	270	410	840	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EA4DL	SDG No.:	BP110424
Lab Sample ID:	P4568-02DL	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
BP022832.D	5	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1800	D	240	210	840	ug/Kg
85-68-7	Butylbenzylphthalate	940	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	3200	D	130	210	840	ug/Kg
218-01-9	Chrysene	4900	D	150	210	840	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4200	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	4400	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	950	D	160	210	840	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	750	JD	150	210	840	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1900	D	140	210	840	ug/Kg
191-24-2	Benzo(g,h,i)perylene	670	JD	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	2.935		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	16.62		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.79		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.065		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	15.7		10-140		39	SPK: -40
4165-60-0	Nitrobenzene-d5	18.835		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.09		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.465		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.93		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.66		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	20.785		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.385		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	21.62		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EA4DL	SDG No.:	BP110424
Lab Sample ID:	P4568-02DL	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
BP022832.D	5	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.19		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	20.96		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	23.5		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.015		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	86351	7.628				
1146-65-2	Naphthalene-d8	322689	10.381				
15067-26-2	Acenaphthene-d10	255518	14.251				
1517-22-2	Phenanthrene-d10	618023	17.057				
1719-03-5	Chrysene-d12	623939	21.48				
1520-96-3	Perylene-d12	761305	24.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-50-1	Benzene, 1,2-dichloro-	5900	JD			7.975	
E966796	Total Alkanes	120	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF6	SDG No.:	BP110424
Lab Sample ID:	P4568-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.5
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
BP022833.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.4	85	ug/Kg
100-52-7	Benzaldehyde	57	U	57	100	420	ug/Kg
110-86-1	Pyridine	42	U	42	210	420	ug/Kg
108-95-2	Phenol	91	J	55	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	51	U	51	100	420	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	54	220	ug/Kg
95-48-7	2-Methylphenol	50	U	50	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	76	U	76	100	420	ug/Kg
98-86-2	Acetophenone	290	J	51	100	420	ug/Kg
106-44-5	4-Methylphenol	47	U	47	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	65	U	65	54	220	ug/Kg
67-72-1	Hexachloroethane	23	U	23	54	220	ug/Kg
98-95-3	Nitrobenzene	39	U	39	54	220	ug/Kg
78-59-1	Isophorone	61	U	61	54	220	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	54	220	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	54	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	54	220	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	54	220	ug/Kg
91-20-3	Naphthalene	32	U	32	54	220	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	54	420	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	54	220	ug/Kg
105-60-2	Caprolactam	91	U	91	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	62	U	62	54	220	ug/Kg
90-12-0	1-Methylnaphthalene	42	U	42	54	220	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	54	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	54	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	54	220	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF6	SDG No.:	BP110424
Lab Sample ID:	P4568-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.5
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
BP022833.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	54	220	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	54	220	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	54	220	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	54	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	56	U	56	54	220	ug/Kg
208-96-8	Acenaphthylene	41	U	41	54	220	ug/Kg
99-09-2	3-Nitroaniline	56	U	56	100	420	ug/Kg
83-32-9	Acenaphthene	37	U	37	54	220	ug/Kg
51-28-5	2,4-Dinitrophenol	61	U	61	100	420	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	100	420	ug/Kg
132-64-9	Dibenzofuran	41	U	41	54	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	54	220	ug/Kg
84-66-2	Diethylphthalate	38	U	38	54	220	ug/Kg
86-73-7	Fluorene	32	U	32	54	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	54	220	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	98	U	98	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	54	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	54	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	54	220	ug/Kg
118-74-1	Hexachlorobenzene	41	U	41	54	220	ug/Kg
1912-24-9	Atrazine	90	U	90	100	420	ug/Kg
87-86-5	Pentachlorophenol	94	U	94	100	420	ug/Kg
85-01-8	Phenanthrene	61	J	37	54	220	ug/Kg
608-93-5	Pentachlorobenzene	66	U	66	54	220	ug/Kg
120-12-7	Anthracene	32	U	32	54	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	63	U	63	54	220	ug/Kg
86-74-8	Carbazole	36	U	36	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	77	U	77	54	220	ug/Kg
206-44-0	Fluoranthene	100	J	69	100	220	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF6	SDG No.:	BP110424
Lab Sample ID:	P4568-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.5
Sample Wt/Vol:	30.1	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
BP022833.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	62	U	62	54	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	54	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	34	U	34	54	220	ug/Kg
218-01-9	Chrysene	46	J	39	54	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	54	220	ug/Kg
117-84-0	Di-n-octyl phthalate	96	U	96	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	54	J	42	54	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	54	220	ug/Kg
50-32-8	Benzo(a)pyrene	41	U	41	54	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	54	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	36	U	36	54	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33	U	33	54	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	54	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.968	*	15-120		12	SPK: -8
7291-22-7	Pyridine-d5	0.758	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	9.346		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.046		10-150		25	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.488		15-120		26	SPK: -40
190780-66-6	4-Methylphenol-d8	8.72		10-140		22	SPK: -40
4165-60-0	Nitrobenzene-d5	10.998		10-135		27	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.948		10-120		27	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	10.307		10-140		26	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.702		1-145		14	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.616		10-145		29	SPK: -40
93951-97-4	Acenaphthylene-d8	10.851		15-120		27	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.37		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	11.651		20-140		29	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF6	SDG No.:	BP110424
Lab Sample ID:	P4568-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.5
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
BP022833.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.421		10-130		16	SPK: -40
1719-06-8	Anthracene-d10	11.004		10-150		28	SPK: -40
1718-52-1	Pyrene-d10	9.981		10-130		25	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	8.193		10-140		20	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92708	7.628				
1146-65-2	Naphthalene-d8	347935	10.387				
15067-26-2	Acenaphthene-d10	276846	14.251				
1517-22-2	Phenanthrene-d10	665146	17.051				
1719-03-5	Chrysene-d12	701885	21.48				
1520-96-3	Perylene-d12	827537	24.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	91	J			17.992	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE6	SDG No.:	BP110424
Lab Sample ID:	P4568-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	52.9
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
BP022834.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	23	U	23	14	140	ug/Kg
100-52-7	Benzaldehyde	96	U	96	180	700	ug/Kg
110-86-1	Pyridine	70	U	70	350	700	ug/Kg
108-95-2	Phenol	180	J	91	180	700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	85	U	85	180	700	ug/Kg
95-57-8	2-Chlorophenol	49	U	49	90.2	360	ug/Kg
95-48-7	2-Methylphenol	83	U	83	180	700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	180	700	ug/Kg
98-86-2	Acetophenone	510	J	85	180	700	ug/Kg
106-44-5	4-Methylphenol	79	U	79	180	700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	90.2	360	ug/Kg
67-72-1	Hexachloroethane	38	U	38	90.2	360	ug/Kg
98-95-3	Nitrobenzene	66	U	66	90.2	360	ug/Kg
78-59-1	Isophorone	100	U	100	90.2	360	ug/Kg
88-75-5	2-Nitrophenol	66	U	66	90.2	360	ug/Kg
105-67-9	2,4-Dimethylphenol	53	U	53	90.2	360	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	91	U	91	90.2	360	ug/Kg
120-83-2	2,4-Dichlorophenol	34	U	34	90.2	360	ug/Kg
91-20-3	Naphthalene	53	U	53	90.2	360	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	90.2	700	ug/Kg
87-68-3	Hexachlorobutadiene	93	U	93	90.2	360	ug/Kg
105-60-2	Caprolactam	150	U	150	180	700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	90.2	360	ug/Kg
90-12-0	1-Methylnaphthalene	70	U	70	90.2	360	ug/Kg
91-57-6	2-Methylnaphthalene	49	U	49	90.2	360	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	180	700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	90.2	360	ug/Kg
95-95-4	2,4,5-Trichlorophenol	83	U	83	90.2	360	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE6	SDG No.:	BP110424
Lab Sample ID:	P4568-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	52.9
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
BP022834.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	51	U	51	90.2	360	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	90.2	360	ug/Kg
88-74-4	2-Nitroaniline	87	U	87	90.2	360	ug/Kg
131-11-3	Dimethylphthalate	62	U	62	90.2	360	ug/Kg
606-20-2	2,6-Dinitrotoluene	93	U	93	90.2	360	ug/Kg
208-96-8	Acenaphthylene	68	U	68	90.2	360	ug/Kg
99-09-2	3-Nitroaniline	93	U	93	180	700	ug/Kg
83-32-9	Acenaphthene	62	U	62	90.2	360	ug/Kg
51-28-5	2,4-Dinitrophenol	100	U	100	180	700	ug/Kg
100-02-7	4-Nitrophenol	93	U	93	180	700	ug/Kg
132-64-9	Dibenzofuran	68	U	68	90.2	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	91	U	91	90.2	360	ug/Kg
84-66-2	Diethylphthalate	64	U	64	90.2	360	ug/Kg
86-73-7	Fluorene	53	U	53	90.2	360	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	42	U	42	90.2	360	ug/Kg
100-01-6	4-Nitroaniline	66	U	66	180	700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	180	700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	70	U	70	90.2	360	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	90.2	360	ug/Kg
101-55-3	4-Bromophenyl-phenylether	62	U	62	90.2	360	ug/Kg
118-74-1	Hexachlorobenzene	68	U	68	90.2	360	ug/Kg
1912-24-9	Atrazine	150	U	150	180	700	ug/Kg
87-86-5	Pentachlorophenol	160	U	160	180	700	ug/Kg
85-01-8	Phenanthrene	260	J	62	90.2	360	ug/Kg
608-93-5	Pentachlorobenzene	110	U	110	90.2	360	ug/Kg
120-12-7	Anthracene	53	U	53	90.2	360	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	110	U	110	90.2	360	ug/Kg
86-74-8	Carbazole	59	U	59	180	700	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	90.2	360	ug/Kg
206-44-0	Fluoranthene	370		110	180	360	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE6	SDG No.:	BP110424
Lab Sample ID:	P4568-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	52.9
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
BP022834.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	200	J	100	90.2	360	ug/Kg
85-68-7	Butylbenzylphthalate	180	U	180	90.2	360	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	180	700	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	57	90.2	360	ug/Kg
218-01-9	Chrysene	150	J	66	90.2	360	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	200	U	200	90.2	360	ug/Kg
117-84-0	Di-n-octyl phthalate	160	U	160	180	700	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	70	90.2	360	ug/Kg
207-08-9	Benzo(k)fluoranthene	81	U	81	90.2	360	ug/Kg
50-32-8	Benzo(a)pyrene	68	U	68	90.2	360	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	66	U	66	90.2	360	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	59	U	59	90.2	360	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55	U	55	90.2	360	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	70	U	70	90.2	360	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.049	*	15-120		13	SPK: -8
7291-22-7	Pyridine-d5	0.832	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	5.965		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	5.891		10-150		15	SPK: -40
93951-73-6	2-Chlorophenol-d4	6.47		15-120		16	SPK: -40
190780-66-6	4-Methylphenol-d8	4.971		10-140		12	SPK: -40
4165-60-0	Nitrobenzene-d5	6.507		10-135		16	SPK: -40
93951-78-1	2-Nitrophenol-d4	6.398		10-120		16	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	6.531		10-140		16	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.016		1-145		5	SPK: -40
85448-30-2	Dimethylphthalate-d6	7.526		10-145		19	SPK: -40
93951-97-4	Acenaphthylene-d8	6.894		15-120		17	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.709	*	10-150		9	SPK: -40
81103-79-9	Fluorene-d10	7.891		20-140		20	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE6	SDG No.:	BP110424
Lab Sample ID:	P4568-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	52.9
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
BP022834.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.019	*	10-130		8	SPK: -40
1719-06-8	Anthracene-d10	7.122		10-150		18	SPK: -40
1718-52-1	Pyrene-d10	6.327		10-130		16	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	4.06		10-140		10	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74727	7.628				
1146-65-2	Naphthalene-d8	286093	10.387				
15067-26-2	Acenaphthene-d10	222359	14.257				
1517-22-2	Phenanthrene-d10	549177	17.057				
1719-03-5	Chrysene-d12	556580	21.48				
1520-96-3	Perylene-d12	701282	24.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	140	J			17.998	
	(DEL) Alkane: Straight-Chain	23.851	J			23.851	
E966796	Total Alkanes	350				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4ED0	SDG No.:	BP110424
Lab Sample ID:	P4581-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022835.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.6	77	ug/Kg
100-52-7	Benzaldehyde	52	U	52	95.4	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	50	U	50	95.4	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	95.4	380	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	49.1	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	95.4	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	69	U	69	95.4	380	ug/Kg
98-86-2	Acetophenone	200	J	46	95.4	380	ug/Kg
106-44-5	4-Methylphenol	43	U	43	95.4	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	59	49.1	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	49.1	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	49.1	200	ug/Kg
78-59-1	Isophorone	55	U	55	49.1	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	49.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	49.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	49.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	49.1	200	ug/Kg
91-20-3	Naphthalene	53	J	29	49.1	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	49.1	380	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	49.1	200	ug/Kg
105-60-2	Caprolactam	83	U	83	95.4	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57	U	57	49.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	49.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	49.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	95.4	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	49.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	49.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4ED0	SDG No.:	BP110424
Lab Sample ID:	P4581-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022835.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	49.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	49.1	200	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	49.1	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	49.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	51	49.1	200	ug/Kg
208-96-8	Acenaphthylene	37	U	37	49.1	200	ug/Kg
99-09-2	3-Nitroaniline	51	U	51	95.4	380	ug/Kg
83-32-9	Acenaphthene	34	U	34	49.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	55	U	55	95.4	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95.4	380	ug/Kg
132-64-9	Dibenzofuran	40	J	37	49.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	50	U	50	49.1	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	49.1	200	ug/Kg
86-73-7	Fluorene	45	J	29	49.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.1	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	95.4	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	89	U	89	95.4	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	49.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	49.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	49.1	200	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	49.1	200	ug/Kg
1912-24-9	Atrazine	82	U	82	95.4	380	ug/Kg
87-86-5	Pentachlorophenol	86	U	86	95.4	380	ug/Kg
85-01-8	Phenanthrene	510		34	49.1	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	49.1	200	ug/Kg
120-12-7	Anthracene	70	J	29	49.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	58	U	58	49.1	200	ug/Kg
86-74-8	Carbazole	46	J	32	95.4	380	ug/Kg
84-74-2	Di-n-butylphthalate	71	U	71	49.1	200	ug/Kg
206-44-0	Fluoranthene	530		62	95.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4ED0	SDG No.:	BP110424
Lab Sample ID:	P4581-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022835.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	240		57	49.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	97	U	97	49.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	95.4	380	ug/Kg
56-55-3	Benzo(a)anthracene	180	J	31	49.1	200	ug/Kg
218-01-9	Chrysene	200		36	49.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	49.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	88	U	88	95.4	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	220		38	49.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	76	J	44	49.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	57	J	37	49.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	J	36	49.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	49.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	49.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	49.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.93	*	15-120		12	SPK: -8
7291-22-7	Pyridine-d5	1.033	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	5.312		10-130		13	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.271		10-150		16	SPK: -40
93951-73-6	2-Chlorophenol-d4	6.244		15-120		16	SPK: -40
190780-66-6	4-Methylphenol-d8	3.18	*	10-140		8	SPK: -40
4165-60-0	Nitrobenzene-d5	6.408		10-135		16	SPK: -40
93951-78-1	2-Nitrophenol-d4	6.635		10-120		17	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	5.785		10-140		14	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.069		1-145		8	SPK: -40
85448-30-2	Dimethylphthalate-d6	7.25		10-145		18	SPK: -40
93951-97-4	Acenaphthylene-d8	6.502		15-120		16	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.976		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	7.225	*	20-140		18	SPK: -40

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4ED0	SDG No.:	BP110424
Lab Sample ID:	P4581-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022835.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.492	*	10-130		9	SPK: -40
1719-06-8	Anthracene-d10	6.953		10-150		17	SPK: -40
1718-52-1	Pyrene-d10	5.41		10-130		14	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	3.592	*	10-140		9	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89870	7.628				
1146-65-2	Naphthalene-d8	341778	10.381				
15067-26-2	Acenaphthene-d10	275472	14.245				
1517-22-2	Phenanthrene-d10	666057	17.045				
1719-03-5	Chrysene-d12	745669	21.486				
1520-96-3	Perylene-d12	848379	24.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	140	J			15.64	
000832-69-9	Phenanthrene, 1-methyl-	77	J			18.004	
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4EA8	SDG No.:	BP110424
Lab Sample ID:	P4581-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022836.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8	81	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	52	U	52	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	51.5	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73	U	73	100	400	ug/Kg
98-86-2	Acetophenone	49	U	49	100	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	51.5	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51.5	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	51.5	210	ug/Kg
78-59-1	Isophorone	58	U	58	51.5	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	51.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	51.5	210	ug/Kg
91-20-3	Naphthalene	30	U	30	51.5	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51.5	400	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	51.5	210	ug/Kg
105-60-2	Caprolactam	87	U	87	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	59	51.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	51.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	51.5	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4EA8	SDG No.:	BP110424
Lab Sample ID:	P4581-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022836.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	51.5	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	51.5	210	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	51.5	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	51.5	210	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	100	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	100	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	100	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	51.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51.5	210	ug/Kg
84-66-2	Diethylphthalate	36	U	36	51.5	210	ug/Kg
86-73-7	Fluorene	30	U	30	51.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.5	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	93	U	93	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51.5	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	51.5	210	ug/Kg
1912-24-9	Atrazine	86	U	86	100	400	ug/Kg
87-86-5	Pentachlorophenol	90	U	90	100	400	ug/Kg
85-01-8	Phenanthrene	35	U	35	51.5	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	51.5	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	51.5	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	51.5	210	ug/Kg
206-44-0	Fluoranthene	65	U	65	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4EA8	SDG No.:	BP110424
Lab Sample ID:	P4581-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022836.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	59	U	59	51.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	51.5	210	ug/Kg
218-01-9	Chrysene	38	U	38	51.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	92	U	92	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	51.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	51.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	51.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	51.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.6		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	13.315		20-120		33	SPK: -40
4165-62-2	Phenol-d5	16.457		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.417		10-150		39	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.43		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	17.446		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	17.607		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.751		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.38		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.417		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.243		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	18.034		15-120		45	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.624		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	18.431		20-140		46	SPK: -40

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4EA8	SDG No.:	BP110424
Lab Sample ID:	P4581-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022836.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.308		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	17.81		10-150		45	SPK: -40
1718-52-1	Pyrene-d10	19.825		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.984		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93081	7.628				
1146-65-2	Naphthalene-d8	355990	10.381				
15067-26-2	Acenaphthene-d10	281323	14.245				
1517-22-2	Phenanthrene-d10	674130	17.057				
1719-03-5	Chrysene-d12	677970	21.474				
1520-96-3	Perylene-d12	792278	24.721				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	330	J			15.633	
000057-10-3	n-Hexadecanoic acid	180	J			17.992	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4EC7	SDG No.:	BP110424
Lab Sample ID:	P4581-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022837.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.8	78	ug/Kg
100-52-7	Benzaldehyde	53	U	53	97	390	ug/Kg
110-86-1	Pyridine	39	U	39	190	390	ug/Kg
108-95-2	Phenol	52	J	51	97	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	97	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	50	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	71	U	71	97	390	ug/Kg
98-86-2	Acetophenone	220	J	47	97	390	ug/Kg
106-44-5	4-Methylphenol	43	U	43	97	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	60	50	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	50	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	50	200	ug/Kg
78-59-1	Isophorone	56	U	56	50	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	50	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	50	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	50	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	50	200	ug/Kg
91-20-3	Naphthalene	29	U	29	50	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	50	390	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	50	200	ug/Kg
105-60-2	Caprolactam	85	U	85	97	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	50	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	50	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	50	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	97	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	50	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	50	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4EC7	SDG No.:	BP110424
Lab Sample ID:	P4581-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022837.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	50	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	50	200	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	50	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	50	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	50	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	50	200	ug/Kg
99-09-2	3-Nitroaniline	52	U	52	97	390	ug/Kg
83-32-9	Acenaphthene	34	U	34	50	200	ug/Kg
51-28-5	2,4-Dinitrophenol	56	U	56	97	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	97	390	ug/Kg
132-64-9	Dibenzofuran	38	U	38	50	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	51	50	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	50	200	ug/Kg
86-73-7	Fluorene	29	U	29	50	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	97	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	91	U	91	97	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	50	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	50	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	50	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	50	200	ug/Kg
1912-24-9	Atrazine	83	U	83	97	390	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	97	390	ug/Kg
85-01-8	Phenanthrene	140	J	34	50	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	50	200	ug/Kg
120-12-7	Anthracene	29	U	29	50	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	59	U	59	50	200	ug/Kg
86-74-8	Carbazole	33	U	33	97	390	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	50	200	ug/Kg
206-44-0	Fluoranthene	180	J	63	97	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4EC7	SDG No.:	BP110424
Lab Sample ID:	P4581-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022837.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	79	J	58	50	200	ug/Kg
85-68-7	Butylbenzylphthalate	99	U	99	50	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	97	390	ug/Kg
56-55-3	Benzo(a)anthracene	81	J	32	50	200	ug/Kg
218-01-9	Chrysene	81	J	36	50	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	50	200	ug/Kg
117-84-0	Di-n-octyl phthalate	89	U	89	97	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	85	J	39	50	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50	200	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	50	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	50	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	50	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	50	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	50	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.105	*	15-120		14	SPK: -8
7291-22-7	Pyridine-d5	1.131	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	6.174		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.619		10-150		17	SPK: -40
93951-73-6	2-Chlorophenol-d4	6.889		15-120		17	SPK: -40
190780-66-6	4-Methylphenol-d8	4.806		10-140		12	SPK: -40
4165-60-0	Nitrobenzene-d5	7.039		10-135		18	SPK: -40
93951-78-1	2-Nitrophenol-d4	6.838		10-120		17	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	6.397		10-140		16	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.94		1-145		10	SPK: -40
85448-30-2	Dimethylphthalate-d6	7.525		10-145		19	SPK: -40
93951-97-4	Acenaphthylene-d8	7.101		15-120		18	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.551		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	7.711	*	20-140		19	SPK: -40

