

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP062724 SAS No.: BP062724 SDG No.: BP062724

Instrument ID: BNA_P Calibration Date/Time: 6/27/2024 1:10:47

Lab File ID: BP020656.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020660 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.521	0.428	0.010	-17.9741	40.0
Benzaldehyde	0.830	0.929	0.010	12.0345	40.0
Pyridine	1.406	1.227	0.010	-12.7262	40.0
Phenol	1.673	1.492	0.080	-10.792	20.0
Bis(2-Chloroethyl) ether	1.385	1.236	0.100	-10.7476	20.0
2-Chlorophenol	1.348	1.233	0.200	-8.5483	20.0
2-Methylphenol	1.283	1.169	0.010	-8.9078	20.0
2,2-oxybis(1-Chloropropane)	2.105	1.812	0.010	-13.8835	40.0
Acetophenone	2.128	1.938	0.060	-8.8994	20.0
4-Methylphenol	1.359	1.246	0.010	-8.314	20.0
N-Nitroso-di-n-propylamine	1.131	0.989	0.050	-12.5627	30.0
Hexachloroethane	0.585	0.531	0.100	-9.2082	20.0
Nitrobenzene	0.383	0.355	0.050	-7.3746	25.0
Isophorone	0.758	0.694	0.050	-8.5622	25.0
2-Nitrophenol	0.160	0.166	0.050	4.0224	25.0
2,4-Dimethylphenol	0.372	0.351	0.050	-5.6908	25.0
Bis(2-Chloroethoxy) methane	0.451	0.401	0.050	-11.0824	20.0
2,4-Dichlorophenol	0.301	0.295	0.060	-2.1748	20.0
Naphthalene	1.070	0.991	0.200	-7.462	20.0
4-Chloroaniline	0.411	0.392	0.010	-4.6335	40.0
Hexachlorobutadiene	0.225	0.217	0.040	-3.5872	30.0
Caprolactam	0.092	0.094	0.010	3.0551	40.0
4-Chloro-3-methylphenol	0.333	0.320	0.040	-3.7848	25.0
1-Methylnaphthalene	0.733	0.700	0.100	-4.5444	20.0
2-Methylnaphthalene	0.717	0.667	0.100	-6.9688	20.0
Hexachlorocyclopentadiene	0.398	0.364	0.010	-8.4281	40.0
2,4,6-Trichlorophenol	0.381	0.373	0.090	-2.1945	25.0
2,4,5-Trichlorophenol	0.396	0.394	0.100	-0.5162	25.0
1,1-Biphenyl	1.496	1.328	0.200	-11.1915	20.0
2-Chloronaphthalene	1.178	1.094	0.300	-7.1563	20.0
2-Nitroaniline	0.297	0.308	0.050	3.6908	40.0
Dimethylphthalate	1.417	1.357	0.300	-4.1858	20.0
2,6-Dinitrotoluene	0.253	0.273	0.080	8.0652	30.0
Acenaphthylene	1.874	1.741	0.400	-7.1295	20.0
3-Nitroaniline	0.235	0.264	0.010	12.4448	40.0
Acenaphthene	1.243	1.161	0.200	-6.6491	20.0
2,4-Dinitrophenol	0.131	0.131	0.010	-0.1446	40.0
4-Nitrophenol	0.190	0.191	0.010	0.3841	40.0
Dibenzofuran	1.675	1.580	0.300	-5.6814	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP062724 SAS No.: BP062724 SDG No.: BP062724

Instrument ID: BNA_P Calibration Date/Time: 6/27/2024 1:10:47

Lab File ID: BP020656.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020660 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.349	0.391	0.070	12.0793	30.0
Diethylphthalate	1.397	1.392	0.300	-0.3772	20.0
Fluorene	1.346	1.290	0.200	-4.1964	20.0
4-Chlorophenyl-phenylether	0.702	0.679	0.100	-3.3192	20.0
4-Nitroaniline	0.223	0.260	0.010	16.4868	40.0
4,6-Dinitro-2-methylphenol	0.108	0.111	0.010	2.8121	40.0
N-Nitrosodiphenylamine	0.590	0.528	0.050	-10.4284	20.0
1,2,4,5-Tetrachlorobenzene	0.639	0.587	0.100	-8.1923	20.0
4-Bromophenyl-phenylether	0.223	0.205	0.070	-8.097	20.0
Hexachlorobenzene	0.250	0.234	0.050	-6.1382	25.0
Atrazine	0.208	0.205	0.010	-1.4384	25.0
Pentachlorophenol	0.144	0.142	0.010	-1.0475	40.0
Phenanthrene	1.047	0.976	0.200	-6.7713	20.0
Pentachlorobenzene	0.309	0.276	0.050	-10.8694	20.0
Anthracene	1.077	1.001	0.200	-7.1038	20.0
1,2,3,4-Tetrachlorobenzene	0.325	0.273	0.050	-15.8718	20.0
Carbazole	0.889	0.869	0.050	-2.2965	40.0
Di-n-butylphthalate	1.155	1.129	0.500	-2.2158	25.0
Fluoranthene	1.468	1.423	0.400	-3.0602	25.0
Pyrene	1.505	1.431	0.400	-4.9465	25.0
Butylbenzylphthalate	0.559	0.596	0.100	6.6489	40.0
3,3-Dichlorobenzidine	0.442	0.414	0.010	-6.4419	40.0
Benzo (a) anthracene	1.402	1.292	0.300	-7.8046	30.0
Chrysene	1.325	1.216	0.200	-8.2488	30.0
Bis (2-ethylhexyl) phthalate	0.868	0.837	0.200	-3.5922	40.0
Di-n-octyl phthalate	1.284	1.367	0.010	6.4959	40.0
Benzo (b) fluoranthene	1.212	1.162	0.200	-4.0963	25.0
Benzo (k) fluoranthene	1.226	1.172	0.200	-4.359	25.0
Benzo (a) pyrene	1.144	1.069	0.200	-6.4959	20.0
Indeno (1,2,3-cd) pyrene	1.467	1.283	0.200	-12.5278	25.0
Dibenzo (a,h) anthracene	1.206	1.072	0.200	-11.0706	30.0
Benzo (g,h,i) perylene	1.198	1.058	0.200	-11.6322	30.0
2,3,4,6-Tetrachlorophenol	0.327	0.353	0.040	8.0852	20.0
1,4-Dioxane-d8	0.466	0.419	0.010	-10.0547	25.0
Pyridine-d5	1.357	1.197	0.010	-11.7849	40.0
Phenol-d5	1.640	1.480	0.010	-9.7828	25.0
Bis- (2-Chloroethyl) ether-d8	1.040	0.913	0.050	-12.1883	25.0
2-Chlorophenol-d4	1.341	1.236	0.200	-7.8304	20.0
4-Methylphenol-d8	1.332	1.237	0.010	-7.148	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP062724 SAS No.: BP062724 SDG No.: BP062724

Instrument ID: BNA_P Calibration Date/Time: 6/27/2024 1:10:47

Lab File ID: BP020656.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020660 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.148	0.145	0.050	-1.981	20.0
2-Nitrophenol-d4	0.148	0.156	0.050	5.6343	30.0
2,4-Dichlorophenol-d3	0.304	0.299	0.060	-1.7296	20.0
4-Chloroaniline-d4	0.427	0.416	0.010	-2.4485	40.0
Dimethylphthalate-d6	1.391	1.368	0.300	-1.6233	20.0
Acenaphthylene-d8	1.659	1.554	0.400	-6.3447	20.0
4-Nitrophenol-d4	0.212	0.219	0.010	3.0191	40.0
Fluorene-d10	1.170	1.145	0.100	-2.1657	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.102	0.010	1.2226	40.0
Anthracene-d10	0.898	0.844	0.300	-5.982	20.0
Pyrene-d10	1.202	1.180	0.300	-1.7498	25.0
Benzo(a)pyrene-d12	0.973	0.927	0.010	-4.6924	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.: BP062724 SAS No.: BP062724 SDG No.: BP062724

Instrument ID: BNA_P Calibration Date/Time: 6/27/2024 1: 20:57

Lab File ID: BP020669.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020661 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.521	0.440	0.010	-15.5949	40.0
Benzaldehyde	0.830	0.946	0.010	14.0759	40.0
Pyridine	1.406	1.240	0.010	-11.8071	40.0
Phenol	1.673	1.561	0.080	-6.6754	20.0
Bis(2-Chloroethyl)ether	1.385	1.294	0.100	-6.5482	20.0
2-Chlorophenol	1.348	1.286	0.200	-4.548	20.0
2-Methylphenol	1.283	1.208	0.010	-5.8512	20.0
2,2-oxybis(1-Chloropropane)	2.105	1.857	0.010	-11.7788	40.0
Acetophenone	2.128	1.990	0.060	-6.4585	20.0
4-Methylphenol	1.359	1.287	0.010	-5.2877	20.0
N-Nitroso-di-n-propylamine	1.131	0.994	0.050	-12.088	30.0
Hexachloroethane	0.585	0.555	0.100	-5.1856	20.0
Nitrobenzene	0.383	0.367	0.050	-4.0504	25.0
Isophorone	0.758	0.677	0.050	-10.7532	25.0
2-Nitrophenol	0.160	0.179	0.050	12.4661	25.0
2,4-Dimethylphenol	0.372	0.345	0.050	-7.0907	25.0
Bis(2-Chloroethoxy)methane	0.451	0.414	0.050	-8.3158	20.0
2,4-Dichlorophenol	0.301	0.302	0.060	0.3503	20.0
Naphthalene	1.070	1.006	0.200	-6.0571	20.0
4-Chloroaniline	0.411	0.392	0.010	-4.634	40.0
Hexachlorobutadiene	0.225	0.222	0.040	-1.5036	30.0
Caprolactam	0.092	0.091	0.010	-0.5629	40.0
4-Chloro-3-methylphenol	0.333	0.326	0.040	-1.8636	25.0
1-Methylnaphthalene	0.733	0.699	0.100	-4.6691	20.0
2-Methylnaphthalene	0.717	0.678	0.100	-5.4688	20.0
Hexachlorocyclopentadiene	0.398	0.354	0.010	-11.1677	40.0
2,4,6-Trichlorophenol	0.381	0.391	0.090	2.5277	25.0
2,4,5-Trichlorophenol	0.396	0.411	0.100	3.7666	25.0
1,1-Biphenyl	1.496	1.410	0.200	-5.7307	20.0
2-Chloronaphthalene	1.178	1.119	0.300	-5.0193	20.0
2-Nitroaniline	0.297	0.312	0.050	5.1688	40.0
Dimethylphthalate	1.417	1.404	0.300	-0.8512	20.0
2,6-Dinitrotoluene	0.253	0.279	0.080	10.5565	30.0
Acenaphthylene	1.874	1.762	0.400	-5.9838	20.0
3-Nitroaniline	0.235	0.261	0.010	10.9958	40.0
Acenaphthene	1.243	1.173	0.200	-5.6725	20.0
2,4-Dinitrophenol	0.131	0.127	0.010	-3.0458	40.0
4-Nitrophenol	0.190	0.181	0.010	-4.8039	40.0
Dibenzofuran	1.675	1.590	0.300	-5.09	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP062724 SAS No.: BP062724 SDG No.: BP062724