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4EC7	SDG No.:	BP110424
Lab Sample ID:	P4581-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
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
BP022837.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.791	*	10-130		9	SPK: -40
1719-06-8	Anthracene-d10	7.319		10-150		18	SPK: -40
1718-52-1	Pyrene-d10	5.209		10-130		13	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	3.261	*	10-140		8	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70013	7.628				
1146-65-2	Naphthalene-d8	264066	10.381				
15067-26-2	Acenaphthene-d10	212975	14.245				
1517-22-2	Phenanthrene-d10	530518	17.051				
1719-03-5	Chrysene-d12	619115	21.474				
1520-96-3	Perylene-d12	772846	24.721				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	120	J			15.628	
000057-10-3	n-Hexadecanoic acid	91	J			17.98	
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SLCS553	SDG No.:	BP110424
Lab Sample ID:	PB164553BS	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
BP022838.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	290		11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	130	J	45	82.5	330	ug/Kg
110-86-1	Pyridine	770		33	170	330	ug/Kg
108-95-2	Phenol	860		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	810		40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	900		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	860		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	790		60	82.5	330	ug/Kg
98-86-2	Acetophenone	830		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	860		37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	830		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	840		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	840		31	42.5	170	ug/Kg
78-59-1	Isophorone	830		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	890		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	830		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	810		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	940		16	42.5	170	ug/Kg
91-20-3	Naphthalene	850		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	490		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	910		44	42.5	170	ug/Kg
105-60-2	Caprolactam	800		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	900		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	860		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	890		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	460		95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	890		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	920		39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SLCS553	SDG No.:	BP110424
Lab Sample ID:	PB164553BS	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
BP022838.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	850		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	860		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	860		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	840		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	920		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	840		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	820		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	870		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	660		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	820		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	870		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	920		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	890		30	42.5	170	ug/Kg
86-73-7	Fluorene	870		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	890		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	970		31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	780		77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	860		33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	870		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	920		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	920		32	42.5	170	ug/Kg
1912-24-9	Atrazine	880		71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	900		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	860		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	870		52	42.5	170	ug/Kg
120-12-7	Anthracene	860		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	860		50	42.5	170	ug/Kg
86-74-8	Carbazole	860		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	870		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	930		54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SLCS553	SDG No.:	BP110424
Lab Sample ID:	PB164553BS	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
BP022838.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	910		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	890		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	890		48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	880		27	42.5	170	ug/Kg
218-01-9	Chrysene	880		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	890		96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	860		76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	910		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	910		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	870		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	860		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	860		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	850		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	920		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.993		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	23.165		20-120		58	SPK: -40
4165-62-2	Phenol-d5	25.35		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.041		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.511		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	25.428		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	25.956		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.317		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.86		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	23		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.927		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	24.998		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.411		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	25.17		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SLCS553	SDG No.:	BP110424
Lab Sample ID:	PB164553BS	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
BP022838.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.999		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	26.064		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	26.781		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.799		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84463	7.628				
1146-65-2	Naphthalene-d8	329213	10.381				
15067-26-2	Acenaphthene-d10	271136	14.24				
1517-22-2	Phenanthrene-d10	669891	17.057				
1719-03-5	Chrysene-d12	709222	21.474				
1520-96-3	Perylene-d12	824741	24.721				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE5	SDG No.:	BP110424
Lab Sample ID:	P4568-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022839.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.5	75	ug/Kg
100-52-7	Benzaldehyde	51	U	51	93.2	370	ug/Kg
110-86-1	Pyridine	37	U	37	190	370	ug/Kg
108-95-2	Phenol	49	U	49	93.2	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	93.2	370	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	48	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	93.2	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	68	U	68	93.2	370	ug/Kg
98-86-2	Acetophenone	200	J	45	93.2	370	ug/Kg
106-44-5	4-Methylphenol	42	U	42	93.2	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	58	U	58	48	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	48	190	ug/Kg
98-95-3	Nitrobenzene	35	U	35	48	190	ug/Kg
78-59-1	Isophorone	54	U	54	48	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	48	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	48	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	48	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	48	190	ug/Kg
91-20-3	Naphthalene	28	U	28	48	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	48	370	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	48	190	ug/Kg
105-60-2	Caprolactam	81	U	81	93.2	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55	U	55	48	190	ug/Kg
90-12-0	1-Methylnaphthalene	37	U	37	48	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	48	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	93.2	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	48	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	48	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE5	SDG No.:	BP110424
Lab Sample ID:	P4568-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022839.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	48	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	48	190	ug/Kg
88-74-4	2-Nitroaniline	46	U	46	48	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	48	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	50	48	190	ug/Kg
208-96-8	Acenaphthylene	36	U	36	48	190	ug/Kg
99-09-2	3-Nitroaniline	50	U	50	93.2	370	ug/Kg
83-32-9	Acenaphthene	33	U	33	48	190	ug/Kg
51-28-5	2,4-Dinitrophenol	54	U	54	93.2	370	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	93.2	370	ug/Kg
132-64-9	Dibenzofuran	36	U	36	48	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	49	U	49	48	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	48	190	ug/Kg
86-73-7	Fluorene	28	U	28	48	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48	190	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	93.2	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87	U	87	93.2	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	37	U	37	48	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	48	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	48	190	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	48	190	ug/Kg
1912-24-9	Atrazine	80	U	80	93.2	370	ug/Kg
87-86-5	Pentachlorophenol	84	U	84	93.2	370	ug/Kg
85-01-8	Phenanthrene	230		33	48	190	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	48	190	ug/Kg
120-12-7	Anthracene	45	J	28	48	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	57	U	57	48	190	ug/Kg
86-74-8	Carbazole	32	U	32	93.2	370	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	48	190	ug/Kg
206-44-0	Fluoranthene	390		61	93.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE5	SDG No.:	BP110424
Lab Sample ID:	P4568-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022839.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	180	J	55	48	190	ug/Kg
85-68-7	Butylbenzylphthalate	95	U	95	48	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54	U	54	93.2	370	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	31	48	190	ug/Kg
218-01-9	Chrysene	150	J	35	48	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	48	190	ug/Kg
117-84-0	Di-n-octyl phthalate	86	U	86	93.2	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	J	37	48	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	64	J	43	48	190	ug/Kg
50-32-8	Benzo(a)pyrene	45	J	36	48	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	48	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	48	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	48	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	48	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.345		15-120		17	SPK: -8
7291-22-7	Pyridine-d5	1.132	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	6.03		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.996		10-150		17	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.333		15-120		18	SPK: -40
190780-66-6	4-Methylphenol-d8	6.228		10-140		16	SPK: -40
4165-60-0	Nitrobenzene-d5	6.946		10-135		17	SPK: -40
93951-78-1	2-Nitrophenol-d4	6.688		10-120		17	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	6.919		10-140		17	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.705		1-145		7	SPK: -40
85448-30-2	Dimethylphthalate-d6	7.619		10-145		19	SPK: -40
93951-97-4	Acenaphthylene-d8	7.269		15-120		18	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.607	*	10-150		9	SPK: -40
81103-79-9	Fluorene-d10	7.979		20-140		20	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE5	SDG No.:	BP110424
Lab Sample ID:	P4568-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022839.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.687	*	10-130		7	SPK: -40
1719-06-8	Anthracene-d10	7.489		10-150		19	SPK: -40
1718-52-1	Pyrene-d10	5.57		10-130		14	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	3.56	*	10-140		9	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77194	7.628				
1146-65-2	Naphthalene-d8	293627	10.375				
15067-26-2	Acenaphthene-d10	239427	14.245				
1517-22-2	Phenanthrene-d10	590076	17.051				
1719-03-5	Chrysene-d12	643128	21.48				
1520-96-3	Perylene-d12	781295	24.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	110	J			17.986	
E966796	Total Alkanes	27	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB2	SDG No.:	BP110424
Lab Sample ID:	P4581-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18
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
BP022840.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8	81	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	52	U	52	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	51.7	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73	U	73	100	400	ug/Kg
98-86-2	Acetophenone	200	J	49	100	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	51.7	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51.7	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	51.7	210	ug/Kg
78-59-1	Isophorone	58	U	58	51.7	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	51.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	51.7	210	ug/Kg
91-20-3	Naphthalene	30	U	30	51.7	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51.7	400	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	51.7	210	ug/Kg
105-60-2	Caprolactam	88	U	88	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	51.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	51.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	51.7	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB2	SDG No.:	BP110424
Lab Sample ID:	P4581-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18
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
BP022840.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	51.7	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	51.7	210	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	51.7	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	51.7	210	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	100	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51.7	210	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	100	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	100	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	51.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51.7	210	ug/Kg
84-66-2	Diethylphthalate	36	U	36	51.7	210	ug/Kg
86-73-7	Fluorene	30	U	30	51.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.7	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	94	U	94	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51.7	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	51.7	210	ug/Kg
1912-24-9	Atrazine	86	U	86	100	400	ug/Kg
87-86-5	Pentachlorophenol	90	U	90	100	400	ug/Kg
85-01-8	Phenanthrene	35	U	35	51.7	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	51.7	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	51.7	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	51.7	210	ug/Kg
206-44-0	Fluoranthene	69	J	66	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB2	SDG No.:	BP110424
Lab Sample ID:	P4581-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022840.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60	U	60	51.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	51.7	210	ug/Kg
218-01-9	Chrysene	38	U	38	51.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	92	U	92	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	51.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	51.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	51.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	51.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.134	*	15-120		14	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	6.079		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.024		10-150		18	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.228		15-120		18	SPK: -40
190780-66-6	4-Methylphenol-d8	4.829		10-140		12	SPK: -40
4165-60-0	Nitrobenzene-d5	7.058		10-135		18	SPK: -40
93951-78-1	2-Nitrophenol-d4	7.226		10-120		18	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	6.861		10-140		17	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.614		1-145		9	SPK: -40
85448-30-2	Dimethylphthalate-d6	8.147		10-145		20	SPK: -40
93951-97-4	Acenaphthylene-d8	7.304		15-120		18	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.145		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	8.184		20-140		20	SPK: -40

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB2	SDG No.:	BP110424
Lab Sample ID:	P4581-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18
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
BP022840.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.386		10-130		11	SPK: -40
1719-06-8	Anthracene-d10	7.587		10-150		19	SPK: -40
1718-52-1	Pyrene-d10	5.933		10-130		15	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	3.258	*	10-140		8	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97682	7.628				
1146-65-2	Naphthalene-d8	378922	10.381				
15067-26-2	Acenaphthene-d10	308741	14.245				
1517-22-2	Phenanthrene-d10	743626	17.051				
1719-03-5	Chrysene-d12	732715	21.48				
1520-96-3	Perylene-d12	864350	24.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	120	J			17.986	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB4	SDG No.:	BP110424
Lab Sample ID:	P4581-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
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
BP022841.D	1	10/31/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8	81	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	52	U	52	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	100	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	51.5	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73	U	73	100	400	ug/Kg
98-86-2	Acetophenone	180	J	48	100	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	51.5	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51.5	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	51.5	210	ug/Kg
78-59-1	Isophorone	58	U	58	51.5	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	51.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	51.5	210	ug/Kg
91-20-3	Naphthalene	30	U	30	51.5	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51.5	400	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	51.5	210	ug/Kg
105-60-2	Caprolactam	87	U	87	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	59	51.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	51.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	51.5	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB4	SDG No.:	BP110424
Lab Sample ID:	P4581-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
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
BP022841.D	1	10/31/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	51.5	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	51.5	210	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	51.5	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	51.5	210	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	100	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	100	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	100	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	51.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51.5	210	ug/Kg
84-66-2	Diethylphthalate	36	U	36	51.5	210	ug/Kg
86-73-7	Fluorene	30	U	30	51.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.5	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	93	U	93	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51.5	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	51.5	210	ug/Kg
1912-24-9	Atrazine	86	U	86	100	400	ug/Kg
87-86-5	Pentachlorophenol	90	U	90	100	400	ug/Kg
85-01-8	Phenanthrene	35	U	35	51.5	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	51.5	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	51.5	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	51.5	210	ug/Kg
206-44-0	Fluoranthene	65	U	65	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB4	SDG No.:	BP110424
Lab Sample ID:	P4581-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022841.D	1	10/31/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	59	U	59	51.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	51.5	210	ug/Kg
218-01-9	Chrysene	38	U	38	51.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	92	U	92	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	51.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	51.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	51.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	51.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.901	*	15-120		11	SPK: -8
7291-22-7	Pyridine-d5	1.273	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	5.492		10-130		14	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	5.807		10-150		15	SPK: -40
93951-73-6	2-Chlorophenol-d4	6.369		15-120		16	SPK: -40
190780-66-6	4-Methylphenol-d8	4.254		10-140		11	SPK: -40
4165-60-0	Nitrobenzene-d5	6.155		10-135		15	SPK: -40
93951-78-1	2-Nitrophenol-d4	6.015		10-120		15	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	6.067		10-140		15	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.167		1-145		10	SPK: -40
85448-30-2	Dimethylphthalate-d6	6.679		10-145		17	SPK: -40
93951-97-4	Acenaphthylene-d8	6.292		15-120		16	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.76	*	10-150		9	SPK: -40
81103-79-9	Fluorene-d10	7.02	*	20-140		18	SPK: -40

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB4	SDG No.:	BP110424
Lab Sample ID:	P4581-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
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
BP022841.D	1	10/31/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.045	*	10-130		8	SPK: -40
1719-06-8	Anthracene-d10	6.609		10-150		17	SPK: -40
1718-52-1	Pyrene-d10	4.84		10-130		12	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	2.877	*	10-140		7	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77456	7.628				
1146-65-2	Naphthalene-d8	296638	10.381				
15067-26-2	Acenaphthene-d10	241944	14.251				
1517-22-2	Phenanthrene-d10	600443	17.057				
1719-03-5	Chrysene-d12	667178	21.486				
1520-96-3	Perylene-d12	801696	24.721				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB1	SDG No.:	BP110424
Lab Sample ID:	P4581-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.4
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
BP022842.D	1	10/31/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164553

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	51	U	51	92.8	370	ug/Kg
110-86-1	Pyridine	37	U	37	190	370	ug/Kg
108-95-2	Phenol	48	U	48	92.8	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	92.8	370	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	47.8	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	92.8	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	67	U	67	92.8	370	ug/Kg
98-86-2	Acetophenone	160	J	45	92.8	370	ug/Kg
106-44-5	4-Methylphenol	42	U	42	92.8	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	57	U	57	47.8	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	47.8	190	ug/Kg
98-95-3	Nitrobenzene	35	U	35	47.8	190	ug/Kg
78-59-1	Isophorone	54	U	54	47.8	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	47.8	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	47.8	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	47.8	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	47.8	190	ug/Kg
91-20-3	Naphthalene	28	U	28	47.8	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	47.8	370	ug/Kg
87-68-3	Hexachlorobutadiene	49	U	49	47.8	190	ug/Kg
105-60-2	Caprolactam	81	U	81	92.8	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55	U	55	47.8	190	ug/Kg
90-12-0	1-Methylnaphthalene	37	U	37	47.8	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	47.8	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.8	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	47.8	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	47.8	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB1	SDG No.:	BP110424
Lab Sample ID:	P4581-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.4
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
BP022842.D	1	10/31/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	47.8	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	47.8	190	ug/Kg
88-74-4	2-Nitroaniline	46	U	46	47.8	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	47.8	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	49	U	49	47.8	190	ug/Kg
208-96-8	Acenaphthylene	36	U	36	47.8	190	ug/Kg
99-09-2	3-Nitroaniline	49	U	49	92.8	370	ug/Kg
83-32-9	Acenaphthene	33	U	33	47.8	190	ug/Kg
51-28-5	2,4-Dinitrophenol	54	U	54	92.8	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.8	370	ug/Kg
132-64-9	Dibenzofuran	36	U	36	47.8	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	48	U	48	47.8	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	47.8	190	ug/Kg
86-73-7	Fluorene	28	U	28	47.8	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.8	190	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	92.8	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87	U	87	92.8	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	37	U	37	47.8	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	47.8	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	47.8	190	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	47.8	190	ug/Kg
1912-24-9	Atrazine	80	U	80	92.8	370	ug/Kg
87-86-5	Pentachlorophenol	83	U	83	92.8	370	ug/Kg
85-01-8	Phenanthrene	33	U	33	47.8	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	47.8	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.8	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	56	U	56	47.8	190	ug/Kg
86-74-8	Carbazole	31	U	31	92.8	370	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	47.8	190	ug/Kg
206-44-0	Fluoranthene	61	U	61	92.8	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB1	SDG No.:	BP110424
Lab Sample ID:	P4581-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022842.D	1	10/31/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	47.8	190	ug/Kg
85-68-7	Butylbenzylphthalate	94	U	94	47.8	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54	U	54	92.8	370	ug/Kg
56-55-3	Benzo(a)anthracene	30	U	30	47.8	190	ug/Kg
218-01-9	Chrysene	35	U	35	47.8	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	47.8	190	ug/Kg
117-84-0	Di-n-octyl phthalate	85	U	85	92.8	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	47.8	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	47.8	190	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	47.8	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	47.8	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	47.8	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	47.8	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	47.8	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.063	*	15-120		13	SPK: -8
7291-22-7	Pyridine-d5	0.881	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	5.328		10-130		13	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	5.909		10-150		15	SPK: -40
93951-73-6	2-Chlorophenol-d4	6.232		15-120		16	SPK: -40
190780-66-6	4-Methylphenol-d8	3.605	*	10-140		9	SPK: -40
4165-60-0	Nitrobenzene-d5	6.623		10-135		17	SPK: -40
93951-78-1	2-Nitrophenol-d4	6.392		10-120		16	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	5.957		10-140		15	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.536		1-145		9	SPK: -40
85448-30-2	Dimethylphthalate-d6	6.91		10-145		17	SPK: -40
93951-97-4	Acenaphthylene-d8	6.354		15-120		16	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.914		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	7.278	*	20-140		18	SPK: -40

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB1	SDG No.:	BP110424
Lab Sample ID:	P4581-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.4
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
BP022842.D	1	10/31/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.16	*	10-130		8	SPK: -40
1719-06-8	Anthracene-d10	6.878		10-150		17	SPK: -40
1718-52-1	Pyrene-d10	4.708		10-130		12	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	2.841	*	10-140		7	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77944	7.628				
1146-65-2	Naphthalene-d8	289924	10.375				
15067-26-2	Acenaphthene-d10	239564	14.239				
1517-22-2	Phenanthrene-d10	581749	17.051				
1719-03-5	Chrysene-d12	644413	21.486				
1520-96-3	Perylene-d12	800710	24.721				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	87	J			17.98	
E966796	Total Alkanes	27	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SLCS462	SDG No.:	BP110424
Lab Sample ID:	PB164462BS	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
BP022843.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	240		11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	100	J	45	82.5	330	ug/Kg
110-86-1	Pyridine	660		33	170	330	ug/Kg
108-95-2	Phenol	770		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	710		40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	800		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	770		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	710		60	82.5	330	ug/Kg
98-86-2	Acetophenone	740		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	770		37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	740		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	770		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	740		31	42.5	170	ug/Kg
78-59-1	Isophorone	740		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	800		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	710		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	730		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	840		16	42.5	170	ug/Kg
91-20-3	Naphthalene	760		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	420		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	790		44	42.5	170	ug/Kg
105-60-2	Caprolactam	740		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	830		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	780		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	790		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	410		95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	800		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	830		39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SLCS462	SDG No.:	BP110424
Lab Sample ID:	PB164462BS	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
BP022843.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	760		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	760		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	770		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	760		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	830		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	760		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	760		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	770		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	650		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	740		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	780		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	820		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	780		30	42.5	170	ug/Kg
86-73-7	Fluorene	780		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	790		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	860		31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	710		77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	740		33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	770		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	810		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	810		32	42.5	170	ug/Kg
1912-24-9	Atrazine	800		71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	810		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	760		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	750		52	42.5	170	ug/Kg
120-12-7	Anthracene	760		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	740		50	42.5	170	ug/Kg
86-74-8	Carbazole	760		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	790		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	800		54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SLCS462	SDG No.:	BP110424
Lab Sample ID:	PB164462BS	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
BP022843.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	790		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	790		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	790		48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	760		27	42.5	170	ug/Kg
218-01-9	Chrysene	760		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	780		96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	790		76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	780		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	800		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	770		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	770		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	760		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	770		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	840		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.657		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	20.039		20-120		50	SPK: -40
4165-62-2	Phenol-d5	22.147		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.281		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.451		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	23.168		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	22.387		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.986		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.694		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.272		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.237		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.77		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.316		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	22.814		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SLCS462	SDG No.:	BP110424
Lab Sample ID:	PB164462BS	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
BP022843.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.724		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	22.888		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	23.119		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.443		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92040	7.622				
1146-65-2	Naphthalene-d8	357009	10.375				
15067-26-2	Acenaphthene-d10	293557	14.228				
1517-22-2	Phenanthrene-d10	743473	17.051				
1719-03-5	Chrysene-d12	833883	21.486				
1520-96-3	Perylene-d12	949981	24.721				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SBLK553	SDG No.:	BP110424
Lab Sample ID:	PB164553BL	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
BP022845.D	1	10/31/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164553

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:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SBLK553	SDG No.:	BP110424
Lab Sample ID:	PB164553BL	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
BP022845.D	1	10/31/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164553

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:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SBLK553	SDG No.:	BP110424
Lab Sample ID:	PB164553BL	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
BP022845.D	1	10/31/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164553