Instrument ID: BNA_P Calibration Date/Time: 6/27/2024 1: 20:57

Lab File ID: BP020669.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020661 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.349	0.391	0.070	12.0573	30.0
Diethylphthalate	1.397	1.374	0.300	-1.6597	20.0
Fluorene	1.346	1.283	0.200	-4.6573	20.0
4-Chlorophenyl-phenylether	0.702	0.681	0.100	-3.1231	20.0
4-Nitroaniline	0.223	0.254	0.010	13.8818	40.0
4,6-Dinitro-2-methylphenol	0.108	0.114	0.010	5.9299	40.0
N-Nitrosodiphenylamine	0.590	0.583	0.050	-1.0909	20.0
1,2,4,5-Tetrachlorobenzene	0.639	0.627	0.100	-1.9556	20.0
4-Bromophenyl-phenylether	0.223	0.226	0.070	1.0991	20.0
Hexachlorobenzene	0.250	0.251	0.050	0.5189	25.0
Atrazine	0.208	0.214	0.010	2.7666	25.0
Pentachlorophenol	0.144	0.146	0.010	1.3002	40.0
Phenanthrene	1.047	1.008	0.200	-3.7543	20.0
Pentachlorobenzene	0.309	0.310	0.050	0.3151	20.0
Anthracene	1.077	1.034	0.200	-3.9914	20.0
1,2,3,4-Tetrachlorobenzene	0.325	0.319	0.050	-1.8012	20.0
Carbazole	0.889	0.861	0.050	-3.203	40.0
Di-n-butylphthalate	1.155	1.175	0.500	1.732	25.0
Fluoranthene	1.468	1.468	0.400	0.0358	25.0
Pyrene	1.505	1.476	0.400	-1.9144	25.0
Butylbenzylphthalate	0.559	0.612	0.100	9.4257	40.0
3,3-Dichlorobenzidine	0.442	0.410	0.010	-7.2153	40.0
Benzo (a) anthracene	1.402	1.322	0.300	-5.6844	30.0
Chrysene	1.325	1.229	0.200	-7.2228	30.0
Bis(2-ethylhexyl)phthalate	0.868	0.878	0.200	1.132	40.0
Di-n-octyl phthalate	1.284	1.141	0.010	-11.1684	40.0
Benzo (b) fluoranthene	1.212	1.119	0.200	-7.6451	25.0
Benzo (k) fluoranthene	1.226	1.117	0.200	-8.8595	25.0
Benzo (a) pyrene	1.144	1.077	0.200	-5.8373	20.0
Indeno (1,2,3-cd) pyrene	1.467	1.415	0.200	-3.5197	25.0
Dibenzo (a,h) anthracene	1.206	1.170	0.200	-2.957	30.0
Benzo (g,h,i) perylene	1.198	1.149	0.200	-4.0896	30.0
2,3,4,6-Tetrachlorophenol	0.327	0.348	0.040	6.5563	20.0
1,4-Dioxane-d8	0.466	0.419	0.010	-9.9852	25.0
Pyridine-d5	1.357	1.201	0.010	-11.5582	40.0
Phenol-d5	1.640	1.552	0.010	-5.3806	25.0
Bis- (2-Chloroethyl) ether-d8	1.040	0.936	0.050	-10.0363	25.0
2-Chlorophenol-d4	1.341	1.288	0.200	-3.9114	20.0
4-Methylphenol-d8	1.332	1.269	0.010	-4.7119	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP062724 SAS No.: BP062724 SDG No.: BP062724
 Instrument ID: BNA_P Calibration Date/Time: 6/27/2024 1: 20:57
 Lab File ID: BP020669.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020661 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.148	0.151	0.050	2.1676	20.0
2-Nitrophenol-d4	0.148	0.169	0.050	14.0451	30.0
2,4-Dichlorophenol-d3	0.304	0.313	0.060	2.7721	20.0
4-Chloroaniline-d4	0.427	0.406	0.010	-4.784	40.0
Dimethylphthalate-d6	1.391	1.365	0.300	-1.869	20.0
Acenaphthylene-d8	1.659	1.581	0.400	-4.7042	20.0
4-Nitrophenol-d4	0.212	0.209	0.010	-1.7643	40.0
Fluorene-d10	1.170	1.137	0.100	-2.8044	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.107	0.010	6.4045	40.0
Anthracene-d10	0.898	0.875	0.300	-2.5703	20.0
Pyrene-d10	1.202	1.189	0.300	-1.0481	25.0
Benzo(a)pyrene-d12	0.973	0.931	0.010	-4.3513	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.: BP062724 SAS No.: BP062724 SDG No.: BP062724

Instrument ID: BNA_P Calibration Date/Time: 6/28/2024 1:07:41

Lab File ID: BP020684.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020662 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.521	0.483	0.010	-7.2588	40.0
Benzaldehyde	0.830	0.954	0.010	15.0062	40.0
Pyridine	1.406	1.328	0.010	-5.5707	40.0
Phenol	1.673	1.550	0.080	-7.3627	20.0
Bis(2-Chloroethyl) ether	1.385	1.253	0.100	-9.5156	20.0
2-Chlorophenol	1.348	1.286	0.200	-4.5557	20.0
2-Methylphenol	1.283	1.171	0.010	-8.7516	20.0
2,2-oxybis(1-Chloropropane)	2.105	1.793	0.010	-14.7998	40.0
Acetophenone	2.128	1.915	0.060	-9.9766	20.0
4-Methylphenol	1.359	1.244	0.010	-8.4008	20.0
N-Nitroso-di-n-propylamine	1.131	0.951	0.050	-15.8906	30.0
Hexachloroethane	0.585	0.567	0.100	-3.1574	20.0
Nitrobenzene	0.383	0.374	0.050	-2.2114	25.0
Isophorone	0.758	0.692	0.050	-8.7977	25.0
2-Nitrophenol	0.160	0.181	0.050	13.4253	25.0
2,4-Dimethylphenol	0.372	0.347	0.050	-6.5209	25.0
Bis(2-Chloroethoxy) methane	0.451	0.427	0.050	-5.3289	20.0
2,4-Dichlorophenol	0.301	0.305	0.060	1.1931	20.0
Naphthalene	1.070	1.031	0.200	-3.6765	20.0
4-Chloroaniline	0.411	0.389	0.010	-5.2884	40.0
Hexachlorobutadiene	0.225	0.230	0.040	2.0676	30.0
Caprolactam	0.092	0.087	0.010	-5.3124	40.0
4-Chloro-3-methylphenol	0.333	0.319	0.040	-4.2482	25.0
1-Methylnaphthalene	0.733	0.685	0.100	-6.5128	20.0
2-Methylnaphthalene	0.717	0.678	0.100	-5.4626	20.0
Hexachlorocyclopentadiene	0.398	0.356	0.010	-10.6557	40.0
2,4,6-Trichlorophenol	0.381	0.418	0.090	9.5896	25.0
2,4,5-Trichlorophenol	0.396	0.435	0.100	9.844	25.0
1,1-Biphenyl	1.496	1.502	0.200	0.4237	20.0
2-Chloronaphthalene	1.178	1.189	0.300	0.8915	20.0
2-Nitroaniline	0.297	0.324	0.050	9.2806	40.0
Dimethylphthalate	1.417	1.426	0.300	0.6582	20.0
2,6-Dinitrotoluene	0.253	0.290	0.080	14.7542	30.0
Acenaphthylene	1.874	1.854	0.400	-1.0979	20.0
3-Nitroaniline	0.235	0.275	0.010	17.2627	40.0
Acenaphthene	1.243	1.219	0.200	-1.9722	20.0
2,4-Dinitrophenol	0.131	0.123	0.010	-6.0367	40.0
4-Nitrophenol	0.190	0.177	0.010	-7.1328	40.0
Dibenzofuran	1.675	1.635	0.300	-2.4117	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP062724 SAS No.: BP062724 SDG No.: BP062724

Instrument ID: BNA_P Calibration Date/Time: 6/28/2024 1:07:41

Lab File ID: BP020684.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020662 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.349	0.382	0.070	9.5888	30.0
Diethylphthalate	1.397	1.378	0.300	-1.397	20.0
Fluorene	1.346	1.284	0.200	-4.6199	20.0
4-Chlorophenyl-phenylether	0.702	0.686	0.100	-2.355	20.0
4-Nitroaniline	0.223	0.263	0.010	18.0557	40.0
4,6-Dinitro-2-methylphenol	0.108	0.114	0.010	5.4672	40.0
N-Nitrosodiphenylamine	0.590	0.612	0.050	3.6781	20.0
1,2,4,5-Tetrachlorobenzene	0.639	0.677	0.100	5.8409	20.0
4-Bromophenyl-phenylether	0.223	0.238	0.070	6.7932	20.0
Hexachlorobenzene	0.250	0.258	0.050	3.1627	25.0
Atrazine	0.208	0.216	0.010	3.8176	25.0
Pentachlorophenol	0.144	0.151	0.010	5.085	40.0
Phenanthrene	1.047	1.015	0.200	-3.0964	20.0
Pentachlorobenzene	0.309	0.338	0.050	9.155	20.0
Anthracene	1.077	1.044	0.200	-3.0951	20.0
1,2,3,4-Tetrachlorobenzene	0.325	0.365	0.050	12.2943	20.0
Carbazole	0.889	0.881	0.050	-0.9416	40.0
Di-n-butylphthalate	1.155	1.140	0.500	-1.2833	25.0
Fluoranthene	1.468	1.306	0.400	-11.0412	25.0
Pyrene	1.505	1.312	0.400	-12.8434	25.0
Butylbenzylphthalate	0.559	0.549	0.100	-1.7871	40.0
3,3-Dichlorobenzidine	0.442	0.428	0.010	-3.1859	40.0
Benzo (a) anthracene	1.402	1.351	0.300	-3.6418	30.0
Chrysene	1.325	1.275	0.200	-3.7968	30.0
Bis(2-ethylhexyl)phthalate	0.868	0.792	0.200	-8.747	40.0
Di-n-octyl phthalate	1.284	1.150	0.010	-10.4273	40.0
Benzo (b) fluoranthene	1.212	1.138	0.200	-6.0549	25.0
Benzo (k) fluoranthene	1.226	1.169	0.200	-4.6334	25.0
Benzo (a) pyrene	1.144	1.101	0.200	-3.727	20.0
Indeno (1,2,3-cd) pyrene	1.467	1.402	0.200	-4.4191	25.0
Dibenzo (a,h) anthracene	1.206	1.152	0.200	-4.4566	30.0
Benzo (g,h,i) perylene	1.198	1.131	0.200	-5.6122	30.0
2,3,4,6-Tetrachlorophenol	0.327	0.345	0.040	5.5664	20.0
1,4-Dioxane-d8	0.466	0.435	0.010	-6.5767	25.0
Pyridine-d5	1.357	1.292	0.010	-4.8338	40.0
Phenol-d5	1.640	1.540	0.010	-6.0957	25.0
Bis- (2-Chloroethyl) ether-d8	1.040	0.923	0.050	-11.2905	25.0
2-Chlorophenol-d4	1.341	1.310	0.200	-2.2606	20.0
4-Methylphenol-d8	1.332	1.234	0.010	-7.4008	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP062724 SAS No.: BP062724 SDG No.: BP062724
Instrument ID: BNA_P Calibration Date/Time: 6/28/2024 1:07:41
Lab File ID: BP020684.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020662 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.148	0.158	0.050	6.854	20.0
2-Nitrophenol-d4	0.148	0.175	0.050	18.2133	30.0
2,4-Dichlorophenol-d3	0.304	0.314	0.060	3.2631	20.0
4-Chloroaniline-d4	0.427	0.409	0.010	-4.2031	40.0
Dimethylphthalate-d6	1.391	1.423	0.300	2.3656	20.0
Acenaphthylene-d8	1.659	1.670	0.400	0.6629	20.0
4-Nitrophenol-d4	0.212	0.212	0.010	-0.0451	40.0
Fluorene-d10	1.170	1.150	0.100	-1.6934	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.106	0.010	5.4887	40.0
Anthracene-d10	0.898	0.885	0.300	-1.3783	20.0
Pyrene-d10	1.202	1.068	0.300	-11.1006	25.0
Benzo(a)pyrene-d12	0.973	0.956	0.010	-1.7012	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	SBLK614	SDG No.:	BP062724
Lab Sample ID:	PB161614BL	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
BP020657.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