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	3.699		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	19.793		20-120		49	SPK: -40
4165-62-2	Phenol-d5	21.311		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.897		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.877		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	22.309		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	23.073		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.012		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.752		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.028		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.79		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	22.907		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.399		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	23.296		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SBLK553	SDG No.:	BP110424
Lab Sample ID:	PB164553BL	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
BP022845.D	1	10/31/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.527		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	23.806		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	24.477		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.364		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90363	7.628				
1146-65-2	Naphthalene-d8	352454	10.381				
15067-26-2	Acenaphthene-d10	281962	14.24				
1517-22-2	Phenanthrene-d10	665439	17.045				
1719-03-5	Chrysene-d12	702223	21.492				
1520-96-3	Perylene-d12	802984	24.733				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF5	SDG No.:	BP110424
Lab Sample ID:	P4568-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	60.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022846.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	28	U	28	16.7	170	ug/Kg
100-52-7	Benzaldehyde	110	U	110	210	840	ug/Kg
110-86-1	Pyridine	84	U	84	420	840	ug/Kg
108-95-2	Phenol	110	U	110	210	840	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	100	U	100	210	840	ug/Kg
95-57-8	2-Chlorophenol	58	U	58	110	430	ug/Kg
95-48-7	2-Methylphenol	99	U	99	210	840	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	150	210	840	ug/Kg
98-86-2	Acetophenone	100	U	100	210	840	ug/Kg
106-44-5	4-Methylphenol	94	U	94	210	840	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	130	U	130	110	430	ug/Kg
67-72-1	Hexachloroethane	46	U	46	110	430	ug/Kg
98-95-3	Nitrobenzene	79	U	79	110	430	ug/Kg
78-59-1	Isophorone	120	U	120	110	430	ug/Kg
88-75-5	2-Nitrophenol	79	U	79	110	430	ug/Kg
105-67-9	2,4-Dimethylphenol	63	U	63	110	430	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	110	U	110	110	430	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	110	430	ug/Kg
91-20-3	Naphthalene	63	U	63	110	430	ug/Kg
106-47-8	4-Chloroaniline	61	U	61	110	840	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	110	430	ug/Kg
105-60-2	Caprolactam	180	U	180	210	840	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	110	430	ug/Kg
90-12-0	1-Methylnaphthalene	84	U	84	110	430	ug/Kg
91-57-6	2-Methylnaphthalene	58	U	58	110	430	ug/Kg
77-47-4	Hexachlorocyclopentadiene	240	U	240	210	840	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	110	430	ug/Kg
95-95-4	2,4,5-Trichlorophenol	99	U	99	110	430	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF5	SDG No.:	BP110424
Lab Sample ID:	P4568-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	60.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022846.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	61	U	61	110	430	ug/Kg
91-58-7	2-Chloronaphthalene	66	U	66	110	430	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	110	430	ug/Kg
131-11-3	Dimethylphthalate	74	U	74	110	430	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	110	430	ug/Kg
208-96-8	Acenaphthylene	81	U	81	110	430	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	210	840	ug/Kg
83-32-9	Acenaphthene	74	U	74	110	430	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	210	840	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	210	840	ug/Kg
132-64-9	Dibenzofuran	81	U	81	110	430	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	110	430	ug/Kg
84-66-2	Diethylphthalate	76	U	76	110	430	ug/Kg
86-73-7	Fluorene	63	U	63	110	430	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51	U	51	110	430	ug/Kg
100-01-6	4-Nitroaniline	79	U	79	210	840	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	200	U	200	210	840	ug/Kg
86-30-6	N-Nitrosodiphenylamine	84	U	84	110	430	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	110	430	ug/Kg
101-55-3	4-Bromophenyl-phenylether	74	U	74	110	430	ug/Kg
118-74-1	Hexachlorobenzene	81	U	81	110	430	ug/Kg
1912-24-9	Atrazine	180	U	180	210	840	ug/Kg
87-86-5	Pentachlorophenol	190	U	190	210	840	ug/Kg
85-01-8	Phenanthrene	210	J	74	110	430	ug/Kg
608-93-5	Pentachlorobenzene	130	U	130	110	430	ug/Kg
120-12-7	Anthracene	63	U	63	110	430	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	130	U	130	110	430	ug/Kg
86-74-8	Carbazole	71	U	71	210	840	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	150	110	430	ug/Kg
206-44-0	Fluoranthene	300	J	140	210	430	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF5	SDG No.:	BP110424
Lab Sample ID:	P4568-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	60.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022846.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	260	J	120	110	430	ug/Kg
85-68-7	Butylbenzylphthalate	210	U	210	110	430	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	210	840	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	68	110	430	ug/Kg
218-01-9	Chrysene	160	J	79	110	430	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	240	U	240	110	430	ug/Kg
117-84-0	Di-n-octyl phthalate	190	U	190	210	840	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	J	84	110	430	ug/Kg
207-08-9	Benzo(k)fluoranthene	96	U	96	110	430	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	81	110	430	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	79	U	79	110	430	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	71	U	71	110	430	ug/Kg
191-24-2	Benzo(g,h,i)perylene	99	J	66	110	430	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	84	U	84	110	430	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.636		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	17.655		20-120		44	SPK: -40
4165-62-2	Phenol-d5	21.799		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.013		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.171		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	24.416		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	24.907		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.094		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.151		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.321		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.852		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	26.929		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.24		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	28.405		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF5	SDG No.:	BP110424
Lab Sample ID:	P4568-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	60.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022846.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.038		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	28.531		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	27.517		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.859		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60137	7.628				
1146-65-2	Naphthalene-d8	224823	10.381				
15067-26-2	Acenaphthene-d10	180297	14.24				
1517-22-2	Phenanthrene-d10	456023	17.057				
1719-03-5	Chrysene-d12	557291	21.486				
1520-96-3	Perylene-d12	732252	24.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	480	J			15.634	
000057-10-3	n-Hexadecanoic acid	420	J			17.998	
	(DEL) Alkane: Straight-Chain	23.863	J			23.863	
E966796	Total Alkanes	320				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF5MS	SDG No.:	BP110424
Lab Sample ID:	P4568-04MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	60.7
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022847.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	840		28	16.8	170	ug/Kg
100-52-7	Benzaldehyde	360	J	110	210	840	ug/Kg
110-86-1	Pyridine	2300		84	420	840	ug/Kg
108-95-2	Phenol	2800		110	210	840	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	2600		100	210	840	ug/Kg
95-57-8	2-Chlorophenol	2900		58	110	430	ug/Kg
95-48-7	2-Methylphenol	2800		99	210	840	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2600		150	210	840	ug/Kg
98-86-2	Acetophenone	2700		100	210	840	ug/Kg
106-44-5	4-Methylphenol	2800		94	210	840	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2700		130	110	430	ug/Kg
67-72-1	Hexachloroethane	2700		46	110	430	ug/Kg
98-95-3	Nitrobenzene	2700		79	110	430	ug/Kg
78-59-1	Isophorone	2700		120	110	430	ug/Kg
88-75-5	2-Nitrophenol	2900		79	110	430	ug/Kg
105-67-9	2,4-Dimethylphenol	2900		64	110	430	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	2700		110	110	430	ug/Kg
120-83-2	2,4-Dichlorophenol	3100		41	110	430	ug/Kg
91-20-3	Naphthalene	2800		64	110	430	ug/Kg
106-47-8	4-Chloroaniline	1600		61	110	840	ug/Kg
87-68-3	Hexachlorobutadiene	3000		110	110	430	ug/Kg
105-60-2	Caprolactam	2700		180	210	840	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3000		120	110	430	ug/Kg
90-12-0	1-Methylnaphthalene	2800		84	110	430	ug/Kg
91-57-6	2-Methylnaphthalene	2900		58	110	430	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1600		240	210	840	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2900		120	110	430	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3000		99	110	430	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF5MS	SDG No.:	BP110424
Lab Sample ID:	P4568-04MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	60.7
Sample Wt/Vol:	30.05 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
BP022847.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	2800		61	110	430	ug/Kg
91-58-7	2-Chloronaphthalene	2800		66	110	430	ug/Kg
88-74-4	2-Nitroaniline	2700		100	110	430	ug/Kg
131-11-3	Dimethylphthalate	2700		74	110	430	ug/Kg
606-20-2	2,6-Dinitrotoluene	3000		110	110	430	ug/Kg
208-96-8	Acenaphthylene	2700		81	110	430	ug/Kg
99-09-2	3-Nitroaniline	2700		110	210	840	ug/Kg
83-32-9	Acenaphthene	2800		74	110	430	ug/Kg
51-28-5	2,4-Dinitrophenol	2300		120	210	840	ug/Kg
100-02-7	4-Nitrophenol	2600		110	210	840	ug/Kg
132-64-9	Dibenzofuran	2800		81	110	430	ug/Kg
121-14-2	2,4-Dinitrotoluene	2900		110	110	430	ug/Kg
84-66-2	Diethylphthalate	2800		76	110	430	ug/Kg
86-73-7	Fluorene	2800		64	110	430	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2900		51	110	430	ug/Kg
100-01-6	4-Nitroaniline	3000		79	210	840	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2500		200	210	840	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2800		84	110	430	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2800		61	110	430	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3100		74	110	430	ug/Kg
118-74-1	Hexachlorobenzene	3100		81	110	430	ug/Kg
1912-24-9	Atrazine	3000		180	210	840	ug/Kg
87-86-5	Pentachlorophenol	3000		190	210	840	ug/Kg
85-01-8	Phenanthrene	2900		74	110	430	ug/Kg
608-93-5	Pentachlorobenzene	2900		130	110	430	ug/Kg
120-12-7	Anthracene	2800		64	110	430	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2900		130	110	430	ug/Kg
86-74-8	Carbazole	2800		71	210	840	ug/Kg
84-74-2	Di-n-butylphthalate	2900		150	110	430	ug/Kg
206-44-0	Fluoranthene	3300		140	210	430	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF5MS	SDG No.:	BP110424
Lab Sample ID:	P4568-04MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	60.7
Sample Wt/Vol:	30.05	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
BP022847.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3200		120	110	430	ug/Kg
85-68-7	Butylbenzylphthalate	3000		210	110	430	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2500		120	210	840	ug/Kg
56-55-3	Benzo(a)anthracene	2800		69	110	430	ug/Kg
218-01-9	Chrysene	2900		79	110	430	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2900		240	110	430	ug/Kg
117-84-0	Di-n-octyl phthalate	2900		190	210	840	ug/Kg
205-99-2	Benzo(b)fluoranthene	3000		84	110	430	ug/Kg
207-08-9	Benzo(k)fluoranthene	2900		97	110	430	ug/Kg
50-32-8	Benzo(a)pyrene	2900		81	110	430	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2900		79	110	430	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2900		71	110	430	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2800		66	110	430	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3000		84	110	430	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.691		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	14.384		20-120		36	SPK: -40
4165-62-2	Phenol-d5	17.712		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.886		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.324		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	19.151		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	19.084		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.13		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.904		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.656		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.668		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	20.073		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.243		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	20.636		20-140		52	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF5MS	SDG No.:	BP110424
Lab Sample ID:	P4568-04MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	60.7
Sample Wt/Vol:	30.05 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
BP022847.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.874		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	21.09		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	22.379		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.632		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89692	7.628				
1146-65-2	Naphthalene-d8	345184	10.387				
15067-26-2	Acenaphthene-d10	287898	14.251				
1517-22-2	Phenanthrene-d10	681632	17.051				
1719-03-5	Chrysene-d12	697917	21.486				
1520-96-3	Perylene-d12	804674	24.733				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	61	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF5MSD	SDG No.:	BP110424
Lab Sample ID:	P4568-05MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	60.7
Sample Wt/Vol:	30.03	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
BP022848.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	860		28	16.8	170	ug/Kg
100-52-7	Benzaldehyde	370	J	110	210	840	ug/Kg
110-86-1	Pyridine	2500		84	420	840	ug/Kg
108-95-2	Phenol	2800		110	210	840	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	2600		100	210	840	ug/Kg
95-57-8	2-Chlorophenol	2900		58	110	430	ug/Kg
95-48-7	2-Methylphenol	2800		99	210	840	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2500		150	210	840	ug/Kg
98-86-2	Acetophenone	2700		100	210	840	ug/Kg
106-44-5	4-Methylphenol	2800		94	210	840	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2600		130	110	430	ug/Kg
67-72-1	Hexachloroethane	2800		46	110	430	ug/Kg
98-95-3	Nitrobenzene	2800		79	110	430	ug/Kg
78-59-1	Isophorone	2700		120	110	430	ug/Kg
88-75-5	2-Nitrophenol	3000		79	110	430	ug/Kg
105-67-9	2,4-Dimethylphenol	2900		64	110	430	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	2600		110	110	430	ug/Kg
120-83-2	2,4-Dichlorophenol	3100		41	110	430	ug/Kg
91-20-3	Naphthalene	2900		64	110	430	ug/Kg
106-47-8	4-Chloroaniline	1700		61	110	840	ug/Kg
87-68-3	Hexachlorobutadiene	2900		110	110	430	ug/Kg
105-60-2	Caprolactam	2700		180	210	840	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3000		120	110	430	ug/Kg
90-12-0	1-Methylnaphthalene	2800		84	110	430	ug/Kg
91-57-6	2-Methylnaphthalene	2900		58	110	430	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1500		240	210	840	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3100		120	110	430	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3200		99	110	430	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF5MSD	SDG No.:	BP110424
Lab Sample ID:	P4568-05MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	60.7
Sample Wt/Vol:	30.03 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
BP022848.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	2900		61	110	430	ug/Kg
91-58-7	2-Chloronaphthalene	3000		66	110	430	ug/Kg
88-74-4	2-Nitroaniline	2900		100	110	430	ug/Kg
131-11-3	Dimethylphthalate	2800		74	110	430	ug/Kg
606-20-2	2,6-Dinitrotoluene	3100		110	110	430	ug/Kg
208-96-8	Acenaphthylene	2900		81	110	430	ug/Kg
99-09-2	3-Nitroaniline	2900		110	210	840	ug/Kg
83-32-9	Acenaphthene	2900		74	110	430	ug/Kg
51-28-5	2,4-Dinitrophenol	2300		120	210	840	ug/Kg
100-02-7	4-Nitrophenol	2800		110	210	840	ug/Kg
132-64-9	Dibenzofuran	2900		81	110	430	ug/Kg
121-14-2	2,4-Dinitrotoluene	3200		110	110	430	ug/Kg
84-66-2	Diethylphthalate	2900		76	110	430	ug/Kg
86-73-7	Fluorene	3000		64	110	430	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3000		51	110	430	ug/Kg
100-01-6	4-Nitroaniline	3300		79	210	840	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2400		200	210	840	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2800		84	110	430	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	3000		61	110	430	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3100		74	110	430	ug/Kg
118-74-1	Hexachlorobenzene	3000		81	110	430	ug/Kg
1912-24-9	Atrazine	3000		180	210	840	ug/Kg
87-86-5	Pentachlorophenol	3100		190	210	840	ug/Kg
85-01-8	Phenanthrene	3000		74	110	430	ug/Kg
608-93-5	Pentachlorobenzene	2800		130	110	430	ug/Kg
120-12-7	Anthracene	2800		64	110	430	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2900		130	110	430	ug/Kg
86-74-8	Carbazole	2800		71	210	840	ug/Kg
84-74-2	Di-n-butylphthalate	2800		160	110	430	ug/Kg
206-44-0	Fluoranthene	3400		140	210	430	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF5MSD	SDG No.:	BP110424
Lab Sample ID:	P4568-05MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	60.7
Sample Wt/Vol:	30.03	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
BP022848.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3300		120	110	430	ug/Kg
85-68-7	Butylbenzylphthalate	3000		210	110	430	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2400		120	210	840	ug/Kg
56-55-3	Benzo(a)anthracene	3000		69	110	430	ug/Kg
218-01-9	Chrysene	3100		79	110	430	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3000		240	110	430	ug/Kg
117-84-0	Di-n-octyl phthalate	2900		190	210	840	ug/Kg
205-99-2	Benzo(b)fluoranthene	3100		84	110	430	ug/Kg
207-08-9	Benzo(k)fluoranthene	3000		97	110	430	ug/Kg
50-32-8	Benzo(a)pyrene	3000		81	110	430	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3000		79	110	430	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2900		71	110	430	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2900		66	110	430	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3200		84	110	430	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.705		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	14.953		20-120		37	SPK: -40
4165-62-2	Phenol-d5	18.357		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.449		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.522		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	19.53		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	19.607		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.927		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.154		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.503		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.794		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	21.118		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.157		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	22.258		20-140		56	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF5MSD	SDG No.:	BP110424
Lab Sample ID:	P4568-05MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	60.7
Sample Wt/Vol:	30.03 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
BP022848.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.28		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	21.045		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	23.129		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.574		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93205	7.622				
1146-65-2	Naphthalene-d8	355430	10.375				
15067-26-2	Acenaphthene-d10	281228	14.245				
1517-22-2	Phenanthrene-d10	711101	17.051				
1719-03-5	Chrysene-d12	721001	21.486				
1520-96-3	Perylene-d12	861945	24.727				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	61	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE4	SDG No.:	BP110424
Lab Sample ID:	P4568-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022849.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.2	83	ug/Kg
100-52-7	Benzaldehyde	56	J	56	100	410	ug/Kg
110-86-1	Pyridine	41	U	41	210	410	ug/Kg
108-95-2	Phenol	120	J	54	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	50	U	50	100	410	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	52.9	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	75	U	75	100	410	ug/Kg
98-86-2	Acetophenone	410		50	100	410	ug/Kg
106-44-5	4-Methylphenol	46	U	46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	64	U	64	52.9	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	52.9	210	ug/Kg
98-95-3	Nitrobenzene	39	U	39	52.9	210	ug/Kg
78-59-1	Isophorone	60	U	60	52.9	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	52.9	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	52.9	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	52.9	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	52.9	210	ug/Kg
91-20-3	Naphthalene	31	U	31	52.9	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	52.9	410	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	52.9	210	ug/Kg
105-60-2	Caprolactam	90	U	90	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	61	U	61	52.9	210	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	52.9	210	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	52.9	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	52.9	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	52.9	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE4	SDG No.:	BP110424
Lab Sample ID:	P4568-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022849.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	52.9	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	52.9	210	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	52.9	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	52.9	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	52.9	210	ug/Kg
208-96-8	Acenaphthylene	40	U	40	52.9	210	ug/Kg
99-09-2	3-Nitroaniline	55	U	55	100	410	ug/Kg
83-32-9	Acenaphthene	36	U	36	52.9	210	ug/Kg
51-28-5	2,4-Dinitrophenol	60	U	60	100	410	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	410	ug/Kg
132-64-9	Dibenzofuran	40	U	40	52.9	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	52.9	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	52.9	210	ug/Kg
86-73-7	Fluorene	31	U	31	52.9	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.9	210	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	96	U	96	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	52.9	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	52.9	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	52.9	210	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	52.9	210	ug/Kg
1912-24-9	Atrazine	88	U	88	100	410	ug/Kg
87-86-5	Pentachlorophenol	92	U	92	100	410	ug/Kg
85-01-8	Phenanthrene	250		36	52.9	210	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	52.9	210	ug/Kg
120-12-7	Anthracene	53	J	31	52.9	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	62	U	62	52.9	210	ug/Kg
86-74-8	Carbazole	35	U	35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	76	U	76	52.9	210	ug/Kg
206-44-0	Fluoranthene	390		67	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE4	SDG No.:	BP110424
Lab Sample ID:	P4568-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022849.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	190	J	61	52.9	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	52.9	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	34	52.9	210	ug/Kg
218-01-9	Chrysene	150	J	39	52.9	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	52.9	210	ug/Kg
117-84-0	Di-n-octyl phthalate	95	U	95	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	41	52.9	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	J	47	52.9	210	ug/Kg
50-32-8	Benzo(a)pyrene	47	J	40	52.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	52.9	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	52.9	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	52.9	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	52.9	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.978	*	15-120		12	SPK: -8
7291-22-7	Pyridine-d5	0.806	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	6.01		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.51		10-150		16	SPK: -40
93951-73-6	2-Chlorophenol-d4	6.893		15-120		17	SPK: -40
190780-66-6	4-Methylphenol-d8	6.315		10-140		16	SPK: -40
4165-60-0	Nitrobenzene-d5	6.946		10-135		17	SPK: -40
93951-78-1	2-Nitrophenol-d4	6.862		10-120		17	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	6.874		10-140		17	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.895		1-145		2	SPK: -40
85448-30-2	Dimethylphthalate-d6	7.466		10-145		19	SPK: -40
93951-97-4	Acenaphthylene-d8	7.232		15-120		18	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.196		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	7.819		20-140		20	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE4	SDG No.:	BP110424
Lab Sample ID:	P4568-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022849.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.153	*	10-130		5	SPK: -40
1719-06-8	Anthracene-d10	7.87		10-150		20	SPK: -40
1718-52-1	Pyrene-d10	6.095		10-130		15	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	3.726	*	10-140		9	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	115229	7.628				
1146-65-2	Naphthalene-d8	437639	10.381				
15067-26-2	Acenaphthene-d10	337600	14.257				
1517-22-2	Phenanthrene-d10	778138	17.057				
1719-03-5	Chrysene-d12	773488	21.486				
1520-96-3	Perylene-d12	900233	24.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000065-85-0	Benzoic acid	140	J			9.693	
000057-10-3	n-Hexadecanoic acid	150	J			17.992	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF2	SDG No.:	BP110424
Lab Sample ID:	P4568-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022850.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	10.4	110	ug/Kg
100-52-7	Benzaldehyde	71	U	71	130	520	ug/Kg
110-86-1	Pyridine	52	U	52	260	520	ug/Kg
108-95-2	Phenol	72	J	68	130	520	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	63	U	63	130	520	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	67	270	ug/Kg
95-48-7	2-Methylphenol	62	U	62	130	520	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	95	U	95	130	520	ug/Kg
98-86-2	Acetophenone	330	J	63	130	520	ug/Kg
106-44-5	4-Methylphenol	58	U	58	130	520	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	80	U	80	67	270	ug/Kg
67-72-1	Hexachloroethane	28	U	28	67	270	ug/Kg
98-95-3	Nitrobenzene	49	U	49	67	270	ug/Kg
78-59-1	Isophorone	76	U	76	67	270	ug/Kg
88-75-5	2-Nitrophenol	49	U	49	67	270	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	67	270	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	68	U	68	67	270	ug/Kg
120-83-2	2,4-Dichlorophenol	25	U	25	67	270	ug/Kg
91-20-3	Naphthalene	39	U	39	67	270	ug/Kg
106-47-8	4-Chloroaniline	38	U	38	67	520	ug/Kg
87-68-3	Hexachlorobutadiene	69	U	69	67	270	ug/Kg
105-60-2	Caprolactam	110	U	110	130	520	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77	U	77	67	270	ug/Kg
90-12-0	1-Methylnaphthalene	52	U	52	67	270	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	67	270	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	130	520	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77	U	77	67	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	62	U	62	67	270	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF2	SDG No.:	BP110424
Lab Sample ID:	P4568-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022850.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	38	U	38	67	270	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	67	270	ug/Kg
88-74-4	2-Nitroaniline	65	U	65	67	270	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	67	270	ug/Kg
606-20-2	2,6-Dinitrotoluene	69	U	69	67	270	ug/Kg
208-96-8	Acenaphthylene	50	U	50	67	270	ug/Kg
99-09-2	3-Nitroaniline	69	U	69	130	520	ug/Kg
83-32-9	Acenaphthene	46	U	46	67	270	ug/Kg
51-28-5	2,4-Dinitrophenol	76	U	76	130	520	ug/Kg
100-02-7	4-Nitrophenol	69	U	69	130	520	ug/Kg
132-64-9	Dibenzofuran	50	U	50	67	270	ug/Kg
121-14-2	2,4-Dinitrotoluene	68	U	68	67	270	ug/Kg
84-66-2	Diethylphthalate	47	U	47	67	270	ug/Kg
86-73-7	Fluorene	39	U	39	67	270	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	32	U	32	67	270	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	130	520	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	130	520	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	67	270	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	67	270	ug/Kg
101-55-3	4-Bromophenyl-phenylether	46	U	46	67	270	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	67	270	ug/Kg
1912-24-9	Atrazine	110	U	110	130	520	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	130	520	ug/Kg
85-01-8	Phenanthrene	400		46	67	270	ug/Kg
608-93-5	Pentachlorobenzene	82	U	82	67	270	ug/Kg
120-12-7	Anthracene	67	J	39	67	270	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	79	U	79	67	270	ug/Kg
86-74-8	Carbazole	44	U	44	130	520	ug/Kg
84-74-2	Di-n-butylphthalate	96	U	96	67	270	ug/Kg
206-44-0	Fluoranthene	710		85	130	270	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF2	SDG No.:	BP110424
Lab Sample ID:	P4568-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022850.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	340		77	67	270	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	67	270	ug/Kg
91-94-1	3,3-Dichlorobenzidine	76	U	76	130	520	ug/Kg
56-55-3	Benzo(a)anthracene	250	J	43	67	270	ug/Kg
218-01-9	Chrysene	280		49	67	270	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	67	270	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	130	520	ug/Kg
205-99-2	Benzo(b)fluoranthene	310		52	67	270	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	60	67	270	ug/Kg
50-32-8	Benzo(a)pyrene	84	J	50	67	270	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	68	J	49	67	270	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	67	270	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	67	270	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	67	270	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.353		15-120		29	SPK: -8
7291-22-7	Pyridine-d5	7.935		20-120		20	SPK: -40
4165-62-2	Phenol-d5	16.359		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.259		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.686		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	14.26		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	17.234		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.559		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.59		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.473		1-145		21	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.341		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	17.273		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.742		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	18.126		20-140		45	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF2	SDG No.:	BP110424
Lab Sample ID:	P4568-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022850.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.22		10-130		18	SPK: -40
1719-06-8	Anthracene-d10	17.51		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	16.805		10-130		42	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.695		10-140		32	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	107486	7.628				
1146-65-2	Naphthalene-d8	417148	10.375				
15067-26-2	Acenaphthene-d10	328104	14.245				
1517-22-2	Phenanthrene-d10	766513	17.045				
1719-03-5	Chrysene-d12	726279	21.48				
1520-96-3	Perylene-d12	884651	24.721				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	120	J			15.628	
000057-10-3	n-Hexadecanoic acid	190	J			17.98	
1000197-14-1	4b,8-Dimethyl-2-isopropylphenanthr	120	J			18.722	
006566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	160	J			19.239	
	(DEL) Alkane: Straight-Chain21.163	400	J			21.163	
	(DEL) Alkane: Straight-Chain23.839	570	J			23.839	
E966796	Total Alkanes	970				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF4	SDG No.:	BP110424
Lab Sample ID:	P4568-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32.7
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022851.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	9.8	99	ug/Kg
100-52-7	Benzaldehyde	67	U	67	120	490	ug/Kg
110-86-1	Pyridine	49	U	49	250	490	ug/Kg
108-95-2	Phenol	64	U	64	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	63.2	250	ug/Kg
95-48-7	2-Methylphenol	58	U	58	120	490	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	89	U	89	120	490	ug/Kg
98-86-2	Acetophenone	59	U	59	120	490	ug/Kg
106-44-5	4-Methylphenol	55	U	55	120	490	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	76	U	76	63.2	250	ug/Kg
67-72-1	Hexachloroethane	27	U	27	63.2	250	ug/Kg
98-95-3	Nitrobenzene	46	U	46	63.2	250	ug/Kg
78-59-1	Isophorone	71	U	71	63.2	250	ug/Kg
88-75-5	2-Nitrophenol	46	U	46	63.2	250	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	63.2	250	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	64	U	64	63.2	250	ug/Kg
120-83-2	2,4-Dichlorophenol	24	U	24	63.2	250	ug/Kg
91-20-3	Naphthalene	37	U	37	63.2	250	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	63.2	490	ug/Kg
87-68-3	Hexachlorobutadiene	65	U	65	63.2	250	ug/Kg
105-60-2	Caprolactam	110	U	110	120	490	ug/Kg
59-50-7	4-Chloro-3-methylphenol	73	U	73	63.2	250	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	63.2	250	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	63.2	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	120	490	ug/Kg
88-06-2	2,4,6-Trichlorophenol	73	U	73	63.2	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	63.2	250	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF4	SDG No.:	BP110424
Lab Sample ID:	P4568-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32.7
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022851.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	36	U	36	63.2	250	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	63.2	250	ug/Kg
88-74-4	2-Nitroaniline	61	U	61	63.2	250	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	63.2	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	65	U	65	63.2	250	ug/Kg
208-96-8	Acenaphthylene	48	U	48	63.2	250	ug/Kg
99-09-2	3-Nitroaniline	65	U	65	120	490	ug/Kg
83-32-9	Acenaphthene	43	U	43	63.2	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	48	U	48	63.2	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	64	U	64	63.2	250	ug/Kg
84-66-2	Diethylphthalate	45	U	45	63.2	250	ug/Kg
86-73-7	Fluorene	37	U	37	63.2	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	30	U	30	63.2	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	63.2	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36	U	36	63.2	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	43	U	43	63.2	250	ug/Kg
118-74-1	Hexachlorobenzene	48	U	48	63.2	250	ug/Kg
1912-24-9	Atrazine	110	U	110	120	490	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	120	490	ug/Kg
85-01-8	Phenanthrene	43	U	43	63.2	250	ug/Kg
608-93-5	Pentachlorobenzene	77	U	77	63.2	250	ug/Kg
120-12-7	Anthracene	37	U	37	63.2	250	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	74	U	74	63.2	250	ug/Kg
86-74-8	Carbazole	42	U	42	120	490	ug/Kg
84-74-2	Di-n-butylphthalate	91	U	91	63.2	250	ug/Kg
206-44-0	Fluoranthene	80	U	80	120	250	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF4	SDG No.:	BP110424
Lab Sample ID:	P4568-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022851.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	73	U	73	63.2	250	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	63.2	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	63.2	250	ug/Kg
218-01-9	Chrysene	46	U	46	63.2	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	63.2	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	63.2	250	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	63.2	250	ug/Kg
50-32-8	Benzo(a)pyrene	48	U	48	63.2	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	46	63.2	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42	U	42	63.2	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	63.2	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	49	63.2	250	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.548		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	13.228		20-120		33	SPK: -40
4165-62-2	Phenol-d5	17.279		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.71		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.569		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	18.593		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	18.363		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.735		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.364		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.775		1-145		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.677		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	20.202		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.385		10-150		33	SPK: -40
81103-79-9	Fluorene-d10	21.505		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF4	SDG No.:	BP110424
Lab Sample ID:	P4568-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022851.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.87		10-130		25	SPK: -40
1719-06-8	Anthracene-d10	20.509		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	23.309		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.671		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	112871	7.622				
1146-65-2	Naphthalene-d8	444025	10.381				
15067-26-2	Acenaphthene-d10	348977	14.251				
1517-22-2	Phenanthrene-d10	836540	17.063				
1719-03-5	Chrysene-d12	759595	21.486				
1520-96-3	Perylene-d12	884883	24.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	220	J			15.645	
000057-10-3	n-Hexadecanoic acid	270	J			17.998	
	(DEL) Alkane: Straight-Chain	21.169	J			21.169	
E966796	Total Alkanes	110				99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP110424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4EA4								
P4568-02	A4EA4	Solid	1,1-Biphenyl, 2-methyl-	* 68.000	J			
P4568-02	A4EA4	Solid	2,6,6-Trimethyl-2-cyclohexene-1,	* 110.000	J			
P4568-02	A4EA4	Solid	9,10-Anthracenedione	* 99.000	J			
P4568-02	A4EA4	Solid	Benzene, 1,3-dichloro-	* 660.000	J			
P4568-02	A4EA4	Solid	Benzene, pentachloro-	* 93.000	J			
P4568-02	A4EA4	Solid	Benzophenone	* 190.000	J			
P4568-02	A4EA4	Solid	n-Hexadecanoic acid	* 120.000	J			
P4568-02	A4EA4	Solid	Total Alkanes	* 0.000		24	170	ug/Kg
P4568-02	A4EA4	Solid	2,6,6-Trimethyl-2-cyclohexene-1,	* 120.000	J			
P4568-02	A4EA4	Solid	9,10-Anthracenedione	* 100.000	J			
P4568-02	A4EA4	Solid	Benzene, 1,3-dichloro-	* 5,500.000	J			
P4568-02	A4EA4	Solid	Benzene, pentachloro-	* 93.000	J			
P4568-02	A4EA4	Solid	Benzophenone	* 200.000	J			
P4568-02	A4EA4	Solid	n-Hexadecanoic acid	* 160.000	J			
P4568-02	A4EA4	Solid	Total Alkanes	* 0.000		24	170	ug/Kg
Total Tics :				7,513.00				
P4568-02	A4EA4	Solid	2,4,5-Trichlorophenol	960.000		39	170	ug/Kg
P4568-02	A4EA4	Solid	2,4,6-Trichlorophenol	4,400.000	E	49	170	ug/Kg
P4568-02	A4EA4	Solid	2,4-Dichlorophenol	2,800.000	E	16	170	ug/Kg
P4568-02	A4EA4	Solid	2,4-Dinitrotoluene	3,900.000	E	43	170	ug/Kg
P4568-02	A4EA4	Solid	2,6-Dinitrotoluene	6,000.000	E	44	170	ug/Kg
P4568-02	A4EA4	Solid	2-Chlorophenol	2,200.000		23	170	ug/Kg
P4568-02	A4EA4	Solid	2-Methylnaphthalene	1,400.000		23	170	ug/Kg
P4568-02	A4EA4	Solid	2-Nitrophenol	1,100.000		31	170	ug/Kg
P4568-02	A4EA4	Solid	4-Bromophenyl-phenylether	1,000.000		29	170	ug/Kg
P4568-02	A4EA4	Solid	4-Chloro-3-methylphenol	970.000		49	170	ug/Kg
P4568-02	A4EA4	Solid	4-Chlorophenyl-phenylether	1,500.000		20	170	ug/Kg
P4568-02	A4EA4	Solid	4-Nitrophenol	2,000.000		44	330	ug/Kg
P4568-02	A4EA4	Solid	Acenaphthene	2,900.000	E	29	170	ug/Kg
P4568-02	A4EA4	Solid	Acenaphthylene	470.000		32	170	ug/Kg
P4568-02	A4EA4	Solid	Anthracene	980.000		25	170	ug/Kg
P4568-02	A4EA4	Solid	Benzo(a)anthracene	2,800.000	E	27	170	ug/Kg
P4568-02	A4EA4	Solid	Benzo(a)pyrene	870.000		32	170	ug/Kg
P4568-02	A4EA4	Solid	Benzo(b)fluoranthene	3,900.000	E	33	170	ug/Kg
P4568-02	A4EA4	Solid	Benzo(g,h,i)perylene	620.000		26	170	ug/Kg
P4568-02	A4EA4	Solid	Bis(2-Chloroethoxy)methane	4,200.000	E	43	170	ug/Kg
P4568-02	A4EA4	Solid	Bis(2-Chloroethyl)ether	4,700.000		40	330	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BP110424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4568-02	A4EA4	Solid	Bis(2-ethylhexyl)phthalate	3,700.000	E	95	170	ug/Kg
P4568-02	A4EA4	Solid	Butylbenzylphthalate	880.000		83	170	ug/Kg
P4568-02	A4EA4	Solid	Chrysene	4,500.000	E	31	170	ug/Kg
P4568-02	A4EA4	Solid	Di-n-butylphthalate	3,700.000	E	61	170	ug/Kg
P4568-02	A4EA4	Solid	Dibenzo(a,h)anthracene	1,800.000		28	170	ug/Kg
P4568-02	A4EA4	Solid	Fluoranthene	3,500.000	E	54	170	ug/Kg
P4568-02	A4EA4	Solid	Fluorene	4,600.000	E	25	170	ug/Kg
P4568-02	A4EA4	Solid	Hexachlorobutadiene	4,000.000	E	44	170	ug/Kg
P4568-02	A4EA4	Solid	Hexachloroethane	3,200.000	E	18	170	ug/Kg
P4568-02	A4EA4	Solid	Indeno(1,2,3-cd)pyrene	710.000		31	170	ug/Kg
P4568-02	A4EA4	Solid	Isophorone	3,600.000	E	48	170	ug/Kg
P4568-02	A4EA4	Solid	N-Nitroso-di-n-propylamine	4,700.000	E	51	170	ug/Kg
P4568-02	A4EA4	Solid	Nitrobenzene	860.000		31	170	ug/Kg
P4568-02	A4EA4	Solid	Pentachlorophenol	5,400.000	E	74	330	ug/Kg
P4568-02	A4EA4	Solid	Phenanthrene	1,000.000		29	170	ug/Kg
P4568-02	A4EA4	Solid	Phenol	810.000		43	330	ug/Kg
P4568-02	A4EA4	Solid	Pyrene	1,400.000		49	170	ug/Kg
P4568-02	A4EA4	Solid	2,4,5-Trichlorophenol	930.000		39	170	ug/Kg
P4568-02	A4EA4	Solid	2,4,6-Trichlorophenol	4,300.000	E	49	170	ug/Kg
P4568-02	A4EA4	Solid	2,4-Dichlorophenol	2,700.000	E	16	170	ug/Kg
P4568-02	A4EA4	Solid	2,4-Dinitrotoluene	3,800.000	E	43	170	ug/Kg
P4568-02	A4EA4	Solid	2,6-Dinitrotoluene	6,000.000	E	44	170	ug/Kg
P4568-02	A4EA4	Solid	2-Chlorophenol	2,100.000		23	170	ug/Kg
P4568-02	A4EA4	Solid	2-Methylnaphthalene	1,400.000		23	170	ug/Kg
P4568-02	A4EA4	Solid	2-Nitrophenol	1,100.000		31	170	ug/Kg
P4568-02	A4EA4	Solid	4-Bromophenyl-phenylether	1,000.000		29	170	ug/Kg
P4568-02	A4EA4	Solid	4-Chloro-3-methylphenol	1,000.000		49	170	ug/Kg
P4568-02	A4EA4	Solid	4-Chlorophenyl-phenylether	1,400.000		20	170	ug/Kg
P4568-02	A4EA4	Solid	4-Nitrophenol	2,000.000		44	330	ug/Kg
P4568-02	A4EA4	Solid	Acenaphthene	2,800.000	E	29	170	ug/Kg
P4568-02	A4EA4	Solid	Acenaphthylene	470.000		32	170	ug/Kg
P4568-02	A4EA4	Solid	Anthracene	980.000		25	170	ug/Kg
P4568-02	A4EA4	Solid	Benzo(a)anthracene	2,800.000	E	27	170	ug/Kg
P4568-02	A4EA4	Solid	Benzo(a)pyrene	890.000		32	170	ug/Kg
P4568-02	A4EA4	Solid	Benzo(b)fluoranthene	3,800.000	E	33	170	ug/Kg
P4568-02	A4EA4	Solid	Benzo(g,h,i)perylene	630.000		26	170	ug/Kg
P4568-02	A4EA4	Solid	Bis(2-Chloroethoxy)methane	4,500.000	E	43	170	ug/Kg
P4568-02	A4EA4	Solid	Bis(2-Chloroethyl)ether	4,600.000		40	330	ug/Kg
P4568-02	A4EA4	Solid	Bis(2-ethylhexyl)phthalate	4,200.000	E	95	170	ug/Kg
P4568-02	A4EA4	Solid	Butylbenzylphthalate	980.000		83	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP110424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4568-02	A4EA4	Solid	Chrysene	4,500.000	E	31	170	ug/Kg
P4568-02	A4EA4	Solid	Di-n-butylphthalate	3,900.000	E	61	170	ug/Kg
P4568-02	A4EA4	Solid	Dibenzo(a,h)anthracene	1,800.000		28	170	ug/Kg
P4568-02	A4EA4	Solid	Fluoranthene	3,800.000	E	54	170	ug/Kg
P4568-02	A4EA4	Solid	Fluorene	4,300.000	E	25	170	ug/Kg
P4568-02	A4EA4	Solid	Hexachlorobenzene	5,900.000	E	32	170	ug/Kg
P4568-02	A4EA4	Solid	Hexachlorobutadiene	3,800.000	E	44	170	ug/Kg
P4568-02	A4EA4	Solid	Hexachloroethane	3,100.000	E	18	170	ug/Kg
P4568-02	A4EA4	Solid	Indeno(1,2,3-cd)pyrene	720.000		31	170	ug/Kg
P4568-02	A4EA4	Solid	Isophorone	3,900.000	E	48	170	ug/Kg
P4568-02	A4EA4	Solid	N-Nitroso-di-n-propylamine	4,700.000	E	51	170	ug/Kg
P4568-02	A4EA4	Solid	Nitrobenzene	920.000		31	170	ug/Kg
P4568-02	A4EA4	Solid	Pentachlorophenol	5,200.000		74	330	ug/Kg
P4568-02	A4EA4	Solid	Phenanthrene	1,000.000		29	170	ug/Kg
P4568-02	A4EA4	Solid	Phenol	790.000		43	330	ug/Kg
P4568-02	A4EA4	Solid	Pyrene	1,500.000		49	170	ug/Kg
Total Svoc :				202,240.00				
Total Concentration:				209,753.00				

Client ID : A4EA4DL

P4568-02DL	A4EA4DL	Solid	Benzene, 1,3-dichloro-	*	5,300.000	JD		
P4568-02DL	A4EA4DL	Solid	Total Alkanes	*	0.000	D	120	ug/Kg
P4568-02DL	A4EA4DL	Solid	Benzene, 1,2-dichloro-	*	5,900.000	JD		
P4568-02DL	A4EA4DL	Solid	Total Alkanes	*	0.000	D	120	ug/Kg
Total Tics :				11,200.00				
P4568-02DL	A4EA4DL	Solid	2,4,5-Trichlorophenol		950.000	D	190	ug/Kg
P4568-02DL	A4EA4DL	Solid	2,4,6-Trichlorophenol		4,500.000	D	240	ug/Kg
P4568-02DL	A4EA4DL	Solid	2,4-Dichlorophenol		2,900.000	D	79	ug/Kg
P4568-02DL	A4EA4DL	Solid	2,4-Dinitrotoluene		3,700.000	D	210	ug/Kg
P4568-02DL	A4EA4DL	Solid	2,6-Dinitrotoluene		6,100.000	D	220	ug/Kg
P4568-02DL	A4EA4DL	Solid	2-Chlorophenol		2,400.000	D	110	ug/Kg
P4568-02DL	A4EA4DL	Solid	2-Methylnaphthalene		1,500.000	D	110	ug/Kg
P4568-02DL	A4EA4DL	Solid	2-Nitrophenol		1,200.000	D	150	ug/Kg
P4568-02DL	A4EA4DL	Solid	4-Bromophenyl-phenylether		1,100.000	D	140	ug/Kg
P4568-02DL	A4EA4DL	Solid	4-Chloro-3-methylphenol		1,000.000	D	240	ug/Kg
P4568-02DL	A4EA4DL	Solid	4-Chlorophenyl-phenylether		1,500.000	D	99	ug/Kg
P4568-02DL	A4EA4DL	Solid	4-Nitrophenol		1,500.000	JD	220	ug/Kg
P4568-02DL	A4EA4DL	Solid	Acenaphthene		3,100.000	D	140	ug/Kg
P4568-02DL	A4EA4DL	Solid	Acenaphthylene		530.000	JD	160	ug/Kg
P4568-02DL	A4EA4DL	Solid	Anthracene		1,100.000	D	120	ug/Kg
P4568-02DL	A4EA4DL	Solid	Benzo(a)anthracene		3,100.000	D	130	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP110424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4568-02DL	A4EA4DL	Solid	Benzo(a)pyrene	960.000	D	160	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Benzo(b)fluoranthene	4,300.000	D	160	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Benzo(g,h,i)perylene	680.000	JD	130	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Bis(2-Chloroethoxy)methane	4,900.000	D	210	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Bis(2-Chloroethyl)ether	5,200.000	D	200	1600	ug/Kg
P4568-02DL	A4EA4DL	Solid	Bis(2-ethylhexyl)phthalate	4,000.000	D	480	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Butylbenzylphthalate	900.000	D	420	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Chrysene	5,000.000	D	150	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Di-n-butylphthalate	3,900.000	D	300	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Dibenzo(a,h)anthracene	1,900.000	D	140	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Fluoranthene	4,200.000	D	270	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Fluorene	4,600.000	D	120	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Hexachlorobenzene	6,200.000	D	160	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Hexachlorobutadiene	3,900.000	D	220	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Hexachloroethane	3,300.000	D	89	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Indeno(1,2,3-cd)pyrene	750.000	JD	150	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Isophorone	4,200.000	D	240	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	N-Nitroso-di-n-propylamine	5,000.000	D	250	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Nitrobenzene	1,000.000	D	150	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Pentachlorophenol	4,900.000	D	370	1600	ug/Kg
P4568-02DL	A4EA4DL	Solid	Phenanthrene	1,100.000	D	140	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Phenol	880.000	JD	210	1600	ug/Kg
P4568-02DL	A4EA4DL	Solid	Pyrene	1,700.000	D	240	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	2,4,5-Trichlorophenol	990.000	D	190	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	2,4,6-Trichlorophenol	4,600.000	D	240	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	2,4-Dichlorophenol	3,000.000	D	79	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	2,4-Dinitrotoluene	3,700.000	D	210	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	2,6-Dinitrotoluene	6,100.000	D	220	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	2-Chlorophenol	2,400.000	D	110	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	2-Methylnaphthalene	1,500.000	D	110	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	2-Nitrophenol	1,200.000	D	150	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	4-Bromophenyl-phenylether	1,100.000	D	140	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	4-Chloro-3-methylphenol	1,000.000	D	240	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	4-Chlorophenyl-phenylether	1,500.000	D	99	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	4-Nitrophenol	1,300.000	JD	220	1600	ug/Kg
P4568-02DL	A4EA4DL	Solid	Acenaphthene	3,100.000	D	140	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Acenaphthylene	530.000	JD	160	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Anthracene	1,100.000	D	120	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Benzo(a)anthracene	3,200.000	D	130	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Benzo(a)pyrene	950.000	D	160	840	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP110424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4568-02DL	A4EA4DL	Solid	Benzo(b)fluoranthene	4,400.000	D	160	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Benzo(g,h,i)perylene	670.000	JD	130	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Bis(2-Chloroethoxy)methane	4,900.000	D	210	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Bis(2-Chloroethyl)ether	5,100.000	D	200	1600	ug/Kg
P4568-02DL	A4EA4DL	Solid	Bis(2-ethylhexyl)phthalate	4,200.000	D	480	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Butylbenzylphthalate	940.000	D	420	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Chrysene	4,900.000	D	150	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Di-n-butylphthalate	3,900.000	D	300	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Dibenzo(a,h)anthracene	1,900.000	D	140	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Fluoranthene	4,300.000	D	270	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Fluorene	4,700.000	D	120	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Hexachlorobenzene	6,200.000	D	160	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Hexachlorobutadiene	3,900.000	D	220	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Hexachloroethane	3,400.000	D	89	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Indeno(1,2,3-cd)pyrene	750.000	JD	150	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Isophorone	4,100.000	D	240	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	N-Nitroso-di-n-propylamine	4,800.000	D	250	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Nitrobenzene	990.000	D	150	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Pentachlorophenol	4,900.000	D	370	1600	ug/Kg
P4568-02DL	A4EA4DL	Solid	Phenanthrene	1,200.000	D	140	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Phenol	870.000	JD	210	1600	ug/Kg
P4568-02DL	A4EA4DL	Solid	Pyrene	1,800.000	D	240	840	ug/Kg