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:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	SBLK614	SDG No.:	BP062724
Lab Sample ID:	PB161614BL	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
BP020657.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

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:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	SBLK614	SDG No.:	BP062724
Lab Sample ID:	PB161614BL	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
BP020657.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.447		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	26.54		20-120		66	SPK: -40
4165-62-2	Phenol-d5	27.834		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.9		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.883		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	28.505		10-140		71	SPK: -40
4165-60-0	Nitrobenzene-d5	30.326		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.7		10-120		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.613		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.563		1-145		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.703		10-145		79	SPK: -40
93951-97-4	Acenaphthylene-d8	28.802		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.747		10-150		79	SPK: -40
81103-79-9	Fluorene-d10	31.208		20-140		78	SPK: -40

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	SBLK614	SDG No.:	BP062724
Lab Sample ID:	PB161614BL	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
BP020657.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.126		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	29.847		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	30.112		10-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.945		10-140		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	231358	7.752				
1146-65-2	Naphthalene-d8	966444	10.522				
15067-26-2	Acenaphthene-d10	645153	14.375				
1517-22-2	Phenanthrene-d10	1398681	17.186				
1719-03-5	Chrysene-d12	1261879	21.639				
1520-96-3	Perylene-d12	1178234	24.992				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	A4B75	SDG No.:	BP062724
Lab Sample ID:	P2909-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51
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
BP020658.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	22	U	22	13.4	140	ug/Kg
100-52-7	Benzaldehyde	92	U	92	170	670	ug/Kg
110-86-1	Pyridine	67	U	67	340	670	ug/Kg
108-95-2	Phenol	87	U	87	170	670	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	81	U	81	170	670	ug/Kg
95-57-8	2-Chlorophenol	47	U	47	86.4	350	ug/Kg
95-48-7	2-Methylphenol	79	U	79	170	670	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	670	ug/Kg
98-86-2	Acetophenone	81	U	81	170	670	ug/Kg
106-44-5	4-Methylphenol	75	U	75	170	670	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	86.4	350	ug/Kg
67-72-1	Hexachloroethane	37	U	37	86.4	350	ug/Kg
98-95-3	Nitrobenzene	63	U	63	86.4	350	ug/Kg
78-59-1	Isophorone	98	U	98	86.4	350	ug/Kg
88-75-5	2-Nitrophenol	63	U	63	86.4	350	ug/Kg
105-67-9	2,4-Dimethylphenol	51	U	51	86.4	350	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	87	U	87	86.4	350	ug/Kg
120-83-2	2,4-Dichlorophenol	33	U	33	86.4	350	ug/Kg
91-20-3	Naphthalene	51	U	51	86.4	350	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	86.4	670	ug/Kg
87-68-3	Hexachlorobutadiene	89	U	89	86.4	350	ug/Kg
105-60-2	Caprolactam	150	U	150	170	670	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	86.4	350	ug/Kg
90-12-0	1-Methylnaphthalene	67	U	67	86.4	350	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	86.4	350	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	170	670	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	86.4	350	ug/Kg
95-95-4	2,4,5-Trichlorophenol	79	U	79	86.4	350	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	A4B75	SDG No.:	BP062724
Lab Sample ID:	P2909-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51
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
BP020658.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	49	U	49	86.4	350	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	86.4	350	ug/Kg
88-74-4	2-Nitroaniline	83	U	83	86.4	350	ug/Kg
131-11-3	Dimethylphthalate	59	U	59	86.4	350	ug/Kg
606-20-2	2,6-Dinitrotoluene	89	U	89	86.4	350	ug/Kg
208-96-8	Acenaphthylene	65	U	65	86.4	350	ug/Kg
99-09-2	3-Nitroaniline	89	U	89	170	670	ug/Kg
83-32-9	Acenaphthene	59	U	59	86.4	350	ug/Kg
51-28-5	2,4-Dinitrophenol	98	U	98	170	670	ug/Kg
100-02-7	4-Nitrophenol	89	U	89	170	670	ug/Kg
132-64-9	Dibenzofuran	65	U	65	86.4	350	ug/Kg
121-14-2	2,4-Dinitrotoluene	87	U	87	86.4	350	ug/Kg
84-66-2	Diethylphthalate	61	U	61	86.4	350	ug/Kg
86-73-7	Fluorene	51	U	51	86.4	350	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	41	U	41	86.4	350	ug/Kg
100-01-6	4-Nitroaniline	63	U	63	170	670	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	170	670	ug/Kg
86-30-6	N-Nitrosodiphenylamine	67	U	67	86.4	350	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	49	U	49	86.4	350	ug/Kg
101-55-3	4-Bromophenyl-phenylether	59	U	59	86.4	350	ug/Kg
118-74-1	Hexachlorobenzene	65	U	65	86.4	350	ug/Kg
1912-24-9	Atrazine	140	U	140	170	670	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	170	670	ug/Kg
85-01-8	Phenanthrene	360		59	86.4	350	ug/Kg
608-93-5	Pentachlorobenzene	110	U	110	86.4	350	ug/Kg
120-12-7	Anthracene	76	J	51	86.4	350	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	100	U	100	86.4	350	ug/Kg
86-74-8	Carbazole	57	U	57	170	670	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	86.4	350	ug/Kg
206-44-0	Fluoranthene	520		110	170	350	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	A4B75	SDG No.:	BP062724
Lab Sample ID:	P2909-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51
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
BP020658.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	370		100	86.4	350	ug/Kg
85-68-7	Butylbenzylphthalate	170	U	170	86.4	350	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98	U	98	170	670	ug/Kg
56-55-3	Benzo(a)anthracene	240	J	55	86.4	350	ug/Kg
218-01-9	Chrysene	310	J	63	86.4	350	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	200	U	200	86.4	350	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	170	670	ug/Kg
205-99-2	Benzo(b)fluoranthene	350		67	86.4	350	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	J	77	86.4	350	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	65	86.4	350	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	63	86.4	350	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	57	U	57	86.4	350	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53	U	53	86.4	350	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	67	U	67	86.4	350	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.613		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	3.273	*	20-120		8	SPK: -40
4165-62-2	Phenol-d5	18.85		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.352		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.827		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	14.765		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	23.961		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.227		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.293		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.735		1-145		17	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.409		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	21.69		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.923		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	22.862		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	A4B75	SDG No.:	BP062724
Lab Sample ID:	P2909-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51
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
BP020658.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.747		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	23.394		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	18.914		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.158		10-140		40	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	251771	7.746				
1146-65-2	Naphthalene-d8	952178	10.51				
15067-26-2	Acenaphthene-d10	546649	14.369				
1517-22-2	Phenanthrene-d10	909142	17.175				
1719-03-5	Chrysene-d12	798327	21.639				
1520-96-3	Perylene-d12	1002947	25.015				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2500	J			3.016	
	unknown-01	290	J			4.905	
000057-10-3	n-Hexadecanoic acid	500	J			18.122	
000057-11-4	Octadecanoic acid	300	J			19.457	
1000351-74-9	Octacosyl trifluoroacetate	450	J			21.316	
001454-84-8	n-Nonadecanol-1	590	J			22.568	
	(DEL) Alkane: Straight-Chain24.162	820	J			24.162	
007390-81-0	Oxirane, hexadecyl-	880	J			25.745	
	(DEL) Alkane: Straight-Chain26.404	560	J			26.404	
E966796	Total Alkanes	1400				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B41	SDG No.:	BP062724
Lab Sample ID:	P2909-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.6
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
BP020659.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	16.3	170	ug/Kg
100-52-7	Benzaldehyde	110	U	110	200	820	ug/Kg
110-86-1	Pyridine	82	U	82	410	820	ug/Kg
108-95-2	Phenol	110	U	110	200	820	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	99	U	99	200	820	ug/Kg
95-57-8	2-Chlorophenol	57	U	57	110	420	ug/Kg
95-48-7	2-Methylphenol	97	U	97	200	820	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	150	200	820	ug/Kg
98-86-2	Acetophenone	99	U	99	200	820	ug/Kg
106-44-5	4-Methylphenol	92	U	92	200	820	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	130	U	130	110	420	ug/Kg
67-72-1	Hexachloroethane	45	U	45	110	420	ug/Kg
98-95-3	Nitrobenzene	77	U	77	110	420	ug/Kg
78-59-1	Isophorone	120	U	120	110	420	ug/Kg
88-75-5	2-Nitrophenol	77	U	77	110	420	ug/Kg
105-67-9	2,4-Dimethylphenol	62	U	62	110	420	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	110	U	110	110	420	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	110	420	ug/Kg
91-20-3	Naphthalene	62	U	62	110	420	ug/Kg
106-47-8	4-Chloroaniline	59	U	59	110	820	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	110	420	ug/Kg
105-60-2	Caprolactam	180	U	180	200	820	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	110	420	ug/Kg
90-12-0	1-Methylnaphthalene	82	U	82	110	420	ug/Kg
91-57-6	2-Methylnaphthalene	57	U	57	110	420	ug/Kg
77-47-4	Hexachlorocyclopentadiene	240	U	240	200	820	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	110	420	ug/Kg
95-95-4	2,4,5-Trichlorophenol	97	U	97	110	420	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B41	SDG No.:	BP062724
Lab Sample ID:	P2909-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.6
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
BP020659.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	59	U	59	110	420	ug/Kg
91-58-7	2-Chloronaphthalene	64	U	64	110	420	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	110	420	ug/Kg
131-11-3	Dimethylphthalate	72	U	72	110	420	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	110	420	ug/Kg
208-96-8	Acenaphthylene	79	U	79	110	420	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	200	820	ug/Kg
83-32-9	Acenaphthene	72	U	72	110	420	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	200	820	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	200	820	ug/Kg
132-64-9	Dibenzofuran	79	U	79	110	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	110	420	ug/Kg
84-66-2	Diethylphthalate	74	U	74	110	420	ug/Kg
86-73-7	Fluorene	62	U	62	110	420	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	50	U	50	110	420	ug/Kg
100-01-6	4-Nitroaniline	77	U	77	200	820	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	190	U	190	200	820	ug/Kg
86-30-6	N-Nitrosodiphenylamine	82	U	82	110	420	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	110	420	ug/Kg
101-55-3	4-Bromophenyl-phenylether	72	U	72	110	420	ug/Kg
118-74-1	Hexachlorobenzene	79	U	79	110	420	ug/Kg
1912-24-9	Atrazine	180	U	180	200	820	ug/Kg
87-86-5	Pentachlorophenol	180	U	180	200	820	ug/Kg
85-01-8	Phenanthrene	560		72	110	420	ug/Kg
608-93-5	Pentachlorobenzene	130	U	130	110	420	ug/Kg
120-12-7	Anthracene	110	J	62	110	420	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	120	U	120	110	420	ug/Kg
86-74-8	Carbazole	69	U	69	200	820	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	150	110	420	ug/Kg
206-44-0	Fluoranthene	990		130	200	420	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B41	SDG No.:	BP062724
Lab Sample ID:	P2909-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.6
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
BP020659.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	630		120	110	420	ug/Kg
85-68-7	Butylbenzylphthalate	210	U	210	110	420	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	200	820	ug/Kg
56-55-3	Benzo(a)anthracene	390	J	67	110	420	ug/Kg
218-01-9	Chrysene	460		77	110	420	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	240	U	240	110	420	ug/Kg
117-84-0	Di-n-octyl phthalate	190	U	190	200	820	ug/Kg
205-99-2	Benzo(b)fluoranthene	540		82	110	420	ug/Kg
207-08-9	Benzo(k)fluoranthene	200	J	94	110	420	ug/Kg
50-32-8	Benzo(a)pyrene	200	J	79	110	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	77	110	420	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	69	U	69	110	420	ug/Kg
191-24-2	Benzo(g,h,i)perylene	64	U	64	110	420	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	82	U	82	110	420	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.764		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	2.724	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	16.58		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.058		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.683		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	12.136		10-140		30	SPK: -40
4165-60-0	Nitrobenzene-d5	19.783		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.823		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.109		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.931		1-145		12	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.847		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	20.041		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.271		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	21.195		20-140		53	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B41	SDG No.:	BP062724
Lab Sample ID:	P2909-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.6
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
BP020659.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.967		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	19.04		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	18.944		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.164		10-140		33	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	254076	7.746				
1146-65-2	Naphthalene-d8	1036885	10.522				
15067-26-2	Acenaphthene-d10	658633	14.381				
1517-22-2	Phenanthrene-d10	1230400	17.192				
1719-03-5	Chrysene-d12	812260	21.645				
1520-96-3	Perylene-d12	1017573	25.033				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			3.017	
000115-18-4	3-Buten-2-ol, 2-methyl-	210	J			3.058	
010141-72-7	2H-Pyran, tetrahydro-2-methyl-	250	J			3.787	
	unknown-01	280	J			4.905	
000057-10-3	n-Hexadecanoic acid	590	J			18.133	
1000197-14-1	4b,8-Dimethyl-2-isopropylphenanthr	420	J			18.869	
000057-11-4	Octadecanoic acid	270	J			19.463	
003772-55-2	1-Phenanthrenemethanol, 1,2,3,4,4a	400	J			20.933	
079392-43-1	Octadecyl trifluoroacetate	780	J			21.316	
	(DEL) Alkane: Straight-Chain22.563	1600	J			22.563	
	(DEL) Alkane: Straight-Chain24.186	2700	J			24.186	
	(DEL) Alkane: Cyclic24.233	680	J			24.233	
077899-10-6	(Z)-14-Tricosenyl formate	970	J			25.745	
	(DEL) Alkane: Straight-Chain24.609	870	J			26.409	
072934-04-4	Nonacosanal	1100	J			28.703	
000083-47-6	.gamma.-Sitosterol	740	J			30.662	
E966796	Total Alkanes	5900				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B41	SDG No.:	BP062724
Lab Sample ID:	P2909-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.6
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
BP020659.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