Total Svoc : 219,740.00

Total Concentration: 230,940.00

Client ID : A4EF5

P4568-03	A4EF5	Solid	(DEL) Alkane: Straight-Chain23.8 *	320.000	J			
P4568-03	A4EF5	Solid	Benzophenone *	480.000	J			
P4568-03	A4EF5	Solid	n-Hexadecanoic acid *	420.000	J			
P4568-03	A4EF5	Solid	Total Alkanes *	320.000		61	430	ug/Kg

Total Tics : 1,540.00

P4568-03	A4EF5	Solid	Benzo(a)anthracene	130.000	J	68	430	ug/Kg
P4568-03	A4EF5	Solid	Benzo(a)pyrene	130.000	J	81	430	ug/Kg
P4568-03	A4EF5	Solid	Benzo(b)fluoranthene	190.000	J	84	430	ug/Kg
P4568-03	A4EF5	Solid	Benzo(g,h,i)perylene	99.000	J	66	430	ug/Kg
P4568-03	A4EF5	Solid	Chrysene	160.000	J	79	430	ug/Kg
P4568-03	A4EF5	Solid	Fluoranthene	300.000	J	140	430	ug/Kg
P4568-03	A4EF5	Solid	Phenanthrene	210.000	J	74	430	ug/Kg
P4568-03	A4EF5	Solid	Pyrene	260.000	J	120	430	ug/Kg

Total Svoc : 1,479.00

Hit Summary Sheet SW-846

SDG No.: BP110424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				3,019.00				
Client ID : A4EF6								
P4568-06	A4EF6	Solid	Total Alkanes	*	0.000	30	220	ug/Kg
P4568-06	A4EF6	Solid	n-Hexadecanoic acid	*	91.000	J		
P4568-06	A4EF6	Solid	Total Alkanes	*	0.000	30	220	ug/Kg
Total Tics :				91.00				
P4568-06	A4EF6	Solid	Acetophenone		290.000	J 51	420	ug/Kg
P4568-06	A4EF6	Solid	Benzo(b)fluoranthene		57.000	J 42	220	ug/Kg
P4568-06	A4EF6	Solid	Chrysene		45.000	J 39	220	ug/Kg
P4568-06	A4EF6	Solid	Fluoranthene		100.000	J 69	220	ug/Kg
P4568-06	A4EF6	Solid	Phenanthrene		60.000	J 37	220	ug/Kg
P4568-06	A4EF6	Solid	Phenol		94.000	J 55	420	ug/Kg
P4568-06	A4EF6	Solid	Acetophenone		290.000	J 51	420	ug/Kg
P4568-06	A4EF6	Solid	Benzo(b)fluoranthene		54.000	J 42	220	ug/Kg
P4568-06	A4EF6	Solid	Chrysene		46.000	J 39	220	ug/Kg
P4568-06	A4EF6	Solid	Fluoranthene		100.000	J 69	220	ug/Kg
P4568-06	A4EF6	Solid	Phenanthrene		61.000	J 37	220	ug/Kg
P4568-06	A4EF6	Solid	Phenol		91.000	J 55	420	ug/Kg
Total Svoc :				1,288.00				
Total Concentration:				1,379.00				
Client ID : A4EF8								
P4568-07	A4EF8	Solid	Benzophenone	*	240.000	J		
P4568-07	A4EF8	Solid	n-Hexadecanoic acid	*	160.000	J		
P4568-07	A4EF8	Solid	Total Alkanes	*	0.000	57	400	ug/Kg
Total Tics :				400.00				
Total Concentration:				400.00				
Client ID : A4EF9								
P4568-08	A4EF9	Solid	Benzophenone	*	380.000	J		
P4568-08	A4EF9	Solid	n-Hexadecanoic acid	*	340.000	J		
P4568-08	A4EF9	Solid	Total Alkanes	*	0.000	58	410	ug/Kg
Total Tics :				720.00				
Total Concentration:				720.00				
Client ID : A4EG0								
P4568-09	A4EG0	Solid	(DEL) Alkane: Straight-Chain23.8	*	210.000	J		
P4568-09	A4EG0	Solid	Benzophenone	*	190.000	J		
P4568-09	A4EG0	Solid	n-Hexadecanoic acid	*	220.000	J		
P4568-09	A4EG0	Solid	Total Alkanes	*	210.000	46	320	ug/Kg
Total Tics :				830.00				
P4568-09	A4EG0	Solid	Acenaphthene		120.000	J 55	320	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP110424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4568-09	A4EG0	Solid	Acetophenone	320.000	J	76	630	ug/Kg
P4568-09	A4EG0	Solid	Anthracene	130.000	J	48	320	ug/Kg
P4568-09	A4EG0	Solid	Benzo(a)anthracene	250.000	J	52	320	ug/Kg
P4568-09	A4EG0	Solid	Benzo(a)pyrene	78.000	J	61	320	ug/Kg
P4568-09	A4EG0	Solid	Benzo(b)fluoranthene	250.000	J	63	320	ug/Kg
P4568-09	A4EG0	Solid	Benzo(k)fluoranthene	99.000	J	73	320	ug/Kg
P4568-09	A4EG0	Solid	Bis(2-ethylhexyl)phthalate	210.000	J	180	320	ug/Kg
P4568-09	A4EG0	Solid	Chrysene	260.000	J	59	320	ug/Kg
P4568-09	A4EG0	Solid	Dibenzofuran	82.000	J	61	320	ug/Kg
P4568-09	A4EG0	Solid	Fluoranthene	730.000		100	320	ug/Kg
P4568-09	A4EG0	Solid	Fluorene	100.000	J	48	320	ug/Kg
P4568-09	A4EG0	Solid	Naphthalene	68.000	J	48	320	ug/Kg
P4568-09	A4EG0	Solid	Phenanthrene	820.000		55	320	ug/Kg
P4568-09	A4EG0	Solid	Phenol	120.000	J	82	630	ug/Kg
P4568-09	A4EG0	Solid	Pyrene	380.000		94	320	ug/Kg

Total Svoc : 4,017.00

Total Concentration: 4,847.00

Client ID : A4EE4

P4568-14	A4EE4	Solid	Benzoic acid	*	140.000	J		
P4568-14	A4EE4	Solid	n-Hexadecanoic acid	*	150.000	J		
P4568-14	A4EE4	Solid	Total Alkanes	*	0.000	30	210	ug/Kg

Total Tics : 290.00

P4568-14	A4EE4	Solid	Acetophenone		410.000	50	410	ug/Kg
P4568-14	A4EE4	Solid	Anthracene		53.000	J	210	ug/Kg
P4568-14	A4EE4	Solid	Benzaldehyde		56.000	J	410	ug/Kg
P4568-14	A4EE4	Solid	Benzo(a)anthracene		150.000	J	210	ug/Kg
P4568-14	A4EE4	Solid	Benzo(a)pyrene		47.000	J	210	ug/Kg
P4568-14	A4EE4	Solid	Benzo(b)fluoranthene		160.000	J	210	ug/Kg
P4568-14	A4EE4	Solid	Benzo(k)fluoranthene		58.000	J	210	ug/Kg
P4568-14	A4EE4	Solid	Chrysene		150.000	J	210	ug/Kg
P4568-14	A4EE4	Solid	Fluoranthene		390.000	67	210	ug/Kg
P4568-14	A4EE4	Solid	Phenanthrene		250.000	36	210	ug/Kg
P4568-14	A4EE4	Solid	Phenol		120.000	J	410	ug/Kg
P4568-14	A4EE4	Solid	Pyrene		190.000	J	210	ug/Kg

Total Svoc : 2,034.00

Total Concentration: 2,324.00

Client ID : A4EE5

P4568-15	A4EE5	Solid	n-Hexadecanoic acid	*	110.000	J		
P4568-15	A4EE5	Solid	Total Alkanes	*	0.000	27	190	ug/Kg

Total Tics : 110.00

Hit Summary Sheet SW-846

SDG No.: BP110424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4568-15	A4EE5	Solid	Acetophenone	200.000	J	45	370	ug/Kg
P4568-15	A4EE5	Solid	Anthracene	45.000	J	28	190	ug/Kg
P4568-15	A4EE5	Solid	Benzo(a)anthracene	150.000	J	31	190	ug/Kg
P4568-15	A4EE5	Solid	Benzo(a)pyrene	45.000	J	36	190	ug/Kg
P4568-15	A4EE5	Solid	Benzo(b)fluoranthene	170.000	J	37	190	ug/Kg
P4568-15	A4EE5	Solid	Benzo(k)fluoranthene	64.000	J	43	190	ug/Kg
P4568-15	A4EE5	Solid	Chrysene	150.000	J	35	190	ug/Kg
P4568-15	A4EE5	Solid	Fluoranthene	390.000		61	190	ug/Kg
P4568-15	A4EE5	Solid	Phenanthrene	230.000		33	190	ug/Kg
P4568-15	A4EE5	Solid	Pyrene	180.000	J	55	190	ug/Kg
Total Svoc :				1,624.00				
Total Concentration:				1,734.00				
Client ID : A4EE6								
P4568-16	A4EE6	Solid	(DEL) Alkane: Straight-Chain23.1 *	350.000	J			
P4568-16	A4EE6	Solid	n-Hexadecanoic acid *	140.000	J			
P4568-16	A4EE6	Solid	Total Alkanes *	350.000		51	360	ug/Kg
Total Tics :				840.00				
P4568-16	A4EE6	Solid	Acetophenone	510.000	J	85	700	ug/Kg
P4568-16	A4EE6	Solid	Benzo(a)anthracene	130.000	J	57	360	ug/Kg
P4568-16	A4EE6	Solid	Benzo(b)fluoranthene	160.000	J	70	360	ug/Kg
P4568-16	A4EE6	Solid	Chrysene	150.000	J	66	360	ug/Kg
P4568-16	A4EE6	Solid	Fluoranthene	370.000		110	360	ug/Kg
P4568-16	A4EE6	Solid	Phenanthrene	260.000	J	62	360	ug/Kg
P4568-16	A4EE6	Solid	Phenol	180.000	J	91	700	ug/Kg
P4568-16	A4EE6	Solid	Pyrene	200.000	J	100	360	ug/Kg
Total Svoc :				1,960.00				
Total Concentration:				2,800.00				
Client ID : A4EF2								
P4568-18	A4EF2	Solid	(DEL) Alkane: Straight-Chain21.1 *	400.000	J			
P4568-18	A4EF2	Solid	(DEL) Alkane: Straight-Chain23.1 *	570.000	J			
P4568-18	A4EF2	Solid	10,18-Bisnorabieta-5,7,9(10),11,1. *	160.000	J			
P4568-18	A4EF2	Solid	4b,8-Dimethyl-2-isopropylphenan *	120.000	J			
P4568-18	A4EF2	Solid	Benzophenone *	120.000	J			
P4568-18	A4EF2	Solid	n-Hexadecanoic acid *	190.000	J			
P4568-18	A4EF2	Solid	Total Alkanes *	970.000		38	270	ug/Kg
Total Tics :				2,530.00				
P4568-18	A4EF2	Solid	Acetophenone	330.000	J	63	520	ug/Kg
P4568-18	A4EF2	Solid	Anthracene	67.000	J	39	270	ug/Kg
P4568-18	A4EF2	Solid	Benzo(a)anthracene	250.000	J	43	270	ug/Kg
P4568-18	A4EF2	Solid	Benzo(a)pyrene	84.000	J	50	270	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP110424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4568-18	A4EF2	Solid	Benzo(b)fluoranthene	310.000		52	270	ug/Kg
P4568-18	A4EF2	Solid	Benzo(k)fluoranthene	110.000	J	60	270	ug/Kg
P4568-18	A4EF2	Solid	Chrysene	280.000		49	270	ug/Kg
P4568-18	A4EF2	Solid	Fluoranthene	710.000		85	270	ug/Kg
P4568-18	A4EF2	Solid	Indeno(1,2,3-cd)pyrene	68.000	J	49	270	ug/Kg
P4568-18	A4EF2	Solid	Phenanthrene	400.000		46	270	ug/Kg
P4568-18	A4EF2	Solid	Phenol	72.000	J	68	520	ug/Kg
P4568-18	A4EF2	Solid	Pyrene	340.000		77	270	ug/Kg

Total Svoc : 3,021.00

Total Concentration: 5,551.00

Client ID : A4EF4

P4568-20	A4EF4	Solid	(DEL) Alkane: Straight-Chain21.1 *	110.000	J			
P4568-20	A4EF4	Solid	Benzophenone *	220.000	J			
P4568-20	A4EF4	Solid	n-Hexadecanoic acid *	270.000	J			
P4568-20	A4EF4	Solid	Total Alkanes *	110.000		36	250	ug/Kg

Total Tics : 710.00

Total Concentration: 710.00

Client ID : A4ED0

P4581-04	A4ED0	Solid	Benzophenone *	140.000	J			
P4581-04	A4ED0	Solid	Phenanthrene, 1-methyl- *	77.000	J			
P4581-04	A4ED0	Solid	Total Alkanes *	0.000		28	200	ug/Kg

Total Tics : 217.00

P4581-04	A4ED0	Solid	Acetophenone	200.000	J	46	380	ug/Kg
P4581-04	A4ED0	Solid	Anthracene	70.000	J	29	200	ug/Kg
P4581-04	A4ED0	Solid	Benzo(a)anthracene	180.000	J	31	200	ug/Kg
P4581-04	A4ED0	Solid	Benzo(a)pyrene	57.000	J	37	200	ug/Kg
P4581-04	A4ED0	Solid	Benzo(b)fluoranthene	220.000		38	200	ug/Kg
P4581-04	A4ED0	Solid	Benzo(k)fluoranthene	76.000	J	44	200	ug/Kg
P4581-04	A4ED0	Solid	Carbazole	46.000	J	32	380	ug/Kg
P4581-04	A4ED0	Solid	Chrysene	200.000		36	200	ug/Kg
P4581-04	A4ED0	Solid	Dibenzofuran	40.000	J	37	200	ug/Kg
P4581-04	A4ED0	Solid	Fluoranthene	530.000		62	200	ug/Kg
P4581-04	A4ED0	Solid	Fluorene	45.000	J	29	200	ug/Kg
P4581-04	A4ED0	Solid	Indeno(1,2,3-cd)pyrene	45.000	J	36	200	ug/Kg
P4581-04	A4ED0	Solid	Naphthalene	53.000	J	29	200	ug/Kg
P4581-04	A4ED0	Solid	Phenanthrene	510.000		34	200	ug/Kg
P4581-04	A4ED0	Solid	Pyrene	240.000		57	200	ug/Kg

Total Svoc : 2,512.00

Total Concentration: 2,729.00

Hit Summary Sheet SW-846

SDG No.: BP110424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4EA8								
P4581-08	A4EA8	Solid	Benzophenone	*	330.000	J		
P4581-08	A4EA8	Solid	n-Hexadecanoic acid	*	180.000	J		
P4581-08	A4EA8	Solid	Total Alkanes	*	0.000	29	210	ug/Kg
Total Tics :				510.00				
Total Concentration:				510.00				
Client ID : A4EC7								
P4581-12	A4EC7	Solid	Benzophenone	*	120.000	J		
P4581-12	A4EC7	Solid	n-Hexadecanoic acid	*	91.000	J		
P4581-12	A4EC7	Solid	Total Alkanes	*	0.000	28	200	ug/Kg
Total Tics :				211.00				
P4581-12	A4EC7	Solid	Acetophenone		220.000	J 47	390	ug/Kg
P4581-12	A4EC7	Solid	Benzo(a)anthracene		81.000	J 32	200	ug/Kg
P4581-12	A4EC7	Solid	Benzo(b)fluoranthene		85.000	J 39	200	ug/Kg
P4581-12	A4EC7	Solid	Chrysene		81.000	J 36	200	ug/Kg
P4581-12	A4EC7	Solid	Fluoranthene		180.000	J 63	200	ug/Kg
P4581-12	A4EC7	Solid	Phenanthrene		140.000	J 34	200	ug/Kg
P4581-12	A4EC7	Solid	Phenol		52.000	J 51	390	ug/Kg
P4581-12	A4EC7	Solid	Pyrene		79.000	J 58	200	ug/Kg
Total Svoc :				918.00				
Total Concentration:				1,129.00				
Client ID : A4EB1								
P4581-20	A4EB1	Solid	n-Hexadecanoic acid	*	87.000	J		
P4581-20	A4EB1	Solid	Total Alkanes	*	0.000	27	190	ug/Kg
Total Tics :				87.00				
P4581-20	A4EB1	Solid	Acetophenone		160.000	J 45	370	ug/Kg
Total Svoc :				160.00				
Total Concentration:				247.00				
Client ID : A4EB2								
P4581-21	A4EB2	Solid	n-Hexadecanoic acid	*	120.000	J		
P4581-21	A4EB2	Solid	Total Alkanes	*	0.000	29	210	ug/Kg
Total Tics :				120.00				
P4581-21	A4EB2	Solid	Acetophenone		200.000	J 49	400	ug/Kg
P4581-21	A4EB2	Solid	Fluoranthene		69.000	J 66	210	ug/Kg
Total Svoc :				269.00				
Total Concentration:				389.00				
Client ID : A4EB4								
P4581-22	A4EB4	Solid	Total Alkanes	*	0.000	29	210	ug/Kg
Total Tics :				0.00				



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

Hit Summary Sheet
SW-846

SDG No.: BP110424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4581-22	A4EB4	Solid	Acetophenone	180.000	J	48	400	ug/Kg
			Total Svoc :			180.00		
			Total Concentration:			180.00		

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

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

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

Calibration Time(s): 16:41 _____

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

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

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

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

Calibration Time(s): 16:41 _____

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

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020623 Date Analyzed: Nov 4 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 10:56

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	SBLK462	60158	7.63	229602	10.39	185802	14.25
02	A4EA4	60339	7.63	261830	10.38	219362	14.26
03	A4EF6	92982	7.63	353814	10.38	291979	14.25
04	A4EF8	85476	7.63	333888	10.38	256295	14.24
05	A4EF9	85446	7.63	321292	10.38	254718	14.25
06	A4EA4DL	82147	7.63	316276	10.38	250854	14.25
07	A4EG0	87284	7.63	323817	10.39	256130	14.25
08	SBLK462	66001	7.63	248643	10.39	195141	14.25
09	A4EA4	79682	7.63	309461	10.39	258967	14.26
10	A4EA4DL	86351	7.63	322689	10.38	255518	14.25
11	A4EF6	92708	7.63	347935	10.39	276846	14.25
12	A4EE6	74727	7.63	286093	10.39	222359	14.26
13	A4ED0	89870	7.63	341778	10.38	275472	14.25
14	A4EA8	93081	7.63	355990	10.38	281323	14.25
15	A4EC7	70013	7.63	264066	10.38	212975	14.25
16	SLCS553	84463	7.63	329213	10.38	271136	14.24
17	A4EE5	77194	7.63	293627	10.38	239427	14.25
18	A4EB2	97682	7.63	378922	10.38	308741	14.25
19	A4EB4	77456	7.63	296638	10.38	241944	14.25
20	A4EB1	77944	7.63	289924	10.38	239564	14.24
21	SLCS462	92040	7.62	357009	10.38	293557	14.23
22	SBLK553	90363	7.63	352454	10.38	281962	14.24
23	A4EF5	60137	7.63	224823	10.38	180297	14.24

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020623 Date Analyzed: Nov 5 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 05:09

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	83605	7.705	315808	10.46	242644	14.32
UPPER LIMIT	167210	8.205	631616	10.963	485288	14.816
LOWER LIMIT	41802.5	7.205	157904	9.963	121322	13.816
EPA SAMPLE NO.						
24 A4EF5MS	89692	7.63	345184	10.39	287898	14.25
25 A4EF5MSD	93205	7.62	355430	10.38	281228	14.25
26 A4EE4	115229	7.63	437639	10.38	337600	14.26
27 A4EF2	107486	7.63	417148	10.38	328104	14.25
28 A4EF4	112871	7.62	444025	10.38	348977	14.25

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.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020697 Date Analyzed: Nov 4 2024 12:00AM

Lab File ID: BP022821.D Time Analyzed: 10:56

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	56139	7.622	216124	10.38	174650	14.25
UPPER LIMIT	112278	8.122	432248	10.881	349300	14.751
LOWER LIMIT	28069.5	7.122	108062	9.881	87325	13.751
EPA SAMPLE NO.						
01 SBLK462	60158	7.63	229602	10.39	185802	14.25
02 A4EA4	60339	7.63	261830	10.38	219362	14.26
03 A4EF6	92982	7.63	353814	10.38	291979	14.25
04 A4EF8	85476	7.63	333888	10.38	256295	14.24
05 A4EF9	85446	7.63	321292	10.38	254718	14.25
06 A4EA4DL	82147	7.63	316276	10.38	250854	14.25
07 A4EG0	87284	7.63	323817	10.39	256130	14.25

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.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020698 Date Analyzed: Nov 4 2024 12:00AM

Lab File ID: BP022829.D Time Analyzed: 17:00

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	76897	7.628	292684	10.39	231381	14.25
UPPER LIMIT	153794	8.128	585368	10.887	462762	14.751
LOWER LIMIT	38448.5	7.128	146342	9.887	115690.5	13.751
EPA SAMPLE NO.						
01 SBLK462	66001	7.63	248643	10.39	195141	14.25
02 A4EA4	79682	7.63	309461	10.39	258967	14.26
03 A4EA4DL	86351	7.63	322689	10.38	255518	14.25
04 A4EF6	92708	7.63	347935	10.39	276846	14.25
05 A4EE6	74727	7.63	286093	10.39	222359	14.26
06 A4ED0	89870	7.63	341778	10.38	275472	14.25
07 A4EA8	93081	7.63	355990	10.38	281323	14.25
08 A4EC7	70013	7.63	264066	10.38	212975	14.25
09 SLCS553	84463	7.63	329213	10.38	271136	14.24
10 A4EE5	77194	7.63	293627	10.38	239427	14.25
11 A4EB2	97682	7.63	378922	10.38	308741	14.25
12 A4EB4	77456	7.63	296638	10.38	241944	14.25
13 A4EB1	77944	7.63	289924	10.38	239564	14.24
14 SLCS462	92040	7.62	357009	10.38	293557	14.23

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.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020699 Date Analyzed: Nov 5 2024 12:00AM

Lab File ID: BP022844.D Time Analyzed: 03:48

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	86391	7.628	327644	10.38	267425	14.26
UPPER LIMIT	172782	8.128	655288	10.881	534850	14.757
LOWER LIMIT	43195.5	7.128	163822	9.881	133712.5	13.757
EPA SAMPLE NO.						
01 SBLK553	90363	7.63	352454	10.38	281962	14.24
02 A4EF5	60137	7.63	224823	10.38	180297	14.24
03 A4EF5MS	89692	7.63	345184	10.39	287898	14.25
04 A4EF5MSD	93205	7.62	355430	10.38	281228	14.25
05 A4EE4	115229	7.63	437639	10.38	337600	14.26
06 A4EF2	107486	7.63	417148	10.38	328104	14.25
07 A4EF4	112871	7.62	444025	10.38	348977	14.25

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.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020623 Date Analyzed: Nov 4 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 10:56

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	SBLK462	452341	17.06	471244	21.49	505904	24.73
02	A4EA4	586306	17.06	608686	21.48	750572	24.73
03	A4EF6	731697	17.05	729245	21.49	834822	24.75
04	A4EF8	617192	17.05	677795	21.49	828325	24.73
05	A4EF9	606912	17.06	669135	21.47	772740	24.72
06	A4EA4DL	587113	17.05	599201	21.49	725940	24.73
07	A4EG0	622477	17.05	724912	21.49	877551	24.74
08	SBLK462	493892	17.05	568243	21.49	643048	24.73
09	A4EA4	655932	17.06	713524	21.50	847830	24.73
10	A4EA4DL	618023	17.06	623939	21.48	761305	24.73
11	A4EF6	665146	17.05	701885	21.48	827537	24.73
12	A4EE6	549177	17.06	556580	21.48	701282	24.73
13	A4ED0	666057	17.05	745669	21.49	848379	24.74
14	A4EA8	674130	17.06	677970	21.47	792278	24.72
15	A4EC7	530518	17.05	619115	21.47	772846	24.72
16	SLCS553	669891	17.06	709222	21.47	824741	24.72
17	A4EE5	590076	17.05	643128	21.48	781295	24.73
18	A4EB2	743626	17.05	732715	21.48	864350	24.73
19	A4EB4	600443	17.06	667178	21.49	801696	24.72
20	A4EB1	581749	17.05	644413	21.49	800710	24.72
21	SLCS462	743473	17.05	833883	21.49	949981	24.72

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020623 Date Analyzed: Nov 5 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 03:48

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	593138	17.11	695777	21.539	837782	24.821
UPPER LIMIT	1186276	17.61	1391554	22.039	1675564	25.321
LOWER LIMIT	296569	16.61	347888.5	21.039	418891	24.321
EPA SAMPLE NO.						
22 SBLK553	665439	17.05	702223	21.49	802984	24.73
23 A4EF5	456023	17.06	557291	21.49	732252	24.73
24 A4EF5MS	681632	17.05	697917	21.49	804674	24.73
25 A4EF5MSD	711101	17.05	721001	21.49	861945	24.73
26 A4EE4	778138	17.06	773488	21.49	900233	24.74
27 A4EF2	766513	17.05	726279	21.48	884651	24.72
28 A4EF4	836540	17.06	759595	21.49	884883	24.73

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.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020697 Date Analyzed: Nov 4 2024 12:00AM

Lab File ID: BP022821.D Time Analyzed: 10:56

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	469158	17.063	540479	21.492	647357	24.745
UPPER LIMIT	938316	17.563	1080958	21.992	1294714	25.245
LOWER LIMIT	234579	16.563	270239.5	20.992	323678.5	24.245
EPA SAMPLE NO.						
01 SBLK462	452341	17.06	471244	21.49	505904	24.73
02 A4EA4	586306	17.06	608686	21.48	750572	24.73
03 A4EF6	731697	17.05	729245	21.49	834822	24.75
04 A4EF8	617192	17.05	677795	21.49	828325	24.73
05 A4EF9	606912	17.06	669135	21.47	772740	24.72
06 A4EA4DL	587113	17.05	599201	21.49	725940	24.73
07 A4EG0	622477	17.05	724912	21.49	877551	24.74

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.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020698 Date Analyzed: Nov 4 2024 12:00AM

Lab File ID: BP022829.D Time Analyzed: 17:00

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	583437	17.063	643724	21.48	734852	24.721
UPPER LIMIT	1166874	17.563	1287448	21.98	1469704	25.221
LOWER LIMIT	291718.5	16.563	321862	20.98	367426	24.221
EPA SAMPLE NO.						
01 SBLK462	493892	17.05	568243	21.49	643048	24.73
02 A4EA4	655932	17.06	713524	21.50	847830	24.73
03 A4EA4DL	618023	17.06	623939	21.48	761305	24.73
04 A4EF6	665146	17.05	701885	21.48	827537	24.73
05 A4EE6	549177	17.06	556580	21.48	701282	24.73
06 A4ED0	666057	17.05	745669	21.49	848379	24.74
07 A4EA8	674130	17.06	677970	21.47	792278	24.72
08 A4EC7	530518	17.05	619115	21.47	772846	24.72
09 SLCS553	669891	17.06	709222	21.47	824741	24.72
10 A4EE5	590076	17.05	643128	21.48	781295	24.73
11 A4EB2	743626	17.05	732715	21.48	864350	24.73
12 A4EB4	600443	17.06	667178	21.49	801696	24.72
13 A4EB1	581749	17.05	644413	21.49	800710	24.72
14 SLCS462	743473	17.05	833883	21.49	949981	24.72

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.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020699 Date Analyzed: Nov 5 2024 12:00AM

Lab File ID: BP022844.D Time Analyzed: 03:48

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	665930	17.057	695114	21.486	757714	24.727
UPPER LIMIT	1331860	17.557	1390228	21.986	1515428	25.227
LOWER LIMIT	332965	16.557	347557	20.986	378857	24.227
EPA SAMPLE NO.						
01 SBLK553	665439	17.05	702223	21.49	802984	24.73
02 A4EF5	456023	17.06	557291	21.49	732252	24.73
03 A4EF5MS	681632	17.05	697917	21.49	804674	24.73
04 A4EF5MSD	711101	17.05	721001	21.49	861945	24.73
05 A4EE4	778138	17.06	773488	21.49	900233	24.74
06 A4EF2	766513	17.05	726279	21.48	884651	24.72
07 A4EF4	836540	17.06	759595	21.49	884883	24.73

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP110424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164462BS	1,4-Dioxane	530	240	ug/Kg	45				0	0		
	Benzaldehyde	1300	100	ug/Kg	8				0	0		
	Pyridine	1300	660	ug/Kg	51				0	0		
	Phenol	1300	770	ug/Kg	59				0	0		
	Bis(2-chloroethyl)ether	1300	710	ug/Kg	55				0	0		
	2-Chlorophenol	1300	800	ug/Kg	62				0	0		
	2-Methylphenol	1300	770	ug/Kg	59				0	0		
	2,2-oxybis(1-Chloropropane)	1300	710	ug/Kg	55				0	0		
	Acetophenone	1300	740	ug/Kg	57				0	0		
	4-Methylphenol	1300	770	ug/Kg	59				0	0		
	N-Nitroso-di-n-propylamine	1300	740	ug/Kg	57				0	0		
	Hexachloroethane	1300	770	ug/Kg	59				0	0		
	Nitrobenzene	1300	740	ug/Kg	57				0	0		
	Isophorone	1300	740	ug/Kg	57				0	0		
	2-Nitrophenol	1300	800	ug/Kg	62				0	0		
	2,4-Dimethylphenol	1300	710	ug/Kg	55				0	0		
	Bis(2-chloroethoxy)methane	1300	730	ug/Kg	56				0	0		
	2,4-Dichlorophenol	1300	840	ug/Kg	65				0	0		
	Naphthalene	1300	760	ug/Kg	58				0	0		
	4-Chloroaniline	1300	420	ug/Kg	32				0	0		
	Hexachlorobutadiene	1300	790	ug/Kg	61				0	0		
	Caprolactam	1300	740	ug/Kg	57				0	0		
	4-Chloro-3-methylphenol	1300	830	ug/Kg	64				0	0		
	1-Methylnaphthalene	1300	780	ug/Kg	60				0	0		
	2-Methylnaphthalene	1300	790	ug/Kg	61				0	0		
	Hexachlorocyclopentadiene	1300	410	ug/Kg	32				0	0		
	2,4,6-Trichlorophenol	1300	800	ug/Kg	62				0	0		
	2,4,5-Trichlorophenol	1300	830	ug/Kg	64				0	0		
	1,1'-Biphenyl	1300	760	ug/Kg	58				0	0		
	2-Chloronaphthalene	1300	760	ug/Kg	58				0	0		
	2-Nitroaniline	1300	770	ug/Kg	59				0	0		
	Dimethylphthalate	1300	760	ug/Kg	58				0	0		
	2,6-Dinitrotoluene	1300	830	ug/Kg	64				0	0		
	Acenaphthylene	1300	760	ug/Kg	58				0	0		
	3-Nitroaniline	1300	760	ug/Kg	58				0	0		
	Acenaphthene	1300	770	ug/Kg	59				0	0		
	2,4-Dinitrophenol	1300	650	ug/Kg	50				0	0		
	4-Nitrophenol	1300	740	ug/Kg	57				0	0		
	Dibenzofuran	1300	780	ug/Kg	60				0	0		
	2,4-Dinitrotoluene	1300	820	ug/Kg	63				0	0		
	Diethylphthalate	1300	780	ug/Kg	60				0	0		
	Fluorene	1300	780	ug/Kg	60				0	0		
	4-Chlorophenyl-phenylether	1300	790	ug/Kg	61				0	0		
	4-Nitroaniline	1300	860	ug/Kg	66				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP110424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB164462BS	4,6-Dinitro-2-methylphenol	1300	710	ug/Kg	55				0	0	
	N-Nitrosodiphenylamine	1300	740	ug/Kg	57				0	0	
	1,2,4,5-Tetrachlorobenzene	1300	770	ug/Kg	59				0	0	
	4-Bromophenyl-phenylether	1300	810	ug/Kg	62				0	0	
	Hexachlorobenzene	1300	810	ug/Kg	62				0	0	
	Atrazine	1300	800	ug/Kg	62				0	0	
	Pentachlorophenol	1300	810	ug/Kg	62				0	0	
	Phenanthrene	1300	760	ug/Kg	58				0	0	
	Pentachlorobenzene	1300	750	ug/Kg	58				0	0	
	Anthracene	1300	760	ug/Kg	58				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	740	ug/Kg	57				0	0	
	Carbazole	1300	760	ug/Kg	58				0	0	
	Di-n-butylphthalate	1300	790	ug/Kg	61				0	0	
	Fluoranthene	1300	800	ug/Kg	62				0	0	
	Pyrene	1300	790	ug/Kg	61				0	0	
	Butylbenzylphthalate	1300	790	ug/Kg	61				0	0	
	3,3'-Dichlorobenzidine	1300	790	ug/Kg	61				0	0	
	Benzo(a)anthracene	1300	760	ug/Kg	58				0	0	
	Chrysene	1300	760	ug/Kg	58				0	0	
	Bis(2-ethylhexyl)phthalate	1300	780	ug/Kg	60				0	0	
	Di-n-octylphthalate	1300	790	ug/Kg	61				0	0	
	Benzo(b)fluoranthene	1300	780	ug/Kg	60				0	0	
	Benzo(k)fluoranthene	1300	800	ug/Kg	62				0	0	
	Benzo(a)pyrene	1300	770	ug/Kg	59				0	0	
	Indeno(1,2,3-cd)pyrene	1300	770	ug/Kg	59				0	0	
	Dibenzo(a,h)anthracene	1300	760	ug/Kg	58				0	0	
	Benzo(g,h,i)perylene	1300	770	ug/Kg	59				0	0	
	2,3,4,6-Tetrachlorophenol	1300	840	ug/Kg	65				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP110424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164553BS	1,4-Dioxane	530	290	ug/Kg	55				0	0		
	Benzaldehyde	1300	130	ug/Kg	10				0	0		
	Pyridine	1300	770	ug/Kg	59				0	0		
	Phenol	1300	860	ug/Kg	66				0	0		
	Bis(2-chloroethyl)ether	1300	810	ug/Kg	62				0	0		
	2-Chlorophenol	1300	900	ug/Kg	69				0	0		
	2-Methylphenol	1300	860	ug/Kg	66				0	0		
	2,2-oxybis(1-Chloropropane)	1300	790	ug/Kg	61				0	0		
	Acetophenone	1300	830	ug/Kg	64				0	0		
	4-Methylphenol	1300	860	ug/Kg	66				0	0		
	N-Nitroso-di-n-propylamine	1300	830	ug/Kg	64				0	0		
	Hexachloroethane	1300	840	ug/Kg	65				0	0		
	Nitrobenzene	1300	840	ug/Kg	65				0	0		
	Isophorone	1300	830	ug/Kg	64				0	0		
	2-Nitrophenol	1300	890	ug/Kg	68				0	0		
	2,4-Dimethylphenol	1300	830	ug/Kg	64				0	0		
	Bis(2-chloroethoxy)methane	1300	810	ug/Kg	62				0	0		
	2,4-Dichlorophenol	1300	940	ug/Kg	72				0	0		
	Naphthalene	1300	850	ug/Kg	65				0	0		
	4-Chloroaniline	1300	490	ug/Kg	38				0	0		
	Hexachlorobutadiene	1300	910	ug/Kg	70				0	0		
	Caprolactam	1300	800	ug/Kg	62				0	0		
	4-Chloro-3-methylphenol	1300	900	ug/Kg	69				0	0		
	1-Methylnaphthalene	1300	860	ug/Kg	66				0	0		
	2-Methylnaphthalene	1300	890	ug/Kg	68				0	0		
	Hexachlorocyclopentadiene	1300	460	ug/Kg	35				0	0		
	2,4,6-Trichlorophenol	1300	890	ug/Kg	68				0	0		
	2,4,5-Trichlorophenol	1300	920	ug/Kg	71				0	0		
	1,1'-Biphenyl	1300	850	ug/Kg	65				0	0		
	2-Chloronaphthalene	1300	860	ug/Kg	66				0	0		
	2-Nitroaniline	1300	860	ug/Kg	66				0	0		
	Dimethylphthalate	1300	840	ug/Kg	65				0	0		
	2,6-Dinitrotoluene	1300	920	ug/Kg	71				0	0		
	Acenaphthylene	1300	840	ug/Kg	65				0	0		
	3-Nitroaniline	1300	820	ug/Kg	63				0	0		
	Acenaphthene	1300	870	ug/Kg	67				0	0		
	2,4-Dinitrophenol	1300	660	ug/Kg	51				0	0		
	4-Nitrophenol	1300	820	ug/Kg	63				0	0		
	Dibenzofuran	1300	870	ug/Kg	67				0	0		
	2,4-Dinitrotoluene	1300	920	ug/Kg	71				0	0		
	Diethylphthalate	1300	890	ug/Kg	68				0	0		
	Fluorene	1300	870	ug/Kg	67				0	0		
	4-Chlorophenyl-phenylether	1300	890	ug/Kg	68				0	0		
	4-Nitroaniline	1300	970	ug/Kg	75				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP110424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164553BS	4,6-Dinitro-2-methylphenol	1300	780	ug/Kg	60				0	0		
	N-Nitrosodiphenylamine	1300	860	ug/Kg	66				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	870	ug/Kg	67				0	0		
	4-Bromophenyl-phenylether	1300	920	ug/Kg	71				0	0		
	Hexachlorobenzene	1300	920	ug/Kg	71				0	0		
	Atrazine	1300	880	ug/Kg	68				0	0		
	Pentachlorophenol	1300	900	ug/Kg	69				0	0		
	Phenanthrene	1300	860	ug/Kg	66				0	0		
	Pentachlorobenzene	1300	870	ug/Kg	67				0	0		
	Anthracene	1300	860	ug/Kg	66				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	860	ug/Kg	66				0	0		
	Carbazole	1300	860	ug/Kg	66				0	0		
	Di-n-butylphthalate	1300	870	ug/Kg	67				0	0		
	Fluoranthene	1300	930	ug/Kg	72				0	0		
	Pyrene	1300	910	ug/Kg	70				0	0		
	Butylbenzylphthalate	1300	890	ug/Kg	68				0	0		
	3,3'-Dichlorobenzidine	1300	890	ug/Kg	68				0	0		
	Benzo(a)anthracene	1300	880	ug/Kg	68				0	0		
	Chrysene	1300	880	ug/Kg	68				0	0		
	Bis(2-ethylhexyl)phthalate	1300	890	ug/Kg	68				0	0		
	Di-n-octylphthalate	1300	860	ug/Kg	66				0	0		
	Benzo(b)fluoranthene	1300	910	ug/Kg	70				0	0		
	Benzo(k)fluoranthene	1300	910	ug/Kg	70				0	0		
	Benzo(a)pyrene	1300	870	ug/Kg	67				0	0		
	Indeno(1,2,3-cd)pyrene	1300	860	ug/Kg	66				0	0		
	Dibenzo(a,h)anthracene	1300	860	ug/Kg	66				0	0		
	Benzo(g,h,i)perylene	1300	850	ug/Kg	65				0	0		
	2,3,4,6-Tetrachlorophenol	1300	920	ug/Kg	71				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK462

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP110424

SAS No.: BP110424 SDG NO.: BP110424

Lab File ID: BP022830.D

Lab Sample ID: PB164462BL

Instrument ID: BNA_P

Date Extracted: 10/28/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/04/2024

Level: (low/med) LOW

Time Analyzed: 17:00

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4EA4	P4568-02	BP022823.D	11/04/2024
A4EF6	P4568-06	BP022824.D	11/04/2024
A4EF8	P4568-07	BP022825.D	11/04/2024
A4EF9	P4568-08	BP022826.D	11/04/2024
A4EG0	P4568-09	BP022828.D	11/04/2024
A4EE5	P4568-15	BP022839.D	11/04/2024
A4EA4	P4568-02	BP022831.D	11/04/2024
A4EF6	P4568-06	BP022833.D	11/04/2024
A4EE6	P4568-16	BP022834.D	11/04/2024
A4EF5	P4568-03	BP022846.D	11/05/2024
A4EF5MS	P4568-04MS	BP022847.D	11/05/2024
A4EF5MSD	P4568-05MSD	BP022848.D	11/05/2024
A4EE4	P4568-14	BP022849.D	11/05/2024
A4EF2	P4568-18	BP022850.D	11/05/2024
A4EF4	P4568-20	BP022851.D	11/05/2024
PB164462BS	PB164462BS	BP022843.D	11/05/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK553

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP110424

SAS No.: BP110424 SDG NO.: BP110424

Lab File ID: BP022845.D

Lab Sample ID: PB164553BL

Instrument ID: BNA_P

Date Extracted: 10/31/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/05/2024