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

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B42	SDG No.:	BP062724
Lab Sample ID:	P2909-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	56.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020660.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	25	U	25	15.1	150	ug/Kg
100-52-7	Benzaldehyde	100	U	100	190	750	ug/Kg
110-86-1	Pyridine	75	U	75	380	750	ug/Kg
108-95-2	Phenol	98	U	98	190	750	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	91	U	91	190	750	ug/Kg
95-57-8	2-Chlorophenol	52	U	52	96.9	390	ug/Kg
95-48-7	2-Methylphenol	89	U	89	190	750	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	190	750	ug/Kg
98-86-2	Acetophenone	91	U	91	190	750	ug/Kg
106-44-5	4-Methylphenol	84	U	84	190	750	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	120	U	120	96.9	390	ug/Kg
67-72-1	Hexachloroethane	41	U	41	96.9	390	ug/Kg
98-95-3	Nitrobenzene	71	U	71	96.9	390	ug/Kg
78-59-1	Isophorone	110	U	110	96.9	390	ug/Kg
88-75-5	2-Nitrophenol	71	U	71	96.9	390	ug/Kg
105-67-9	2,4-Dimethylphenol	57	U	57	96.9	390	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	98	U	98	96.9	390	ug/Kg
120-83-2	2,4-Dichlorophenol	36	U	36	96.9	390	ug/Kg
91-20-3	Naphthalene	57	U	57	96.9	390	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	96.9	750	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	96.9	390	ug/Kg
105-60-2	Caprolactam	160	U	160	190	750	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	96.9	390	ug/Kg
90-12-0	1-Methylnaphthalene	75	U	75	96.9	390	ug/Kg
91-57-6	2-Methylnaphthalene	52	U	52	96.9	390	ug/Kg
77-47-4	Hexachlorocyclopentadiene	220	U	220	190	750	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	96.9	390	ug/Kg
95-95-4	2,4,5-Trichlorophenol	89	U	89	96.9	390	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B42	SDG No.:	BP062724
Lab Sample ID:	P2909-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	56.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020660.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	96.9	390	ug/Kg
91-58-7	2-Chloronaphthalene	59	U	59	96.9	390	ug/Kg
88-74-4	2-Nitroaniline	94	U	94	96.9	390	ug/Kg
131-11-3	Dimethylphthalate	66	U	66	96.9	390	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	96.9	390	ug/Kg
208-96-8	Acenaphthylene	73	U	73	96.9	390	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	190	750	ug/Kg
83-32-9	Acenaphthene	66	U	66	96.9	390	ug/Kg
51-28-5	2,4-Dinitrophenol	110	U	110	190	750	ug/Kg
100-02-7	4-Nitrophenol	100	U	100	190	750	ug/Kg
132-64-9	Dibenzofuran	73	U	73	96.9	390	ug/Kg
121-14-2	2,4-Dinitrotoluene	98	U	98	96.9	390	ug/Kg
84-66-2	Diethylphthalate	68	U	68	96.9	390	ug/Kg
86-73-7	Fluorene	57	U	57	96.9	390	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	46	U	46	96.9	390	ug/Kg
100-01-6	4-Nitroaniline	71	U	71	190	750	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	180	U	180	190	750	ug/Kg
86-30-6	N-Nitrosodiphenylamine	75	U	75	96.9	390	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	96.9	390	ug/Kg
101-55-3	4-Bromophenyl-phenylether	66	U	66	96.9	390	ug/Kg
118-74-1	Hexachlorobenzene	73	U	73	96.9	390	ug/Kg
1912-24-9	Atrazine	160	U	160	190	750	ug/Kg
87-86-5	Pentachlorophenol	170	U	170	190	750	ug/Kg
85-01-8	Phenanthrene	470		66	96.9	390	ug/Kg
608-93-5	Pentachlorobenzene	120	U	120	96.9	390	ug/Kg
120-12-7	Anthracene	83	J	57	96.9	390	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	110	U	110	96.9	390	ug/Kg
86-74-8	Carbazole	64	U	64	190	750	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	96.9	390	ug/Kg
206-44-0	Fluoranthene	920		120	190	390	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B42	SDG No.:	BP062724
Lab Sample ID:	P2909-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	56.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020660.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	540		110	96.9	390	ug/Kg
85-68-7	Butylbenzylphthalate	190	U	190	96.9	390	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	190	750	ug/Kg
56-55-3	Benzo(a)anthracene	380	J	62	96.9	390	ug/Kg
218-01-9	Chrysene	430		71	96.9	390	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	220	U	220	96.9	390	ug/Kg
117-84-0	Di-n-octyl phthalate	170	U	170	190	750	ug/Kg
205-99-2	Benzo(b)fluoranthene	540		75	96.9	390	ug/Kg
207-08-9	Benzo(k)fluoranthene	220	J	87	96.9	390	ug/Kg
50-32-8	Benzo(a)pyrene	170	J	73	96.9	390	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	71	96.9	390	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	64	U	64	96.9	390	ug/Kg
191-24-2	Benzo(g,h,i)perylene	59	U	59	96.9	390	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	75	U	75	96.9	390	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.123		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	3.871	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	20.155		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.717		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.799		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	18.022		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	23.628		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.076		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.564		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.903		1-145		15	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.945		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	24.484		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.816		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	26.714		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B42	SDG No.:	BP062724
Lab Sample ID:	P2909-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	56.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020660.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.727		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	24.54		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	23.465		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.641		10-140		37	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	191874	7.74				
1146-65-2	Naphthalene-d8	765828	10.516				
15067-26-2	Acenaphthene-d10	491926	14.387				
1517-22-2	Phenanthrene-d10	942822	17.192				
1719-03-5	Chrysene-d12	632657	21.651				
1520-96-3	Perylene-d12	736530	25.009				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			3.017	
019354-27-9	Furan, tetrahydro-2-(methoxymethyl	210	J			3.064	
010141-72-7	2H-Pyran, tetrahydro-2-methyl-	180	J			3.787	
	unknown-01	290	J			4.899	
000057-10-3	n-Hexadecanoic acid	640	J			18.133	
000057-11-4	Octadecanoic acid	280	J			19.474	
	(DEL) Alkane: Straight-Chain21.327	990	J			21.327	
	(DEL) Alkane: Straight-Chain22.563	2100	J			22.563	
000124-25-4	Tetradecanal	670	J			23.668	
	(DEL) Alkane: Straight-Chain24.168	2700	J			24.168	
015594-90-8	1-Heneicosanol	970	J			24.227	
	(DEL) Alkane: Straight-Chain25.745	1800	J			25.745	
E966796	Total Alkanes	7600				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	A4B84	SDG No.:	BP062724
Lab Sample ID:	P2909-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020661.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	22	U	22	13	130	ug/Kg
100-52-7	Benzaldehyde	89	U	89	160	650	ug/Kg
110-86-1	Pyridine	65	U	65	320	650	ug/Kg
108-95-2	Phenol	85	U	85	160	650	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	79	U	79	160	650	ug/Kg
95-57-8	2-Chlorophenol	45	U	45	83.7	330	ug/Kg
95-48-7	2-Methylphenol	77	U	77	160	650	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	160	650	ug/Kg
98-86-2	Acetophenone	79	U	79	160	650	ug/Kg
106-44-5	4-Methylphenol	73	U	73	160	650	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	83.7	330	ug/Kg
67-72-1	Hexachloroethane	35	U	35	83.7	330	ug/Kg
98-95-3	Nitrobenzene	61	U	61	83.7	330	ug/Kg
78-59-1	Isophorone	94	U	94	83.7	330	ug/Kg
88-75-5	2-Nitrophenol	61	U	61	83.7	330	ug/Kg
105-67-9	2,4-Dimethylphenol	49	U	49	83.7	330	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	85	U	85	83.7	330	ug/Kg
120-83-2	2,4-Dichlorophenol	31	U	31	83.7	330	ug/Kg
91-20-3	Naphthalene	49	U	49	83.7	330	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	83.7	650	ug/Kg
87-68-3	Hexachlorobutadiene	87	U	87	83.7	330	ug/Kg
105-60-2	Caprolactam	140	U	140	160	650	ug/Kg
59-50-7	4-Chloro-3-methylphenol	96	U	96	83.7	330	ug/Kg
90-12-0	1-Methylnaphthalene	65	U	65	83.7	330	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	83.7	330	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	160	650	ug/Kg
88-06-2	2,4,6-Trichlorophenol	96	U	96	83.7	330	ug/Kg
95-95-4	2,4,5-Trichlorophenol	77	U	77	83.7	330	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	A4B84	SDG No.:	BP062724
Lab Sample ID:	P2909-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020661.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	47	U	47	83.7	330	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	83.7	330	ug/Kg
88-74-4	2-Nitroaniline	81	U	81	83.7	330	ug/Kg
131-11-3	Dimethylphthalate	57	U	57	83.7	330	ug/Kg
606-20-2	2,6-Dinitrotoluene	87	U	87	83.7	330	ug/Kg
208-96-8	Acenaphthylene	63	U	63	83.7	330	ug/Kg
99-09-2	3-Nitroaniline	87	U	87	160	650	ug/Kg
83-32-9	Acenaphthene	130	J	57	83.7	330	ug/Kg
51-28-5	2,4-Dinitrophenol	94	U	94	160	650	ug/Kg
100-02-7	4-Nitrophenol	87	U	87	160	650	ug/Kg
132-64-9	Dibenzofuran	82	J	63	83.7	330	ug/Kg
121-14-2	2,4-Dinitrotoluene	85	U	85	83.7	330	ug/Kg
84-66-2	Diethylphthalate	59	U	59	83.7	330	ug/Kg
86-73-7	Fluorene	140	J	49	83.7	330	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	39	U	39	83.7	330	ug/Kg
100-01-6	4-Nitroaniline	61	U	61	160	650	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	160	650	ug/Kg
86-30-6	N-Nitrosodiphenylamine	65	U	65	83.7	330	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	47	83.7	330	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57	U	57	83.7	330	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	83.7	330	ug/Kg
1912-24-9	Atrazine	140	U	140	160	650	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	160	650	ug/Kg
85-01-8	Phenanthrene	1600		57	83.7	330	ug/Kg
608-93-5	Pentachlorobenzene	100	U	100	83.7	330	ug/Kg
120-12-7	Anthracene	340		49	83.7	330	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	98	U	98	83.7	330	ug/Kg
86-74-8	Carbazole	160	J	55	160	650	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	83.7	330	ug/Kg
206-44-0	Fluoranthene	2200		110	160	330	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	A4B84	SDG No.:	BP062724
Lab Sample ID:	P2909-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020661.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1300		96	83.7	330	ug/Kg
85-68-7	Butylbenzylphthalate	170	U	170	83.7	330	ug/Kg
91-94-1	3,3-Dichlorobenzidine	94	U	94	160	650	ug/Kg
56-55-3	Benzo(a)anthracene	850		53	83.7	330	ug/Kg
218-01-9	Chrysene	880		61	83.7	330	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	47000	E	190	83.7	330	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	160	650	ug/Kg
205-99-2	Benzo(b)fluoranthene	990		65	83.7	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	300	J	75	83.7	330	ug/Kg
50-32-8	Benzo(a)pyrene	390		63	83.7	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	280	J	61	83.7	330	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	J	55	83.7	330	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	U	51	83.7	330	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	65	U	65	83.7	330	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.252		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	3.547	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	24.49		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.062		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.69		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	22.694		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	28.009		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.292		10-120		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.639		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.717		1-145		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.745		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	28.269		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.147		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	29.424		20-140		74	SPK: -40