Level: (low/med) LOW

Time Analyzed: 03:48

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4ED0	P4581-04	BP022835.D	11/04/2024
A4EA8	P4581-08	BP022836.D	11/04/2024
A4EC7	P4581-12	BP022837.D	11/04/2024
PB164553BS	PB164553BS	BP022838.D	11/04/2024
A4EB2	P4581-21	BP022840.D	11/04/2024
A4EB4	P4581-22	BP022841.D	11/05/2024
A4EB1	P4581-20	BP022842.D	11/05/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP110424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4568-04MS	Client Sample ID:	A4EF5MS					DataFile:	BP022847.D		
1,4-Dioxane	1400		840	ug/Kg	60				15	120	
Benzaldehyde	3400		360	ug/Kg	11				0	0	
Pyridine	3400		2300	ug/Kg	68				0	0	
Phenol	3400		2800	ug/Kg	82				26	90	
Bis(2-chloroethyl)ether	3400		2600	ug/Kg	76				0	0	
2-Chlorophenol	3400		2900	ug/Kg	85				25	102	
2-Methylphenol	3400		2800	ug/Kg	82				0	0	
2,2-oxybis(1-Chloropropane)	3400		2600	ug/Kg	76				0	0	
Acetophenone	3400		2700	ug/Kg	79				0	0	
4-Methylphenol	3400		2800	ug/Kg	82				0	0	
N-Nitroso-di-n-propylamine	3400		2700	ug/Kg	79				41	126	
Hexachloroethane	3400		2700	ug/Kg	79				0	0	
Nitrobenzene	3400		2700	ug/Kg	79				0	0	
Isophorone	3400		2700	ug/Kg	79				0	0	
2-Nitrophenol	3400		2900	ug/Kg	85				0	0	
2,4-Dimethylphenol	3400		2900	ug/Kg	85				0	0	
Bis(2-chloroethoxy)methane	3400		2700	ug/Kg	79				0	0	
2,4-Dichlorophenol	3400		3100	ug/Kg	91				0	0	
Naphthalene	3400		2800	ug/Kg	82				0	0	
4-Chloroaniline	3400		1600	ug/Kg	47				0	0	
Hexachlorobutadiene	3400		3000	ug/Kg	88				0	0	
Caprolactam	3400		2700	ug/Kg	79				0	0	
4-Chloro-3-methylphenol	3400		3000	ug/Kg	88				26	103	
1-Methylnaphthalene	3400		2800	ug/Kg	82				0	0	
2-Methylnaphthalene	3400		2900	ug/Kg	85				0	0	
Hexachlorocyclopentadiene	3400		1600	ug/Kg	47				0	0	
2,4,6-Trichlorophenol	3400		2900	ug/Kg	85				0	0	
2,4,5-Trichlorophenol	3400		3000	ug/Kg	88				0	0	
1,1'-Biphenyl	3400		2800	ug/Kg	82				0	0	
2-Chloronaphthalene	3400		2800	ug/Kg	82				0	0	
2-Nitroaniline	3400		2700	ug/Kg	79				0	0	
Dimethylphthalate	3400		2700	ug/Kg	79				0	0	
2,6-Dinitrotoluene	3400		3000	ug/Kg	88				0	0	
Acenaphthylene	3400		2700	ug/Kg	79				0	0	
3-Nitroaniline	3400		2700	ug/Kg	79				0	0	
Acenaphthene	3400		2800	ug/Kg	82				31	137	
2,4-Dinitrophenol	3400		2300	ug/Kg	68				0	0	
4-Nitrophenol	3400		2600	ug/Kg	76				11	114	
Dibenzofuran	3400		2800	ug/Kg	82				0	0	
2,4-Dinitrotoluene	3400		2900	ug/Kg	85				28	89	
Diethylphthalate	3400		2800	ug/Kg	82				0	0	
Fluorene	3400		2800	ug/Kg	82				0	0	
4-Chlorophenyl-phenylether	3400		2900	ug/Kg	85				0	0	
4-Nitroaniline	3400		3000	ug/Kg	88				0	0	
4,6-Dinitro-2-methylphenol	3400		2500	ug/Kg	74				0	0	
N-Nitrosodiphenylamine	3400		2800	ug/Kg	82				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP110424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	3400		2800	ug/Kg	82				0	0	
4-Bromophenyl-phenylether	3400		3100	ug/Kg	91				0	0	
Hexachlorobenzene	3400		3100	ug/Kg	91				0	0	
Atrazine	3400		3000	ug/Kg	88				0	0	
Pentachlorophenol	3400		3000	ug/Kg	88				17	109	
Phenanthrene	3400	210	2900	ug/Kg	79				0	0	
Pentachlorobenzene	3400		2900	ug/Kg	85				0	0	
Anthracene	3400		2800	ug/Kg	82				0	0	
1,2,3,4-Tetrachlorobenzene	3400		2900	ug/Kg	85				0	0	
Carbazole	3400		2800	ug/Kg	82				0	0	
Di-n-butylphthalate	3400		2900	ug/Kg	85				0	0	
Fluoranthene	3400	300	3300	ug/Kg	88				0	0	
Pyrene	3400	260	3200	ug/Kg	86				35	142	
Butylbenzylphthalate	3400		3000	ug/Kg	88				0	0	
3,3'-Dichlorobenzidine	3400		2500	ug/Kg	74				0	0	
Benzo(a)anthracene	3400	130	2800	ug/Kg	79				0	0	
Chrysene	3400	160	2900	ug/Kg	81				0	0	
Bis(2-ethylhexyl)phthalate	3400		2900	ug/Kg	85				0	0	
Di-n-octylphthalate	3400		2900	ug/Kg	85				0	0	
Benzo(b)fluoranthene	3400	190	3000	ug/Kg	83				0	0	
Benzo(k)fluoranthene	3400		2900	ug/Kg	85				0	0	
Benzo(a)pyrene	3400	130	2900	ug/Kg	81				0	0	
Indeno(1,2,3-cd)pyrene	3400		2900	ug/Kg	85				0	0	
Dibenzo(a,h)anthracene	3400		2900	ug/Kg	85				0	0	
Benzo(g,h,i)perylene	3400	99	2800	ug/Kg	79				0	0	
2,3,4,6-Tetrachlorophenol	3400		3000	ug/Kg	88				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP110424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4568-05MSD	Client Sample ID:	A4EF5MSD					DataFile:	BP022848.D		
1,4-Dioxane	1400		860	ug/Kg	61		2		15	120	50
Benzaldehyde	3400		370	ug/Kg	11		0		0	0	0
Pyridine	3400		2500	ug/Kg	74		8	*	0	0	0
Phenol	3400		2800	ug/Kg	82		0		26	90	35
Bis(2-chloroethyl)ether	3400		2600	ug/Kg	76		0		0	0	0
2-Chlorophenol	3400		2900	ug/Kg	85		0		25	102	50
2-Methylphenol	3400		2800	ug/Kg	82		0		0	0	0
2,2-oxybis(1-Chloropropane)	3400		2500	ug/Kg	74		3	*	0	0	0
Acetophenone	3400		2700	ug/Kg	79		0		0	0	0
4-Methylphenol	3400		2800	ug/Kg	82		0		0	0	0
N-Nitroso-di-n-propylamine	3400		2600	ug/Kg	76		4		41	126	38
Hexachloroethane	3400		2800	ug/Kg	82		4	*	0	0	0
Nitrobenzene	3400		2800	ug/Kg	82		4	*	0	0	0
Isophorone	3400		2700	ug/Kg	79		0		0	0	0
2-Nitrophenol	3400		3000	ug/Kg	88		3	*	0	0	0
2,4-Dimethylphenol	3400		2900	ug/Kg	85		0		0	0	0
Bis(2-chloroethoxy)methane	3400		2600	ug/Kg	76		4	*	0	0	0
2,4-Dichlorophenol	3400		3100	ug/Kg	91		0		0	0	0
Naphthalene	3400		2900	ug/Kg	85		4	*	0	0	0
4-Chloroaniline	3400		1700	ug/Kg	50		6	*	0	0	0
Hexachlorobutadiene	3400		2900	ug/Kg	85		3	*	0	0	0
Caprolactam	3400		2700	ug/Kg	79		0		0	0	0
4-Chloro-3-methylphenol	3400		3000	ug/Kg	88		0		26	103	33
1-Methylnaphthalene	3400		2800	ug/Kg	82		0		0	0	0
2-Methylnaphthalene	3400		2900	ug/Kg	85		0		0	0	0
Hexachlorocyclopentadiene	3400		1500	ug/Kg	44		7	*	0	0	0
2,4,6-Trichlorophenol	3400		3100	ug/Kg	91		7	*	0	0	0
2,4,5-Trichlorophenol	3400		3200	ug/Kg	94		7	*	0	0	0
1,1'-Biphenyl	3400		2900	ug/Kg	85		4	*	0	0	0
2-Chloronaphthalene	3400		3000	ug/Kg	88		7	*	0	0	0
2-Nitroaniline	3400		2900	ug/Kg	85		7	*	0	0	0
Dimethylphthalate	3400		2800	ug/Kg	82		4	*	0	0	0
2,6-Dinitrotoluene	3400		3100	ug/Kg	91		3	*	0	0	0
Acenaphthylene	3400		2900	ug/Kg	85		7	*	0	0	0
3-Nitroaniline	3400		2900	ug/Kg	85		7	*	0	0	0
Acenaphthene	3400		2900	ug/Kg	85		4		31	137	19
2,4-Dinitrophenol	3400		2300	ug/Kg	68		0		0	0	0
4-Nitrophenol	3400		2800	ug/Kg	82		8		11	114	50
Dibenzofuran	3400		2900	ug/Kg	85		4	*	0	0	0
2,4-Dinitrotoluene	3400		3200	ug/Kg	94	*	10		28	89	47
Diethylphthalate	3400		2900	ug/Kg	85		4	*	0	0	0
Fluorene	3400		3000	ug/Kg	88		7	*	0	0	0
4-Chlorophenyl-phenylether	3400		3000	ug/Kg	88		3	*	0	0	0
4-Nitroaniline	3400		3300	ug/Kg	97		10	*	0	0	0
4,6-Dinitro-2-methylphenol	3400		2400	ug/Kg	71		4	*	0	0	0
N-Nitrosodiphenylamine	3400		2800	ug/Kg	82		0		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP110424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	3400		3000	ug/Kg	88	7	*		0	0	0
4-Bromophenyl-phenylether	3400		3100	ug/Kg	91	0			0	0	0
Hexachlorobenzene	3400		3000	ug/Kg	88	3	*		0	0	0
Atrazine	3400		3000	ug/Kg	88	0			0	0	0
Pentachlorophenol	3400		3100	ug/Kg	91	3			17	109	47
Phenanthrene	3400	210	3000	ug/Kg	82	4	*		0	0	0
Pentachlorobenzene	3400		2800	ug/Kg	82	4	*		0	0	0
Anthracene	3400		2800	ug/Kg	82	0			0	0	0
1,2,3,4-Tetrachlorobenzene	3400		2900	ug/Kg	85	0			0	0	0
Carbazole	3400		2800	ug/Kg	82	0			0	0	0
Di-n-butylphthalate	3400		2800	ug/Kg	82	4	*		0	0	0
Fluoranthene	3400	300	3400	ug/Kg	91	3	*		0	0	0
Pyrene	3400	260	3300	ug/Kg	89	3			35	142	36
Butylbenzylphthalate	3400		3000	ug/Kg	88	0			0	0	0
3,3'-Dichlorobenzidine	3400		2400	ug/Kg	71	4	*		0	0	0
Benzo(a)anthracene	3400	130	3000	ug/Kg	84	6	*		0	0	0
Chrysene	3400	160	3100	ug/Kg	86	6	*		0	0	0
Bis(2-ethylhexyl)phthalate	3400		3000	ug/Kg	88	3	*		0	0	0
Di-n-octylphthalate	3400		2900	ug/Kg	85	0			0	0	0
Benzo(b)fluoranthene	3400	190	3100	ug/Kg	86	4	*		0	0	0
Benzo(k)fluoranthene	3400		3000	ug/Kg	88	3	*		0	0	0
Benzo(a)pyrene	3400	130	3000	ug/Kg	84	4	*		0	0	0
Indeno(1,2,3-cd)pyrene	3400		3000	ug/Kg	88	3	*		0	0	0
Dibenzo(a,h)anthracene	3400		2900	ug/Kg	85	0			0	0	0
Benzo(g,h,i)perylene	3400	99	2900	ug/Kg	82	4	*		0	0	0
2,3,4,6-Tetrachlorophenol	3400		3200	ug/Kg	94	7	*		0	0	0

Surrogate Summary

SW-846

SDG No.: BP110424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4568-02	A4EA4	BP022823.D	1,4-Dioxane-d8	8	2.95	37		15	120
			Pyridine-d5	40	0.00	0	*	20	120
		BP022831.D	1,4-Dioxane-d8	8	2.64	33		15	120
			Pyridine-d5	40	0.00	0	*	20	120
		BP022823.D	Phenol-d5	40	16.28	41		10	130
			Phenol-d5	40	15.53	39		10	130
		BP022831.D	Bis(2-Chloroethyl)ether-d8	40	15.61	39		10	150
			Bis(2-Chloroethyl)ether-d8	40	15.61	39		10	150
		BP022823.D	2-Chlorophenol-d4	40	17.53	44		15	120
			2-Chlorophenol-d4	40	16.54	41		15	120
		BP022831.D	4-Methylphenol-d8	40	15.17	38		10	140
			4-Methylphenol-d8	40	15.29	38		10	140
		BP022823.D	Nitrobenzene-d5	40	15.63	39		10	135
			Nitrobenzene-d5	40	17.56	44		10	135
		BP022823.D	2-Nitrophenol-d4	40	17.24	43		10	120
			2-Nitrophenol-d4	40	17.72	44		10	120
		BP022823.D	2,4-Dichlorophenol-d3	40	20.88	52		10	140
			2,4-Dichlorophenol-d3	40	21.56	54		10	140
		BP022831.D	4-Chloroaniline-d4	40	11.88	30		1	145
			4-Chloroaniline-d4	40	11.66	29		1	145
		BP022823.D	Dimethylphthalate-d6	40	19.08	48		10	145
			Dimethylphthalate-d6	40	18.16	45		10	145
		BP022831.D	Acenaphthylene-d8	40	19.01	48		15	120
			Acenaphthylene-d8	40	18.60	46		15	120
		BP022823.D	4-Nitrophenol-d4	40	14.98	37		10	150
			4-Nitrophenol-d4	40	14.94	37		10	150
		BP022831.D	Fluorene-d10	40	20.49	51		20	140
			Fluorene-d10	40	19.96	50		20	140
		BP022823.D	4,6-Dinitro-2-methylphenol-d2	40	13.86	35		10	130
			4,6-Dinitro-2-methylphenol-d2	40	12.62	32		10	130
		BP022831.D	Anthracene-d10	40	19.44	49		10	150
			Anthracene-d10	40	19.25	48		10	150
		BP022823.D	Pyrene-d10	40	20.46	51		10	130
			Pyrene-d10	40	19.08	48		10	130
		BP022831.D	Benzo(a)pyrene-d12	40	19.71	49		10	140
			Benzo(a)pyrene-d12	40	19.65	49		10	140
P4568-02DL	A4EA4DL	BP022827.D	1,4-Dioxane-d8	8	2.50	31		15	120
			Pyridine-d5	40	0.00	0	*	20	120
		BP022832.D	1,4-Dioxane-d8	8	2.94	37		15	120
			Pyridine-d5	40	0.00	0	*	20	120
		BP022827.D	Phenol-d5	40	16.62	42		10	130
			Phenol-d5	40	17.42	44		10	130
		BP022832.D	Bis(2-Chloroethyl)ether-d8	40	17.14	43		10	150
			Bis(2-Chloroethyl)ether-d8	40	16.79	42		10	150
		BP022827.D	2-Chlorophenol-d4	40	19.07	48		15	120
			2-Chlorophenol-d4	40	18.49	46		15	120
		BP022832.D	4-Methylphenol-d8	40	14.95	37		10	140
			4-Methylphenol-d8	40	15.70	39		10	140
			Nitrobenzene-d5	40	18.84	47		10	135

Surrogate Summary

SW-846

SDG No.: BP110424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4568-02DL	A4EA4DL	BP022827.D	Nitrobenzene-d5	40	18.50	46		10	135
			2-Nitrophenol-d4	40	17.50	44		10	120
		BP022832.D	2-Nitrophenol-d4	40	17.09	43		10	120
			2,4-Dichlorophenol-d3	40	22.47	56		10	140
		BP022827.D	2,4-Dichlorophenol-d3	40	21.89	55		10	140
			4-Chloroaniline-d4	40	13.03	33		1	145
		BP022832.D	4-Chloroaniline-d4	40	11.93	30		1	145
			Dimethylphthalate-d6	40	19.66	49		10	145
		BP022827.D	Dimethylphthalate-d6	40	19.66	49		10	145
			Acenaphthylene-d8	40	20.62	52		15	120
		BP022832.D	Acenaphthylene-d8	40	20.79	52		15	120
			4-Nitrophenol-d4	40	14.39	36		10	150
		BP022827.D	4-Nitrophenol-d4	40	13.97	35		10	150
			Fluorene-d10	40	21.52	54		20	140
		BP022832.D	Fluorene-d10	40	21.62	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.19	23		10	130
		BP022827.D	4,6-Dinitro-2-methylphenol-d2	40	9.39	23		10	130
			Anthracene-d10	40	21.20	53		10	150
		BP022832.D	Anthracene-d10	40	20.96	52		10	150
			Pyrene-d10	40	23.50	59		10	130
		BP022827.D	Pyrene-d10	40	22.90	57		10	130
			Benzo(a)pyrene-d12	40	21.25	53		10	140
		BP022832.D	Benzo(a)pyrene-d12	40	21.02	53		10	140
P4568-03	A4EF5	BP022846.D	1,4-Dioxane-d8	8	3.64	45		15	120
			Pyridine-d5	40	17.66	44		20	120
			Phenol-d5	40	21.80	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.01	55		10	150
			2-Chlorophenol-d4	40	24.17	60		15	120
			4-Methylphenol-d8	40	24.42	61		10	140
			Nitrobenzene-d5	40	24.91	62		10	135
			2-Nitrophenol-d4	40	26.09	65		10	120
			2,4-Dichlorophenol-d3	40	26.15	65		10	140
			4-Chloroaniline-d4	40	21.32	53		1	145
			Dimethylphthalate-d6	40	26.85	67		10	145
			Acenaphthylene-d8	40	26.93	67		15	120
			4-Nitrophenol-d4	40	17.24	43		10	150
			Fluorene-d10	40	28.41	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.04	43		10	130
			Anthracene-d10	40	28.53	71		10	150
			Pyrene-d10	40	27.52	69		10	130
			Benzo(a)pyrene-d12	40	28.86	72		10	140
P4568-04MS	A4EF5MS	BP022847.D	1,4-Dioxane-d8	8	2.69	34		15	120
			Pyridine-d5	40	14.38	36		20	120
			Phenol-d5	40	17.71	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.89	42		10	150
			2-Chlorophenol-d4	40	19.32	48		15	120
			4-Methylphenol-d8	40	19.15	48		10	140
			Nitrobenzene-d5	40	19.08	48		10	135
			2-Nitrophenol-d4	40	20.13	50		10	120

Surrogate Summary

SW-846

SDG No.: BP110424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4568-04MS	A4EF5MS	BP022847.D	2,4-Dichlorophenol-d3	40	21.90	55		10	140
			4-Chloroaniline-d4	40	17.66	44		1	145
			Dimethylphthalate-d6	40	19.67	49		10	145
			Acenaphthylene-d8	40	20.07	50		15	120
			4-Nitrophenol-d4	40	14.24	36		10	150
			Fluorene-d10	40	20.64	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.87	42		10	130
			Anthracene-d10	40	21.09	53		10	150
			Pyrene-d10	40	22.38	56		10	130
			Benzo(a)pyrene-d12	40	21.63	54		10	140
P4568-05MSD	A4EF5MSD	BP022848.D	1,4-Dioxane-d8	8	2.71	34		15	120
			Pyridine-d5	40	14.95	37		20	120
			Phenol-d5	40	18.36	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.45	44		10	150
			2-Chlorophenol-d4	40	19.52	49		15	120
			4-Methylphenol-d8	40	19.53	49		10	140
			Nitrobenzene-d5	40	19.61	49		10	135
			2-Nitrophenol-d4	40	20.93	52		10	120
			2,4-Dichlorophenol-d3	40	22.15	55		10	140
			4-Chloroaniline-d4	40	17.50	44		1	145
			Dimethylphthalate-d6	40	20.79	52		10	145
			Acenaphthylene-d8	40	21.12	53		15	120
			4-Nitrophenol-d4	40	16.16	40		10	150
			Fluorene-d10	40	22.26	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.28	41		10	130
			Anthracene-d10	40	21.05	53		10	150
			Pyrene-d10	40	23.13	58		10	130
			Benzo(a)pyrene-d12	40	22.57	56		10	140
P4568-06	A4EF6	BP022833.D	1,4-Dioxane-d8	8	0.97	12	*	15	120
			Pyridine-d5	40	0.76	2	*	20	120
		BP022824.D	1,4-Dioxane-d8	8	0.89	11	*	15	120
			Pyridine-d5	40	0.93	2	*	20	120
		BP022833.D	Phenol-d5	40	4.64	12		10	130
			Phenol-d5	40	9.35	23		10	130
		BP022824.D	Bis(2-Chloroethyl)ether-d8	40	10.05	25		10	150
			Bis(2-Chloroethyl)ether-d8	40	5.29	13		10	150
		BP022833.D	2-Chlorophenol-d4	40	5.40	13	*	15	120
			2-Chlorophenol-d4	40	10.49	26		15	120
		BP022824.D	4-Methylphenol-d8	40	8.72	22		10	140
			4-Methylphenol-d8	40	4.25	11		10	140
		BP022833.D	Nitrobenzene-d5	40	5.25	13		10	135
			Nitrobenzene-d5	40	11.00	27		10	135
		BP022824.D	2-Nitrophenol-d4	40	10.95	27		10	120
			2-Nitrophenol-d4	40	5.27	13		10	120
		BP022833.D	2,4-Dichlorophenol-d3	40	5.07	13		10	140
			2,4-Dichlorophenol-d3	40	10.31	26		10	140
		BP022824.D	4-Chloroaniline-d4	40	5.70	14		1	145
			4-Chloroaniline-d4	40	1.61	4		1	145
			Dimethylphthalate-d6	40	5.98	15		10	145

Surrogate Summary

SW-846

SDG No.: BP110424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4568-06	A4EF6	BP022833.D	Dimethylphthalate-d6	40	11.62	29		10	145
			Acenaphthylene-d8	40	10.85	27		15	120
		BP022824.D	Acenaphthylene-d8	40	5.39	13	*	15	120
			4-Nitrophenol-d4	40	2.27	6	*	10	150
		BP022833.D	4-Nitrophenol-d4	40	6.37	16		10	150
			Fluorene-d10	40	11.65	29		20	140
		BP022824.D	Fluorene-d10	40	6.20	16	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.63	7	*	10	130
		BP022833.D	4,6-Dinitro-2-methylphenol-d2	40	6.42	16		10	130
			Anthracene-d10	40	11.00	28		10	150
		BP022824.D	Anthracene-d10	40	5.62	14		10	150
			Pyrene-d10	40	4.62	12		10	130
		BP022833.D	Pyrene-d10	40	9.98	25		10	130
			Benzo(a)pyrene-d12	40	8.19	20		10	140
		BP022824.D	Benzo(a)pyrene-d12	40	2.91	7	*	10	140
P4568-07	A4EF8	BP022825.D	1,4-Dioxane-d8	8	2.75	34		15	120
			Pyridine-d5	40	14.17	35		20	120
			Phenol-d5	40	16.08	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.95	40		10	150
			2-Chlorophenol-d4	40	17.58	44		15	120
			4-Methylphenol-d8	40	17.14	43		10	140
			Nitrobenzene-d5	40	17.41	44		10	135
			2-Nitrophenol-d4	40	17.82	45		10	120
			2,4-Dichlorophenol-d3	40	17.68	44		10	140
			4-Chloroaniline-d4	40	16.11	40		1	145
			Dimethylphthalate-d6	40	18.18	45		10	145
			Acenaphthylene-d8	40	18.64	47		15	120
			4-Nitrophenol-d4	40	9.64	24		10	150
			Fluorene-d10	40	19.44	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.17	20		10	130
			Anthracene-d10	40	19.13	48		10	150
			Pyrene-d10	40	19.24	48		10	130
			Benzo(a)pyrene-d12	40	19.86	50		10	140
P4568-08	A4EF9	BP022826.D	1,4-Dioxane-d8	8	2.84	35		15	120
			Pyridine-d5	40	13.36	33		20	120
			Phenol-d5	40	16.87	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.83	45		10	150
			2-Chlorophenol-d4	40	18.44	46		15	120
			4-Methylphenol-d8	40	18.46	46		10	140
			Nitrobenzene-d5	40	18.49	46		10	135
			2-Nitrophenol-d4	40	20.06	50		10	120
			2,4-Dichlorophenol-d3	40	19.52	49		10	140
			4-Chloroaniline-d4	40	17.46	44		1	145
			Dimethylphthalate-d6	40	21.91	55		10	145
			Acenaphthylene-d8	40	20.77	52		15	120
			4-Nitrophenol-d4	40	12.93	32		10	150
			Fluorene-d10	40	22.27	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.96	32		10	130
			Anthracene-d10	40	22.93	57		10	150