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	A4B84	SDG No.:	BP062724
Lab Sample ID:	P2909-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020661.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.208		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	27.674		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	25.763		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.416		10-140		49	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	206733	7.746				
1146-65-2	Naphthalene-d8	812623	10.51				
15067-26-2	Acenaphthene-d10	484448	14.381				
1517-22-2	Phenanthrene-d10	910784	17.181				
1719-03-5	Chrysene-d12	639464	21.651				
1520-96-3	Perylene-d12	858005	25.01				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2500	J			3.017	
001569-50-2	3-Penten-2-ol	150	J			3.058	
	unknown-01	290	J			4.899	
000613-12-7	Anthracene, 2-methyl-	150	J			18.086	
000057-10-3	n-Hexadecanoic acid	580	J			18.128	
000203-64-5	4H-Cyclopenta[def]phenanthrene	360	J			18.298	
023146-22-7	Indeno[1,2-b]quinoxalin-6-one, oxi	190	J			18.922	
002381-21-7	Pyrene, 1-methyl-	140	J			20.057	
003442-78-2	Pyrene, 2-methyl-	150	J			20.222	
1000406-04-8	Pentadecafluorooctanoic acid, octa	430	J			21.322	
	unknown-02	350	J			22.704	
005085-72-3	D:A-Friedooleanan-3-ol, (3.alpha.)-	800	J			22.822	
E966796	Total Alkanes	47	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	A4B84MS	SDG No.:	BP062724
Lab Sample ID:	P2909-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.2
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
BP020662.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	770		22	13	130	ug/Kg
100-52-7	Benzaldehyde	1800		88	160	650	ug/Kg
110-86-1	Pyridine	770		65	320	650	ug/Kg
108-95-2	Phenol	2600		85	160	650	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	2400		79	160	650	ug/Kg
95-57-8	2-Chlorophenol	2600		45	83.5	330	ug/Kg
95-48-7	2-Methylphenol	2400		77	160	650	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2300		120	160	650	ug/Kg
98-86-2	Acetophenone	2600		79	160	650	ug/Kg
106-44-5	4-Methylphenol	2600		73	160	650	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2400		100	83.5	330	ug/Kg
67-72-1	Hexachloroethane	1800		35	83.5	330	ug/Kg
98-95-3	Nitrobenzene	2500		61	83.5	330	ug/Kg
78-59-1	Isophorone	2500		94	83.5	330	ug/Kg
88-75-5	2-Nitrophenol	3100		61	83.5	330	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		49	83.5	330	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	2400		85	83.5	330	ug/Kg
120-83-2	2,4-Dichlorophenol	2800		31	83.5	330	ug/Kg
91-20-3	Naphthalene	2500		49	83.5	330	ug/Kg
106-47-8	4-Chloroaniline	1700		47	83.5	650	ug/Kg
87-68-3	Hexachlorobutadiene	2600		86	83.5	330	ug/Kg
105-60-2	Caprolactam	2800		140	160	650	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2900		96	83.5	330	ug/Kg
90-12-0	1-Methylnaphthalene	2700		65	83.5	330	ug/Kg
91-57-6	2-Methylnaphthalene	2700		45	83.5	330	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1300		190	160	650	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2800		96	83.5	330	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3100		77	83.5	330	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	A4B84MS	SDG No.:	BP062724
Lab Sample ID:	P2909-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.2
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
BP020662.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	2600		47	83.5	330	ug/Kg
91-58-7	2-Chloronaphthalene	2500		51	83.5	330	ug/Kg
88-74-4	2-Nitroaniline	3300		81	83.5	330	ug/Kg
131-11-3	Dimethylphthalate	2800		57	83.5	330	ug/Kg
606-20-2	2,6-Dinitrotoluene	3300		86	83.5	330	ug/Kg
208-96-8	Acenaphthylene	2500		63	83.5	330	ug/Kg
99-09-2	3-Nitroaniline	3400		86	160	650	ug/Kg
83-32-9	Acenaphthene	2700		57	83.5	330	ug/Kg
51-28-5	2,4-Dinitrophenol	3600		94	160	650	ug/Kg
100-02-7	4-Nitrophenol	3400		86	160	650	ug/Kg
132-64-9	Dibenzofuran	2800		63	83.5	330	ug/Kg
121-14-2	2,4-Dinitrotoluene	3700		85	83.5	330	ug/Kg
84-66-2	Diethylphthalate	3000		59	83.5	330	ug/Kg
86-73-7	Fluorene	3000		49	83.5	330	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2800		39	83.5	330	ug/Kg
100-01-6	4-Nitroaniline	4000		61	160	650	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3300		150	160	650	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2600		65	83.5	330	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2500		47	83.5	330	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2700		57	83.5	330	ug/Kg
118-74-1	Hexachlorobenzene	2100		63	83.5	330	ug/Kg
1912-24-9	Atrazine	2300		140	160	650	ug/Kg
87-86-5	Pentachlorophenol	2700		150	160	650	ug/Kg
85-01-8	Phenanthrene	4400		57	83.5	330	ug/Kg
608-93-5	Pentachlorobenzene	2100		100	83.5	330	ug/Kg
120-12-7	Anthracene	3000		49	83.5	330	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2400		98	83.5	330	ug/Kg
86-74-8	Carbazole	2800		55	160	650	ug/Kg
84-74-2	Di-n-butylphthalate	3100		120	83.5	330	ug/Kg
206-44-0	Fluoranthene	5500	E	110	160	330	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	A4B84MS	SDG No.:	BP062724
Lab Sample ID:	P2909-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.2
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
BP020662.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4000		96	83.5	330	ug/Kg
85-68-7	Butylbenzylphthalate	3800		170	83.5	330	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2300		94	160	650	ug/Kg
56-55-3	Benzo(a)anthracene	3300		53	83.5	330	ug/Kg
218-01-9	Chrysene	3800		61	83.5	330	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	45000	E	190	83.5	330	ug/Kg
117-84-0	Di-n-octyl phthalate	3700		150	160	650	ug/Kg
205-99-2	Benzo(b)fluoranthene	3800		65	83.5	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	3300		75	83.5	330	ug/Kg
50-32-8	Benzo(a)pyrene	1700		63	83.5	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2300		61	83.5	330	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2800		55	83.5	330	ug/Kg
191-24-2	Benzo(g,h,i)perylene	280	J	51	83.5	330	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3300		65	83.5	330	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.301		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	11.673		20-120		29	SPK: -40
4165-62-2	Phenol-d5	28.423		10-130		71	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.571		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.761		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	27.71		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	30.284		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.732		10-120		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.429		10-140		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.914		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.842		10-145		82	SPK: -40
93951-97-4	Acenaphthylene-d8	29.905		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	36.998		10-150		92	SPK: -40
81103-79-9	Fluorene-d10	32.565		20-140		81	SPK: -40

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	A4B84MS	SDG No.:	BP062724
Lab Sample ID:	P2909-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.2
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
BP020662.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.321		10-130		91	SPK: -40
1719-06-8	Anthracene-d10	31.555		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	31.988		10-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.693		10-140		52	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	194424	7.746				
1146-65-2	Naphthalene-d8	814221	10.516				
15067-26-2	Acenaphthene-d10	548695	14.381				
1517-22-2	Phenanthrene-d10	1184536	17.198				
1719-03-5	Chrysene-d12	865066	21.657				
1520-96-3	Perylene-d12	862000	25.033				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	47	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	A4B84MSD	SDG No.:	BP062724
Lab Sample ID:	P2909-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.2
Sample Wt/Vol:	30.08 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
BP020663.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	860		22	13	130	ug/Kg
100-52-7	Benzaldehyde	1700		88	160	650	ug/Kg
110-86-1	Pyridine	740		65	320	650	ug/Kg
108-95-2	Phenol	2300		84	160	650	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	2200		79	160	650	ug/Kg
95-57-8	2-Chlorophenol	2400		45	83.4	330	ug/Kg
95-48-7	2-Methylphenol	2100		77	160	650	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000		120	160	650	ug/Kg
98-86-2	Acetophenone	2200		79	160	650	ug/Kg
106-44-5	4-Methylphenol	2200		73	160	650	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2000		100	83.4	330	ug/Kg
67-72-1	Hexachloroethane	1700		35	83.4	330	ug/Kg
98-95-3	Nitrobenzene	2400		61	83.4	330	ug/Kg
78-59-1	Isophorone	2200		94	83.4	330	ug/Kg
88-75-5	2-Nitrophenol	2900		61	83.4	330	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		49	83.4	330	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	2300		84	83.4	330	ug/Kg
120-83-2	2,4-Dichlorophenol	2600		31	83.4	330	ug/Kg
91-20-3	Naphthalene	2400		49	83.4	330	ug/Kg
106-47-8	4-Chloroaniline	1500		47	83.4	650	ug/Kg
87-68-3	Hexachlorobutadiene	2500		86	83.4	330	ug/Kg
105-60-2	Caprolactam	2100		140	160	650	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2400		96	83.4	330	ug/Kg
90-12-0	1-Methylnaphthalene	2400		65	83.4	330	ug/Kg
91-57-6	2-Methylnaphthalene	2400		45	83.4	330	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1500		190	160	650	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2800		96	83.4	330	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2900		77	83.4	330	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	A4B84MSD	SDG No.:	BP062724
Lab Sample ID:	P2909-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.2
Sample Wt/Vol:	30.08 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
BP020663.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	2600		47	83.4	330	ug/Kg
91-58-7	2-Chloronaphthalene	2600		51	83.4	330	ug/Kg
88-74-4	2-Nitroaniline	3100		80	83.4	330	ug/Kg
131-11-3	Dimethylphthalate	2600		57	83.4	330	ug/Kg
606-20-2	2,6-Dinitrotoluene	3000		86	83.4	330	ug/Kg
208-96-8	Acenaphthylene	2500		63	83.4	330	ug/Kg
99-09-2	3-Nitroaniline	3100		86	160	650	ug/Kg
83-32-9	Acenaphthene	2600		57	83.4	330	ug/Kg
51-28-5	2,4-Dinitrophenol	3100		94	160	650	ug/Kg
100-02-7	4-Nitrophenol	3000		86	160	650	ug/Kg
132-64-9	Dibenzofuran	2700		63	83.4	330	ug/Kg
121-14-2	2,4-Dinitrotoluene	3100		84	83.4	330	ug/Kg
84-66-2	Diethylphthalate	2600		59	83.4	330	ug/Kg
86-73-7	Fluorene	2800		49	83.4	330	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2600		39	83.4	330	ug/Kg
100-01-6	4-Nitroaniline	3400		61	160	650	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3100		150	160	650	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2700		65	83.4	330	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2700		47	83.4	330	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2600		57	83.4	330	ug/Kg
118-74-1	Hexachlorobenzene	2100		63	83.4	330	ug/Kg
1912-24-9	Atrazine	2100		140	160	650	ug/Kg
87-86-5	Pentachlorophenol	2400		150	160	650	ug/Kg
85-01-8	Phenanthrene	4300		57	83.4	330	ug/Kg
608-93-5	Pentachlorobenzene	2200		100	83.4	330	ug/Kg
120-12-7	Anthracene	2900		49	83.4	330	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2800		98	83.4	330	ug/Kg
86-74-8	Carbazole	2700		55	160	650	ug/Kg
84-74-2	Di-n-butylphthalate	2800		120	83.4	330	ug/Kg
206-44-0	Fluoranthene	4300		110	160	330	ug/Kg



Client:				Date Collected:	6/14/2024 12:00:00 AM	
Project:				Date Received:	6/14/2024 12:00:00 AM	
Client Sample ID:	A4B84MSD			SDG No.:	BP062724	
Lab Sample ID:	P2909-07MSD			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	49.2	
Sample Wt/Vol:	30.08	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
BP020663.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3100		96	83.4	330	ug/Kg
85-68-7	Butylbenzylphthalate	2900		160	83.4	330	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2500		94	160	650	ug/Kg
56-55-3	Benzo(a)anthracene	3500		53	83.4	330	ug/Kg
218-01-9	Chrysene	3600		61	83.4	330	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	49000	E	190	83.4	330	ug/Kg
117-84-0	Di-n-octyl phthalate	2500		150	160	650	ug/Kg
205-99-2	Benzo(b)fluoranthene	3500		65	83.4	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	3000		75	83.4	330	ug/Kg
50-32-8	Benzo(a)pyrene	1600		63	83.4	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2300		61	83.4	330	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2800		55	83.4	330	ug/Kg
191-24-2	Benzo(g,h,i)perylene	280	J	51	83.4	330	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2800		65	83.4	330	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.738		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	12.38		20-120		31	SPK: -40
4165-62-2	Phenol-d5	25.114		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.743		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.782		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	23.093		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	30.009		10-135		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.195		10-120		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.696		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.379		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.472		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	29.102		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.45		10-150		79	SPK: -40
81103-79-9	Fluorene-d10	29.995		20-140		75	SPK: -40

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	A4B84MSD	SDG No.:	BP062724
Lab Sample ID:	P2909-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.2
Sample Wt/Vol:	30.08 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
BP020663.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.347		10-130		83	SPK: -40
1719-06-8	Anthracene-d10	29.994		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	24.527		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.349		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	179296	7.746				
1146-65-2	Naphthalene-d8	666640	10.516				
15067-26-2	Acenaphthene-d10	371479	14.375				
1517-22-2	Phenanthrene-d10	708016	17.192				
1719-03-5	Chrysene-d12	668287	21.657				
1520-96-3	Perylene-d12	884928	25.027				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	47	U			99	ug/Kg



Client:				Date Collected:	6/17/2024 12:00:00 AM	
Project:				Date Received:	6/17/2024 12:00:00 AM	
Client Sample ID:	A4CP0			SDG No.:	BP062724	
Lab Sample ID:	P2909-11			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	37.6	
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
BP020664.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	18	U	18	10.5	110	ug/Kg
100-52-7	Benzaldehyde	72	U	72	130	530	ug/Kg
110-86-1	Pyridine	53	U	53	260	530	ug/Kg
108-95-2	Phenol	69	U	69	130	530	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	64	U	64	130	530	ug/Kg
95-57-8	2-Chlorophenol	37	U	37	67.9	270	ug/Kg
95-48-7	2-Methylphenol	62	U	62	130	530	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	96	U	96	130	530	ug/Kg
98-86-2	Acetophenone	64	U	64	130	530	ug/Kg
106-44-5	4-Methylphenol	59	U	59	130	530	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	81	U	81	67.9	270	ug/Kg
67-72-1	Hexachloroethane	29	U	29	67.9	270	ug/Kg
98-95-3	Nitrobenzene	50	U	50	67.9	270	ug/Kg
78-59-1	Isophorone	77	U	77	67.9	270	ug/Kg
88-75-5	2-Nitrophenol	50	U	50	67.9	270	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	67.9	270	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	69	U	69	67.9	270	ug/Kg
120-83-2	2,4-Dichlorophenol	26	U	26	67.9	270	ug/Kg
91-20-3	Naphthalene	40	U	40	67.9	270	ug/Kg
106-47-8	4-Chloroaniline	38	U	38	67.9	530	ug/Kg
87-68-3	Hexachlorobutadiene	70	U	70	67.9	270	ug/Kg
105-60-2	Caprolactam	120	U	120	130	530	ug/Kg
59-50-7	4-Chloro-3-methylphenol	78	U	78	67.9	270	ug/Kg
90-12-0	1-Methylnaphthalene	53	U	53	67.9	270	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	67.9	270	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	130	530	ug/Kg
88-06-2	2,4,6-Trichlorophenol	78	U	78	67.9	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	62	U	62	67.9	270	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP0	SDG No.:	BP062724
Lab Sample ID:	P2909-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	37.6
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
BP020664.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	38	U	38	67.9	270	ug/Kg
91-58-7	2-Chloronaphthalene	42	U	42	67.9	270	ug/Kg
88-74-4	2-Nitroaniline	65	U	65	67.9	270	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	67.9	270	ug/Kg
606-20-2	2,6-Dinitrotoluene	70	U	70	67.9	270	ug/Kg
208-96-8	Acenaphthylene	51	U	51	67.9	270	ug/Kg
99-09-2	3-Nitroaniline	70	U	70	130	530	ug/Kg
83-32-9	Acenaphthene	46	U	46	67.9	270	ug/Kg
51-28-5	2,4-Dinitrophenol	77	U	77	130	530	ug/Kg
100-02-7	4-Nitrophenol	70	U	70	130	530	ug/Kg
132-64-9	Dibenzofuran	51	U	51	67.9	270	ug/Kg
121-14-2	2,4-Dinitrotoluene	69	U	69	67.9	270	ug/Kg
84-66-2	Diethylphthalate	48	U	48	67.9	270	ug/Kg
86-73-7	Fluorene	40	U	40	67.9	270	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	32	U	32	67.9	270	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	130	530	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	130	530	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	67.9	270	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	67.9	270	ug/Kg
101-55-3	4-Bromophenyl-phenylether	46	U	46	67.9	270	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	67.9	270	ug/Kg
1912-24-9	Atrazine	110	U	110	130	530	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	130	530	ug/Kg
85-01-8	Phenanthrene	260	J	46	67.9	270	ug/Kg
608-93-5	Pentachlorobenzene	83	U	83	67.9	270	ug/Kg
120-12-7	Anthracene	40	U	40	67.9	270	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	80	U	80	67.9	270	ug/Kg
86-74-8	Carbazole	45	U	45	130	530	ug/Kg
84-74-2	Di-n-butylphthalate	97	U	97	67.9	270	ug/Kg
206-44-0	Fluoranthene	520		86	130	270	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP0	SDG No.:	BP062724
Lab Sample ID:	P2909-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	37.6
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
BP020664.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	350		78	67.9	270	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	67.9	270	ug/Kg
91-94-1	3,3-Dichlorobenzidine	77	U	77	130	530	ug/Kg
56-55-3	Benzo(a)anthracene	220	J	43	67.9	270	ug/Kg
218-01-9	Chrysene	270		50	67.9	270	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	67.9	270	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	130	530	ug/Kg
205-99-2	Benzo(b)fluoranthene	320		53	67.9	270	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	61	67.9	270	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	51	67.9	270	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	95	J	50	67.9	270	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	67.9	270	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	67.9	270	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	53	U	53	67.9	270	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.068		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	0.352	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	16.296		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.621		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.671		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	7.372		10-140		18	SPK: -40
4165-60-0	Nitrobenzene-d5	21.853		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.224		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.125		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.171		1-145		13	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.618		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	22.126		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.497		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	23.486		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP0	SDG No.:	BP062724
Lab Sample ID:	P2909-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	37.6
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
BP020664.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.572		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	21.365		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	20.812		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.263		10-140		36	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	190161	7.746				
1146-65-2	Naphthalene-d8	749180	10.516				
15067-26-2	Acenaphthene-d10	459211	14.381				
1517-22-2	Phenanthrene-d10	865911	17.186				
1719-03-5	Chrysene-d12	617753	21.657				
1520-96-3	Perylene-d12	798956	25.027				
TENTATIVE IDENTIFIED COMPOUNDS							
001569-50-2	3-Penten-2-ol	150	J			3.058	
010141-72-7	2H-Pyran, tetrahydro-2-methyl-	200	J			3.781	
	unknown-01	210	J			4.899	
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.257	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	260	J			17.816	
000057-10-3	n-Hexadecanoic acid	310	J			18.128	
041464-46-4	1,1-Biphenyl, 2,3,4,6-tetrachlo	190	J			18.298	
036559-22-5	1,1-Biphenyl, 2,2,3,4-tetrachlo	170	J			18.598	
015968-05-5	1,1-Biphenyl, 2,2,6,6-tetrachlo	120	J			19.157	
041464-49-7	1,1-Biphenyl, 2,3,3,5-tetrachlo	170	J			19.192	
000057-11-4	Octadecanoic acid	150	J			19.469	
	(DEL) Alkane: Cyclic21.322	330	J			21.322	
	(DEL) Alkane: Straight-Chain22.580	340	J			22.58	
	(DEL) Alkane: Straight-Chain24.180	1100	J			24.18	
	(DEL) Alkane: Straight-Chain26.410	570	J			26.41	
E966796	Total Alkanes	2300				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP1	SDG No.:	BP062724
Lab Sample ID:	P2909-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020665.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	10.3	100	ug/Kg
100-52-7	Benzaldehyde	70	U	70	130	510	ug/Kg
110-86-1	Pyridine	51	U	51	260	510	ug/Kg
108-95-2	Phenol	67	U	67	130	510	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	62	U	62	130	510	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	66.1	260	ug/Kg
95-48-7	2-Methylphenol	61	U	61	130	510	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	93	U	93	130	510	ug/Kg
98-86-2	Acetophenone	62	U	62	130	510	ug/Kg
106-44-5	4-Methylphenol	58	U	58	130	510	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	79	U	79	66.1	260	ug/Kg
67-72-1	Hexachloroethane	28	U	28	66.1	260	ug/Kg
98-95-3	Nitrobenzene	48	U	48	66.1	260	ug/Kg
78-59-1	Isophorone	75	U	75	66.1	260	ug/Kg
88-75-5	2-Nitrophenol	48	U	48	66.1	260	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	66.1	260	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	67	U	67	66.1	260	ug/Kg
120-83-2	2,4-Dichlorophenol	25	U	25	66.1	260	ug/Kg
91-20-3	Naphthalene	39	U	39	66.1	260	ug/Kg
106-47-8	4-Chloroaniline	37	U	37	66.1	510	ug/Kg
87-68-3	Hexachlorobutadiene	68	U	68	66.1	260	ug/Kg
105-60-2	Caprolactam	110	U	110	130	510	ug/Kg
59-50-7	4-Chloro-3-methylphenol	76	U	76	66.1	260	ug/Kg
90-12-0	1-Methylnaphthalene	51	U	51	66.1	260	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	66.1	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	130	510	ug/Kg
88-06-2	2,4,6-Trichlorophenol	76	U	76	66.1	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	61	U	61	66.1	260	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP1	SDG No.:	BP062724
Lab Sample ID:	P2909-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020665.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	37	U	37	66.1	260	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	66.1	260	ug/Kg
88-74-4	2-Nitroaniline	64	U	64	66.1	260	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	66.1	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	68	U	68	66.1	260	ug/Kg
208-96-8	Acenaphthylene	50	U	50	66.1	260	ug/Kg
99-09-2	3-Nitroaniline	68	U	68	130	510	ug/Kg
83-32-9	Acenaphthene	45	U	45	66.1	260	ug/Kg
51-28-5	2,4-Dinitrophenol	75	U	75	130	510	ug/Kg
100-02-7	4-Nitrophenol	68	U	68	130	510	ug/Kg
132-64-9	Dibenzofuran	50	U	50	66.1	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	67	U	67	66.1	260	ug/Kg
84-66-2	Diethylphthalate	47	U	47	66.1	260	ug/Kg
86-73-7	Fluorene	39	U	39	66.1	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31	U	31	66.1	260	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	130	510	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	130	510	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	66.1	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	66.1	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	45	U	45	66.1	260	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	66.1	260	ug/Kg
1912-24-9	Atrazine	110	U	110	130	510	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	130	510	ug/Kg
85-01-8	Phenanthrene	280		45	66.1	260	ug/Kg
608-93-5	Pentachlorobenzene	81	U	81	66.1	260	ug/Kg
120-12-7	Anthracene	39	U	39	66.1	260	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	78	U	78	66.1	260	ug/Kg
86-74-8	Carbazole	44	U	44	130	510	ug/Kg
84-74-2	Di-n-butylphthalate	95	U	95	66.1	260	ug/Kg
206-44-0	Fluoranthene	630		84	130	260	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP1	SDG No.:	BP062724
Lab Sample ID:	P2909-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020665.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	400		76	66.1	260	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	66.1	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	75	U	75	130	510	ug/Kg
56-55-3	Benzo(a)anthracene	230	J	42	66.1	260	ug/Kg
218-01-9	Chrysene	280		48	66.1	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	66.1	260	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	130	510	ug/Kg
205-99-2	Benzo(b)fluoranthene	350		51	66.1	260	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	59	66.1	260	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	50	66.1	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	48	66.1	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56	J	44	66.1	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	66.1	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51	U	51	66.1	260	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.47		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	2.852	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	18.426		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.061		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.339		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	9.564		10-140		24	SPK: -40
4165-60-0	Nitrobenzene-d5	22.845		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.583		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.562		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.297		1-145		16	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.688		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	23.48		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.168		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	25.202		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP1	SDG No.:	BP062724
Lab Sample ID:	P2909-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.9
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
BP020665.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.058		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	21.802		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	24.295		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.938		10-140		37	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	190533	7.74				
1146-65-2	Naphthalene-d8	792809	10.516				
15067-26-2	Acenaphthene-d10	521022	14.375				
1517-22-2	Phenanthrene-d10	1040091	17.192				
1719-03-5	Chrysene-d12	644461	21.651				
1520-96-3	Perylene-d12	747173	25.021				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	720	J			3.011	
019354-27-9	Furan, tetrahydro-2-(methoxymethyl	150	J			3.058	
010141-72-7	2H-Pyran, tetrahydro-2-methyl-	210	J			3.787	
	unknown-01	190	J			4.899	
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.257	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	300	J			17.822	
000057-10-3	n-Hexadecanoic acid	310	J			18.139	
070362-45-7	2,2,3,6-Tetrachloro-1,1-biphenyl	200	J			18.304	
002437-79-8	1,1-Biphenyl, 2,2,4,4-tetrachlo	110	J			18.363	
035693-99-3	1,1-Biphenyl, 2,2,5,5-tetrachlo	180	J			18.598	
015968-05-5	1,1-Biphenyl, 2,2,6,6-tetrachlo	130	J			19.157	
041464-48-6	1,1-Biphenyl, 3,3,4,5-tetrachlo	170	J			19.192	
000057-11-4	Octadecanoic acid	180	J			19.469	
086711-81-1	2- Chloropropionic acid, hexadecyl	340	J			21.322	
	(DEL) Alkane: Straight-Chain22.574	280	J			22.574	
	(DEL) Alkane: Straight-Chain24.168	490	J			24.168	
E966796	Total Alkanes	770				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP1	SDG No.:	BP062724
Lab Sample ID:	P2909-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.9
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
BP020665.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