Surrogate Summary

SW-846

SDG No.: BP110424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4568-08	A4EF9	BP022826.D	Pyrene-d10	40	23.33	58		10	130
			Benzo(a)pyrene-d12	40	23.32	58		10	140
P4568-09	A4EG0	BP022828.D	1,4-Dioxane-d8	8	1.58	20		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	7.99	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	8.59	21		10	150
			2-Chlorophenol-d4	40	9.05	23		15	120
			4-Methylphenol-d8	40	7.59	19		10	140
			Nitrobenzene-d5	40	9.02	23		10	135
			2-Nitrophenol-d4	40	8.75	22		10	120
			2,4-Dichlorophenol-d3	40	8.92	22		10	140
			4-Chloroaniline-d4	40	2.05	5		1	145
			Dimethylphthalate-d6	40	9.91	25		10	145
			Acenaphthylene-d8	40	9.34	23		15	120
			4-Nitrophenol-d4	40	4.97	12		10	150
			Fluorene-d10	40	10.40	26		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.54	11		10	130
			Anthracene-d10	40	9.71	24		10	150
			Pyrene-d10	40	7.58	19		10	130
			Benzo(a)pyrene-d12	40	5.02	13		10	140
P4568-14	A4EE4	BP022849.D	1,4-Dioxane-d8	8	0.98	12	*	15	120
			Pyridine-d5	40	0.81	2	*	20	120
			Phenol-d5	40	6.01	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	6.51	16		10	150
			2-Chlorophenol-d4	40	6.89	17		15	120
			4-Methylphenol-d8	40	6.32	16		10	140
			Nitrobenzene-d5	40	6.95	17		10	135
			2-Nitrophenol-d4	40	6.86	17		10	120
			2,4-Dichlorophenol-d3	40	6.87	17		10	140
			4-Chloroaniline-d4	40	0.90	2		1	145
			Dimethylphthalate-d6	40	7.47	19		10	145
			Acenaphthylene-d8	40	7.23	18		15	120
			4-Nitrophenol-d4	40	4.20	10		10	150
			Fluorene-d10	40	7.82	20		20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.15	5	*	10	130
			Anthracene-d10	40	7.87	20		10	150
			Pyrene-d10	40	6.10	15		10	130
			Benzo(a)pyrene-d12	40	3.73	9	*	10	140
P4568-15	A4EE5	BP022839.D	1,4-Dioxane-d8	8	1.35	17		15	120
			Pyridine-d5	40	1.13	3	*	20	120
			Phenol-d5	40	6.03	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	7.00	17		10	150
			2-Chlorophenol-d4	40	7.33	18		15	120
			4-Methylphenol-d8	40	6.23	16		10	140
			Nitrobenzene-d5	40	6.95	17		10	135
			2-Nitrophenol-d4	40	6.69	17		10	120
			2,4-Dichlorophenol-d3	40	6.92	17		10	140
			4-Chloroaniline-d4	40	2.71	7		1	145
			Dimethylphthalate-d6	40	7.62	19		10	145

Surrogate Summary

SW-846

SDG No.: BP110424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4568-15	A4EE5	BP022839.D	Acenaphthylene-d8	40	7.27	18		15	120
			4-Nitrophenol-d4	40	3.61	9	*	10	150
			Fluorene-d10	40	7.98	20		20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.69	7	*	10	130
			Anthracene-d10	40	7.49	19		10	150
			Pyrene-d10	40	5.57	14		10	130
			Benzo(a)pyrene-d12	40	3.56	9	*	10	140
P4568-16	A4EE6	BP022834.D	Pyridine-d5	40	0.83	2	*	20	120
			1,4-Dioxane-d8	8	1.05	13	*	15	120
			Phenol-d5	40	5.97	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	5.89	15		10	150
			2-Chlorophenol-d4	40	6.47	16		15	120
			4-Methylphenol-d8	40	4.97	12		10	140
			Nitrobenzene-d5	40	6.51	16		10	135
			2-Nitrophenol-d4	40	6.40	16		10	120
			2,4-Dichlorophenol-d3	40	6.53	16		10	140
			4-Chloroaniline-d4	40	2.02	5		1	145
			Dimethylphthalate-d6	40	7.53	19		10	145
			Acenaphthylene-d8	40	6.89	17		15	120
			4-Nitrophenol-d4	40	3.71	9	*	10	150
			Fluorene-d10	40	7.89	20		20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.02	8	*	10	130
			Anthracene-d10	40	7.12	18		10	150
			Pyrene-d10	40	6.33	16		10	130
			Benzo(a)pyrene-d12	40	4.06	10		10	140
P4568-18	A4EF2	BP022850.D	1,4-Dioxane-d8	8	2.35	29		15	120
			Pyridine-d5	40	7.94	20		20	120
			Phenol-d5	40	16.36	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.26	38		10	150
			2-Chlorophenol-d4	40	17.69	44		15	120
			4-Methylphenol-d8	40	14.26	36		10	140
			Nitrobenzene-d5	40	17.23	43		10	135
			2-Nitrophenol-d4	40	17.56	44		10	120
			2,4-Dichlorophenol-d3	40	17.59	44		10	140
			4-Chloroaniline-d4	40	8.47	21		1	145
			Dimethylphthalate-d6	40	17.34	43		10	145
			Acenaphthylene-d8	40	17.27	43		15	120
			4-Nitrophenol-d4	40	12.74	32		10	150
			Fluorene-d10	40	18.13	45		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.22	18		10	130
			Anthracene-d10	40	17.51	44		10	150
			Pyrene-d10	40	16.81	42		10	130
P4568-20	A4EF4	BP022851.D	Benzo(a)pyrene-d12	40	12.70	32		10	140
			1,4-Dioxane-d8	8	2.55	32		15	120
			Pyridine-d5	40	13.23	33		20	120
			Phenol-d5	40	17.28	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.71	42		10	150
			2-Chlorophenol-d4	40	18.57	46		15	120
			4-Methylphenol-d8	40	18.59	46		10	140

Surrogate Summary

SW-846

SDG No.: BP110424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4568-20	A4EF4	BP022851.D	Nitrobenzene-d5	40	18.36	46		10	135
			2-Nitrophenol-d4	40	19.74	49		10	120
			2,4-Dichlorophenol-d3	40	19.36	48		10	140
			4-Chloroaniline-d4	40	16.78	42		1	145
			Dimethylphthalate-d6	40	20.68	52		10	145
			Acenaphthylene-d8	40	20.20	51		15	120
			4-Nitrophenol-d4	40	13.39	33		10	150
			Fluorene-d10	40	21.51	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.87	25		10	130
			Anthracene-d10	40	20.51	51		10	150
			Pyrene-d10	40	23.31	58		10	130
			Benzo(a)pyrene-d12	40	21.67	54		10	140
PB164462BL	PB164462BL	BP022830.D	1,4-Dioxane-d8	8	4.43	55		15	120
			Pyridine-d5	40	23.39	58		20	120
		BP022822.D	Pyridine-d5	40	22.39	56		20	120
			1,4-Dioxane-d8	8	4.71	59		15	120
		BP022830.D	Phenol-d5	40	22.47	56		10	130
			Phenol-d5	40	23.84	60		10	130
		BP022822.D	Bis(2-Chloroethyl)ether-d8	40	23.72	59		10	150
			Bis(2-Chloroethyl)ether-d8	40	23.88	60		10	150
		BP022830.D	2-Chlorophenol-d4	40	24.66	62		15	120
			2-Chlorophenol-d4	40	25.93	65		15	120
		BP022822.D	4-Methylphenol-d8	40	23.92	60		10	140
			4-Methylphenol-d8	40	23.59	59		10	140
		BP022830.D	Nitrobenzene-d5	40	25.27	63		10	135
			Nitrobenzene-d5	40	24.96	62		10	135
		BP022822.D	2-Nitrophenol-d4	40	26.74	67		10	120
			2-Nitrophenol-d4	40	25.68	64		10	120
		BP022830.D	2,4-Dichlorophenol-d3	40	24.35	61		10	140
			2,4-Dichlorophenol-d3	40	24.63	62		10	140
		BP022822.D	4-Chloroaniline-d4	40	24.96	62		1	145
			4-Chloroaniline-d4	40	23.54	59		1	145
		BP022830.D	Dimethylphthalate-d6	40	27.33	68		10	145
			Dimethylphthalate-d6	40	27.11	68		10	145
		BP022822.D	Acenaphthylene-d8	40	26.19	65		15	120
			Acenaphthylene-d8	40	25.48	64		15	120
		BP022830.D	4-Nitrophenol-d4	40	17.10	43		10	150
			4-Nitrophenol-d4	40	20.69	52		10	150
		BP022822.D	Fluorene-d10	40	27.36	68		20	140
			Fluorene-d10	40	30.68	77		20	140
		BP022830.D	4,6-Dinitro-2-methylphenol-d2	40	21.50	54		10	130
			4,6-Dinitro-2-methylphenol-d2	40	18.66	47		10	130
		BP022822.D	Anthracene-d10	40	27.08	68		10	150
			Anthracene-d10	40	27.50	69		10	150
		BP022830.D	Pyrene-d10	40	29.31	73		10	130
			Pyrene-d10	40	27.14	68		10	130
		BP022822.D	Benzo(a)pyrene-d12	40	28.01	70		10	140
			Benzo(a)pyrene-d12	40	27.45	69		10	140
		BP022843.D	1,4-Dioxane-d8	8	3.66	46		15	120

Surrogate Summary

SW-846

SDG No.: BP110424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164462BS	PB164462BS	BP022843.D	Pyridine-d5	40	20.04	50		20	120
			Phenol-d5	40	22.15	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.28	51		10	150
			2-Chlorophenol-d4	40	23.45	59		15	120
			4-Methylphenol-d8	40	23.17	58		10	140
			Nitrobenzene-d5	40	22.39	56		10	135
			2-Nitrophenol-d4	40	23.99	60		10	120
			2,4-Dichlorophenol-d3	40	24.69	62		10	140
			4-Chloroaniline-d4	40	20.27	51		1	145
			Dimethylphthalate-d6	40	22.24	56		10	145
			Acenaphthylene-d8	40	22.77	57		15	120
			4-Nitrophenol-d4	40	20.32	51		10	150
			Fluorene-d10	40	22.81	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.72	52		10	130
			Anthracene-d10	40	22.89	57		10	150
			Pyrene-d10	40	23.12	58		10	130
			Benzo(a)pyrene-d12	40	23.44	59		10	140

Surrogate Summary

SW-846

SDG No.: BP110424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4581-04	A4ED0	BP022835.D	1,4-Dioxane-d8	8	0.93	12	*	15	120
			Pyridine-d5	40	1.03	3	*	20	120
			Phenol-d5	40	5.31	13		10	130
			Bis(2-Chloroethyl)ether-d8	40	6.27	16		10	150
			2-Chlorophenol-d4	40	6.24	16		15	120
			4-Methylphenol-d8	40	3.18	8	*	10	140
			Nitrobenzene-d5	40	6.41	16		10	135
			2-Nitrophenol-d4	40	6.64	17		10	120
			2,4-Dichlorophenol-d3	40	5.79	14		10	140
			4-Chloroaniline-d4	40	3.07	8		1	145
			Dimethylphthalate-d6	40	7.25	18		10	145
			Acenaphthylene-d8	40	6.50	16		15	120
			4-Nitrophenol-d4	40	3.98	10		10	150
			Fluorene-d10	40	7.23	18	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.49	9	*	10	130
			Anthracene-d10	40	6.95	17		10	150
			Pyrene-d10	40	5.41	14		10	130
			Benzo(a)pyrene-d12	40	3.59	9	*	10	140
P4581-08	A4EA8	BP022836.D	1,4-Dioxane-d8	8	2.60	32		15	120
			Pyridine-d5	40	13.32	33		20	120
			Phenol-d5	40	16.46	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.42	39		10	150
			2-Chlorophenol-d4	40	17.43	44		15	120
			4-Methylphenol-d8	40	17.45	44		10	140
			Nitrobenzene-d5	40	17.61	44		10	135
			2-Nitrophenol-d4	40	17.75	44		10	120
			2,4-Dichlorophenol-d3	40	17.38	43		10	140
			4-Chloroaniline-d4	40	16.42	41		1	145
			Dimethylphthalate-d6	40	18.24	46		10	145
			Acenaphthylene-d8	40	18.03	45		15	120
			4-Nitrophenol-d4	40	11.62	29		10	150
			Fluorene-d10	40	18.43	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.31	26		10	130
			Anthracene-d10	40	17.81	45		10	150
			Pyrene-d10	40	19.83	50		10	130
			Benzo(a)pyrene-d12	40	18.98	47		10	140
P4581-12	A4EC7	BP022837.D	1,4-Dioxane-d8	8	1.11	14	*	15	120
			Pyridine-d5	40	1.13	3	*	20	120
			Phenol-d5	40	6.17	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	6.62	17		10	150
			2-Chlorophenol-d4	40	6.89	17		15	120
			4-Methylphenol-d8	40	4.81	12		10	140
			Nitrobenzene-d5	40	7.04	18		10	135
			2-Nitrophenol-d4	40	6.84	17		10	120
			2,4-Dichlorophenol-d3	40	6.40	16		10	140
			4-Chloroaniline-d4	40	3.94	10		1	145
			Dimethylphthalate-d6	40	7.53	19		10	145
			Acenaphthylene-d8	40	7.10	18		15	120
			4-Nitrophenol-d4	40	4.55	11		10	150

Surrogate Summary

SW-846

SDG No.: BP110424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4581-12	A4EC7	BP022837.D	Fluorene-d10	40	7.71	19	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.79	9	*	10	130
			Anthracene-d10	40	7.32	18		10	150
			Pyrene-d10	40	5.21	13		10	130
			Benzo(a)pyrene-d12	40	3.26	8	*	10	140
P4581-20	A4EB1	BP022842.D	1,4-Dioxane-d8	8	1.06	13	*	15	120
			Pyridine-d5	40	0.88	2	*	20	120
			Phenol-d5	40	5.33	13		10	130
			Bis(2-Chloroethyl)ether-d8	40	5.91	15		10	150
			2-Chlorophenol-d4	40	6.23	16		15	120
			4-Methylphenol-d8	40	3.61	9	*	10	140
			Nitrobenzene-d5	40	6.62	17		10	135
			2-Nitrophenol-d4	40	6.39	16		10	120
			2,4-Dichlorophenol-d3	40	5.96	15		10	140
			4-Chloroaniline-d4	40	3.54	9		1	145
			Dimethylphthalate-d6	40	6.91	17		10	145
			Acenaphthylene-d8	40	6.35	16		15	120
			4-Nitrophenol-d4	40	3.91	10		10	150
			Fluorene-d10	40	7.28	18	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.16	8	*	10	130
			Anthracene-d10	40	6.88	17		10	150
			Pyrene-d10	40	4.71	12		10	130
			Benzo(a)pyrene-d12	40	2.84	7	*	10	140
P4581-21	A4EB2	BP022840.D	1,4-Dioxane-d8	8	1.13	14	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	6.08	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	7.02	18		10	150
			2-Chlorophenol-d4	40	7.23	18		15	120
			4-Methylphenol-d8	40	4.83	12		10	140
			Nitrobenzene-d5	40	7.06	18		10	135
			2-Nitrophenol-d4	40	7.23	18		10	120
			2,4-Dichlorophenol-d3	40	6.86	17		10	140
			4-Chloroaniline-d4	40	3.61	9		1	145
			Dimethylphthalate-d6	40	8.15	20		10	145
			Acenaphthylene-d8	40	7.30	18		15	120
			4-Nitrophenol-d4	40	4.15	10		10	150
			Fluorene-d10	40	8.18	20		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.39	11		10	130
			Anthracene-d10	40	7.59	19		10	150
			Pyrene-d10	40	5.93	15		10	130
			Benzo(a)pyrene-d12	40	3.26	8	*	10	140
P4581-22	A4EB4	BP022841.D	1,4-Dioxane-d8	8	0.90	11	*	15	120
			Pyridine-d5	40	1.27	3	*	20	120
			Phenol-d5	40	5.49	14		10	130
			Bis(2-Chloroethyl)ether-d8	40	5.81	15		10	150
			2-Chlorophenol-d4	40	6.37	16		15	120
			4-Methylphenol-d8	40	4.25	11		10	140
			Nitrobenzene-d5	40	6.16	15		10	135
			2-Nitrophenol-d4	40	6.02	15		10	120

Surrogate Summary

SW-846

SDG No.: BP110424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4581-22	A4EB4	BP022841.D	2,4-Dichlorophenol-d3	40	6.07	15		10	140
			4-Chloroaniline-d4	40	4.17	10		1	145
			Dimethylphthalate-d6	40	6.68	17		10	145
			Acenaphthylene-d8	40	6.29	16		15	120
			4-Nitrophenol-d4	40	3.76	9	*	10	150
			Fluorene-d10	40	7.02	18	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.05	8	*	10	130
			Anthracene-d10	40	6.61	17		10	150
			Pyrene-d10	40	4.84	12		10	130
			Benzo(a)pyrene-d12	40	2.88	7	*	10	140
PB164553BL	PB164553BL	BP022845.D	1,4-Dioxane-d8	8	3.70	46		15	120
			Pyridine-d5	40	19.79	49		20	120
			Phenol-d5	40	21.31	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.90	52		10	150
			2-Chlorophenol-d4	40	22.88	57		15	120
			4-Methylphenol-d8	40	22.31	56		10	140
			Nitrobenzene-d5	40	23.07	58		10	135
			2-Nitrophenol-d4	40	24.01	60		10	120
			2,4-Dichlorophenol-d3	40	22.75	57		10	140
			4-Chloroaniline-d4	40	22.03	55		1	145
			Dimethylphthalate-d6	40	22.79	57		10	145
			Acenaphthylene-d8	40	22.91	57		15	120
			4-Nitrophenol-d4	40	16.40	41		10	150
			Fluorene-d10	40	23.30	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.53	39		10	130
			Anthracene-d10	40	23.81	60		10	150
			Pyrene-d10	40	24.48	61		10	130
			Benzo(a)pyrene-d12	40	24.36	61		10	140
PB164553BS	PB164553BS	BP022838.D	1,4-Dioxane-d8	8	3.99	50		15	120
			Pyridine-d5	40	23.17	58		20	120
			Phenol-d5	40	25.35	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.04	58		10	150
			2-Chlorophenol-d4	40	26.51	66		15	120
			4-Methylphenol-d8	40	25.43	64		10	140
			Nitrobenzene-d5	40	25.96	65		10	135
			2-Nitrophenol-d4	40	26.32	66		10	120
			2,4-Dichlorophenol-d3	40	27.86	70		10	140
			4-Chloroaniline-d4	40	23.00	57		1	145
			Dimethylphthalate-d6	40	24.93	62		10	145
			Acenaphthylene-d8	40	25.00	62		15	120
			4-Nitrophenol-d4	40	22.41	56		10	150
			Fluorene-d10	40	25.17	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.00	57		10	130
			Anthracene-d10	40	26.06	65		10	150
			Pyrene-d10	40	26.78	67		10	130
			Benzo(a)pyrene-d12	40	26.80	67		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP110424

Lab Code: CHEM

SAS No.: BP110424 SDG NO.: BP110424

Lab File ID: BP022820.D

DFTPP Injection Date: 11/04/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:35

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.9
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	31
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	36.5
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	34.3
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	12.7
442	Greater than 50% of mass 198	84.8
443	15.0 - 24.0% of mass 442	16.4 (19.4) 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
SSTD020697	SSTDCCC020	BP022821.D	11/04/2024	10:16
SBLK462	PB164462BL	BP022822.D	11/04/2024	10:56
A4EA4	P4568-02	BP022823.D	11/04/2024	12:17
A4EF6	P4568-06	BP022824.D	11/04/2024	12:57
A4EF8	P4568-07	BP022825.D	11/04/2024	13:38
A4EF9	P4568-08	BP022826.D	11/04/2024	14:18
A4EA4DL	P4568-02DL	BP022827.D	11/04/2024	14:58
A4EG0	P4568-09	BP022828.D	11/04/2024	15:39
SSTD020698	SSTDCCC020	BP022829.D	11/04/2024	16:19
SBLK462	PB164462BL	BP022830.D	11/04/2024	17:00
A4EA4	P4568-02	BP022831.D	11/04/2024	17:40
A4EA4DL	P4568-02DL	BP022832.D	11/04/2024	18:21
A4EF6	P4568-06	BP022833.D	11/04/2024	19:01
A4EE6	P4568-16	BP022834.D	11/04/2024	19:42
A4ED0	P4581-04	BP022835.D	11/04/2024	20:22
A4EA8	P4581-08	BP022836.D	11/04/2024	21:03
A4EC7	P4581-12	BP022837.D	11/04/2024	21:43
SLCS553	PB164553BS	BP022838.D	11/04/2024	22:24

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP110424

Lab Code: CHEM

SAS No.: BP110424 SDG NO.: BP110424

Lab File ID: BP022820.D

DFTPP Injection Date: 11/04/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:35

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.9
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	31
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	36.5
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	34.3
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	12.7
442	Greater than 50% of mass 198	84.8
443	15.0 - 24.0% of mass 442	16.4 (19.4) 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
A4EE5	P4568-15	BP022839.D	11/04/2024	23:04
A4EB2	P4581-21	BP022840.D	11/04/2024	23:45
A4EB4	P4581-22	BP022841.D	11/05/2024	00:25
A4EB1	P4581-20	BP022842.D	11/05/2024	01:06
SLCS462	PB164462BS	BP022843.D	11/05/2024	01:46
SSTD020699	SSTDCCC020	BP022844.D	11/05/2024	03:07
SBLK553	PB164553BL	BP022845.D	11/05/2024	03:48
A4EF5	P4568-03	BP022846.D	11/05/2024	04:28
A4EF5MS	P4568-04MS	BP022847.D	11/05/2024	05:09
A4EF5MSD	P4568-05MSD	BP022848.D	11/05/2024	05:49
A4EE4	P4568-14	BP022849.D	11/05/2024	06:30
A4EF2	P4568-18	BP022850.D	11/05/2024	07:10
A4EF4	P4568-20	BP022851.D	11/05/2024	07:51