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

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	A4B85	SDG No.:	BP062724
Lab Sample ID:	P2909-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.8
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
BP020666.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.6	76	ug/Kg
100-52-7	Benzaldehyde	52	U	52	94.6	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	49	U	49	94.6	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	94.6	380	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	48.7	190	ug/Kg
95-48-7	2-Methylphenol	45	U	45	94.6	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	69	U	69	94.6	380	ug/Kg
98-86-2	Acetophenone	46	U	46	94.6	380	ug/Kg
106-44-5	4-Methylphenol	42	U	42	94.6	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	58	U	58	48.7	190	ug/Kg
67-72-1	Hexachloroethane	21	U	21	48.7	190	ug/Kg
98-95-3	Nitrobenzene	36	U	36	48.7	190	ug/Kg
78-59-1	Isophorone	55	U	55	48.7	190	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	48.7	190	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	48.7	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	48.7	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	48.7	190	ug/Kg
91-20-3	Naphthalene	29	U	29	48.7	190	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	48.7	380	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	48.7	190	ug/Kg
105-60-2	Caprolactam	83	U	83	94.6	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	48.7	190	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	48.7	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	48.7	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.6	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	48.7	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	48.7	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	A4B85	SDG No.:	BP062724
Lab Sample ID:	P2909-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.8
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
BP020666.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	48.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	48.7	190	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	48.7	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	48.7	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	50	48.7	190	ug/Kg
208-96-8	Acenaphthylene	37	U	37	48.7	190	ug/Kg
99-09-2	3-Nitroaniline	50	U	50	94.6	380	ug/Kg
83-32-9	Acenaphthene	33	U	33	48.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	55	U	55	94.6	380	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	94.6	380	ug/Kg
132-64-9	Dibenzofuran	37	U	37	48.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	49	U	49	48.7	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	48.7	190	ug/Kg
86-73-7	Fluorene	29	U	29	48.7	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.7	190	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	94.6	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	88	U	88	94.6	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	48.7	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	48.7	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	48.7	190	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	48.7	190	ug/Kg
1912-24-9	Atrazine	81	U	81	94.6	380	ug/Kg
87-86-5	Pentachlorophenol	85	U	85	94.6	380	ug/Kg
85-01-8	Phenanthrene	130	J	33	48.7	190	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	48.7	190	ug/Kg
120-12-7	Anthracene	29	U	29	48.7	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	57	U	57	48.7	190	ug/Kg
86-74-8	Carbazole	32	U	32	94.6	380	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	48.7	190	ug/Kg
206-44-0	Fluoranthene	140	J	62	94.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	A4B85	SDG No.:	BP062724
Lab Sample ID:	P2909-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.8
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
BP020666.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	110	J	56	48.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	96	U	96	48.7	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	94.6	380	ug/Kg
56-55-3	Benzo(a)anthracene	49	J	31	48.7	190	ug/Kg
218-01-9	Chrysene	47	J	36	48.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	48.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	87	U	87	94.6	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	51	J	38	48.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	48.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	48.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	48.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	48.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	48.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	48.7	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.247		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	16.721		20-120		42	SPK: -40
4165-62-2	Phenol-d5	20.377		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.319		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.886		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	20.762		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	22.314		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.06		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.496		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.677		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.749		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	23.903		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.911		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	25.902		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	A4B85	SDG No.:	BP062724
Lab Sample ID:	P2909-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.8
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
BP020666.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.867		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	23.036		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	30.313		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.049		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	226294	7.74				
1146-65-2	Naphthalene-d8	946091	10.51				
15067-26-2	Acenaphthene-d10	617573	14.381				
1517-22-2	Phenanthrene-d10	1296877	17.186				
1719-03-5	Chrysene-d12	833839	21.651				
1520-96-3	Perylene-d12	861173	25.015				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	88	J			11.252	
000057-10-3	n-Hexadecanoic acid	250	J			18.128	
000057-11-4	Octadecanoic acid	110	J			19.469	
	(DEL) Alkane: Cyclic	270	J			21.316	
E966796	Total Alkanes	270				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP2	SDG No.:	BP062724
Lab Sample ID:	P2909-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.5
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
BP020667.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.6	87	ug/Kg
100-52-7	Benzaldehyde	59	U	59	110	430	ug/Kg
110-86-1	Pyridine	43	U	43	210	430	ug/Kg
108-95-2	Phenol	56	U	56	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	52	U	52	110	430	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	55.4	220	ug/Kg
95-48-7	2-Methylphenol	51	U	51	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	78	U	78	110	430	ug/Kg
98-86-2	Acetophenone	52	U	52	110	430	ug/Kg
106-44-5	4-Methylphenol	48	U	48	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	66	U	66	55.4	220	ug/Kg
67-72-1	Hexachloroethane	23	U	23	55.4	220	ug/Kg
98-95-3	Nitrobenzene	40	U	40	55.4	220	ug/Kg
78-59-1	Isophorone	63	U	63	55.4	220	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	55.4	220	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	55.4	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	56	U	56	55.4	220	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	55.4	220	ug/Kg
91-20-3	Naphthalene	33	U	33	55.4	220	ug/Kg
106-47-8	4-Chloroaniline	31	U	31	55.4	430	ug/Kg
87-68-3	Hexachlorobutadiene	57	U	57	55.4	220	ug/Kg
105-60-2	Caprolactam	94	U	94	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	64	U	64	55.4	220	ug/Kg
90-12-0	1-Methylnaphthalene	43	U	43	55.4	220	ug/Kg
91-57-6	2-Methylnaphthalene	30	U	30	55.4	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	64	U	64	55.4	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	55.4	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP2	SDG No.:	BP062724
Lab Sample ID:	P2909-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.5
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
BP020667.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	55.4	220	ug/Kg
91-58-7	2-Chloronaphthalene	34	U	34	55.4	220	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	55.4	220	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	55.4	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	57	U	57	55.4	220	ug/Kg
208-96-8	Acenaphthylene	42	U	42	55.4	220	ug/Kg
99-09-2	3-Nitroaniline	57	U	57	110	430	ug/Kg
83-32-9	Acenaphthene	38	U	38	55.4	220	ug/Kg
51-28-5	2,4-Dinitrophenol	63	U	63	110	430	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	430	ug/Kg
132-64-9	Dibenzofuran	42	U	42	55.4	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56	U	56	55.4	220	ug/Kg
84-66-2	Diethylphthalate	39	U	39	55.4	220	ug/Kg
86-73-7	Fluorene	33	U	33	55.4	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	55.4	220	ug/Kg
100-01-6	4-Nitroaniline	40	U	40	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	43	U	43	55.4	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	31	U	31	55.4	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	38	U	38	55.4	220	ug/Kg
118-74-1	Hexachlorobenzene	42	U	42	55.4	220	ug/Kg
1912-24-9	Atrazine	93	U	93	110	430	ug/Kg
87-86-5	Pentachlorophenol	96	U	96	110	430	ug/Kg
85-01-8	Phenanthrene	38	U	38	55.4	220	ug/Kg
608-93-5	Pentachlorobenzene	68	U	68	55.4	220	ug/Kg
120-12-7	Anthracene	33	U	33	55.4	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	65	U	65	55.4	220	ug/Kg
86-74-8	Carbazole	36	U	36	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	79	U	79	55.4	220	ug/Kg
206-44-0	Fluoranthene	70	U	70	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP2	SDG No.:	BP062724
Lab Sample ID:	P2909-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.5
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
BP020667.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	64	U	64	55.4	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	55.4	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	35	U	35	55.4	220	ug/Kg
218-01-9	Chrysene	40	U	40	55.4	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	55.4	220	ug/Kg
117-84-0	Di-n-octyl phthalate	99	U	99	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	55.4	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	50	U	50	55.4	220	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	55.4	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	40	U	40	55.4	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	36	U	36	55.4	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	55.4	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	55.4	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.734		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	3.342	*	20-120		8	SPK: -40
4165-62-2	Phenol-d5	24.54		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.352		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.541		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	23.246		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	27.655		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.786		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.451		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.9		1-145		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.937		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	25.725		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.914		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	26.751		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP2	SDG No.:	BP062724
Lab Sample ID:	P2909-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.5
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
BP020667.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.152		10-130		63	SPK: -40
1719-06-8	Anthracene-d10	26.32		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	26.509		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.125		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	201468	7.74				
1146-65-2	Naphthalene-d8	814682	10.522				
15067-26-2	Acenaphthene-d10	507598	14.387				
1517-22-2	Phenanthrene-d10	945870	17.192				
1719-03-5	Chrysene-d12	703022	21.651				
1520-96-3	Perylene-d12	878640	25.004				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J			3.011	
019354-27-9	Furan, tetrahydro-2-(methoxymethyl	100	J			3.058	
	unknown-01	200	J			4.899	
000057-10-3	n-Hexadecanoic acid	160	J			18.145	
000057-11-4	Octadecanoic acid	100	J			19.474	
	(DEL) Alkane: Straight-Chain21.322	230	J			21.322	
E966796	Total Alkanes	230				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP3	SDG No.:	BP062724
Lab Sample ID:	P2909-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020668.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

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	95.2	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	50	U	50	95.2	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	95.2	380	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	49	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	95.2	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	69	U	69	95.2	380	ug/Kg
98-86-2	Acetophenone	46	U	46	95.2	380	ug/Kg
106-44-5	4-Methylphenol	43	U	43	95.2	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	59	49	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	49	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	49	200	ug/Kg
78-59-1	Isophorone	55	U	55	49	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	49	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	49	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	49	200	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	49	200	ug/Kg
91-20-3	Naphthalene	29	U	29	49	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	49	380	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	49	200	ug/Kg
105-60-2	Caprolactam	83	U	83	95.2	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57	U	57	49	200	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	49	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	49	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	95.2	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	49	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	49	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP3	SDG No.:	BP062724
Lab Sample ID:	P2909-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020668.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	49	200	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	49	200	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	49	200	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	49	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	51	49	200	ug/Kg
208-96-8	Acenaphthylene	37	U	37	49	200	ug/Kg
99-09-2	3-Nitroaniline	51	U	51	95.2	380	ug/Kg
83-32-9	Acenaphthene	33	U	33	49	200	ug/Kg
51-28-5	2,4-Dinitrophenol	55	U	55	95.2	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95.2	380	ug/Kg
132-64-9	Dibenzofuran	37	U	37	49	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	50	U	50	49	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	49	200	ug/Kg
86-73-7	Fluorene	29	U	29	49	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	95.2	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	89	U	89	95.2	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	49	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	49	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	49	200	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	49	200	ug/Kg
1912-24-9	Atrazine	82	U	82	95.2	380	ug/Kg
87-86-5	Pentachlorophenol	85	U	85	95.2	380	ug/Kg
85-01-8	Phenanthrene	33	U	33	49	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	49	200	ug/Kg
120-12-7	Anthracene	29	U	29	49	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	58	U	58	49	200	ug/Kg
86-74-8	Carbazole	32	U	32	95.2	380	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	49	200	ug/Kg
206-44-0	Fluoranthene	62	U	62	95.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP3	SDG No.:	BP062724
Lab Sample ID:	P2909-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020668.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	57	U	57	49	200	ug/Kg
85-68-7	Butylbenzylphthalate	97	U	97	49	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	95.2	380	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	49	200	ug/Kg
218-01-9	Chrysene	36	U	36	49	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	49	200	ug/Kg
117-84-0	Di-n-octyl phthalate	88	U	88	95.2	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	38	U	38	49	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	49	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	49	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	49	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	49	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	49	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.485		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	16.86		20-120		42	SPK: -40
4165-62-2	Phenol-d5	31.444		10-130		79	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.363		10-150		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.616		15-120		79	SPK: -40
190780-66-6	4-Methylphenol-d8	31.285		10-140		78	SPK: -40
4165-60-0	Nitrobenzene-d5	33.758		10-135		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.077		10-120		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.9		10-140		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.25		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.48		10-145		84	SPK: -40
93951-97-4	Acenaphthylene-d8	32.105		15-120		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.265		10-150		78	SPK: -40
81103-79-9	Fluorene-d10	34.002		20-140		85	SPK: -40

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP3	SDG No.:	BP062724
Lab Sample ID:	P2909-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020668.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.393		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	30.938		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	37.299		10-130		93	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.785		10-140		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	187275	7.74				
1146-65-2	Naphthalene-d8	770644	10.516				
15067-26-2	Acenaphthene-d10	524664	14.381				
1517-22-2	Phenanthrene-d10	1103897	17.181				
1719-03-5	Chrysene-d12	757821	21.645				
1520-96-3	Perylene-d12	788065	25.004				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			3.011	
000057-10-3	n-Hexadecanoic acid	310	J			18.134	
000057-11-4	Octadecanoic acid	110	J			19.463	
	(DEL) Alkane: Straight-Chain	21.310	J			21.31	
E966796	Total Alkanes	220				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	SBLK716	SDG No.:	BP062724
Lab Sample ID:	PB161716BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020670.D	1	6/25/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161716

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

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	SBLK716	SDG No.:	BP062724
Lab Sample ID:	PB161716BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020670.D	1	6/25/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161716

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

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	SBLK716	SDG No.:	BP062724
Lab Sample ID:	PB161716BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020670.D	1	6/25/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.363		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	23.719		20-120		59	SPK: -40
4165-62-2	Phenol-d5	27.162		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.241		25-120		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.399		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	27.285		25-125		68	SPK: -40
4165-60-0	Nitrobenzene-d5	31.189		20-125		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.831		20-130		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.337		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.317		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.134		25-130		78	SPK: -40
93951-97-4	Acenaphthylene-d8	29.106		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.03		10-150		73	SPK: -40
81103-79-9	Fluorene-d10	30.668		25-125		77	SPK: -40

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	SBLK716	SDG No.:	BP062724
Lab Sample ID:	PB161716BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020670.D	1	6/25/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.171		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	29.545		25-130		74	SPK: -40
1718-52-1	Pyrene-d10	31.806		15-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.716		20-130		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	274495	7.74				
1146-65-2	Naphthalene-d8	1116945	10.516				
15067-26-2	Acenaphthene-d10	730158	14.375				
1517-22-2	Phenanthrene-d10	1442782	17.192				
1719-03-5	Chrysene-d12	1063777	21.645				
1520-96-3	Perylene-d12	1217807	25.01				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	SBLK557	SDG No.:	BP062724
Lab Sample ID:	PB161557BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020671.D	1	6/18/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161557

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

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	SBLK557	SDG No.:	BP062724
Lab Sample ID:	PB161557BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020671.D	1	6/18/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161557

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

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	SBLK557	SDG No.:	BP062724
Lab Sample ID:	PB161557BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020671.D	1	6/18/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161557

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
7291-22-7	Pyridine-d5	24.839		20-120		62	SPK: -40
17647-74-4	1,4-Dioxane-d8	5.45		15-120		68	SPK: -8
4165-62-2	Phenol-d5	28.277		10-130		71	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.973		25-120		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.451		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	28.42		25-125		71	SPK: -40
4165-60-0	Nitrobenzene-d5	31.611		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.813		20-130		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.301		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.363		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.369		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	29.677		10-130		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.437		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	31.45		25-125		79	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	SBLK557	SDG No.:	BP062724
Lab Sample ID:	PB161557BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020671.D	1	6/18/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161557

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.96		10-130		80	SPK: -40
1719-06-8	Anthracene-d10	30.161		25-130		75	SPK: -40
1718-52-1	Pyrene-d10	34.323		15-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.858		20-130		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	247795	7.746				
1146-65-2	Naphthalene-d8	1038111	10.516				
15067-26-2	Acenaphthene-d10	696745	14.375				
1517-22-2	Phenanthrene-d10	1394633	17.187				
1719-03-5	Chrysene-d12	981610	21.651				
1520-96-3	Perylene-d12	1026045	25.016				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	A4B76	SDG No.:	BP062724
Lab Sample ID:	P2909-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.8
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
BP020672.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.7	88	ug/Kg
100-52-7	Benzaldehyde	60	U	60	110	440	ug/Kg
110-86-1	Pyridine	44	U	44	220	440	ug/Kg
108-95-2	Phenol	57	U	57	110	440	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	53	U	53	110	440	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	56.3	230	ug/Kg
95-48-7	2-Methylphenol	52	U	52	110	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	80	U	80	110	440	ug/Kg
98-86-2	Acetophenone	53	U	53	110	440	ug/Kg
106-44-5	4-Methylphenol	49	U	49	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	68	U	68	56.3	230	ug/Kg
67-72-1	Hexachloroethane	24	U	24	56.3	230	ug/Kg
98-95-3	Nitrobenzene	41	U	41	56.3	230	ug/Kg
78-59-1	Isophorone	64	U	64	56.3	230	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	56.3	230	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	56.3	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	56.3	230	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	56.3	230	ug/Kg
91-20-3	Naphthalene	33	U	33	56.3	230	ug/Kg
106-47-8	4-Chloroaniline	32	U	32	56.3	440	ug/Kg
87-68-3	Hexachlorobutadiene	58	U	58	56.3	230	ug/Kg
105-60-2	Caprolactam	95	U	95	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	65	U	65	56.3	230	ug/Kg
90-12-0	1-Methylnaphthalene	44	U	44	56.3	230	ug/Kg
91-57-6	2-Methylnaphthalene	30	U	30	56.3	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	65	U	65	56.3	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	56.3	230	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	A4B76	SDG No.:	BP062724
Lab Sample ID:	P2909-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.8
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
BP020672.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	56.3	230	ug/Kg
91-58-7	2-Chloronaphthalene	34	U	34	56.3	230	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	56.3	230	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	56.3	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	58	U	58	56.3	230	ug/Kg
208-96-8	Acenaphthylene	80	J	42	56.3	230	ug/Kg
99-09-2	3-Nitroaniline	58	U	58	110	440	ug/Kg
83-32-9	Acenaphthene	38	U	38	56.3	230	ug/Kg
51-28-5	2,4-Dinitrophenol	64	U	64	110	440	ug/Kg
100-02-7	4-Nitrophenol	58	U	58	110	440	ug/Kg
132-64-9	Dibenzofuran	42	U	42	56.3	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	57	U	57	56.3	230	ug/Kg
84-66-2	Diethylphthalate	40	U	40	56.3	230	ug/Kg
86-73-7	Fluorene	33	U	33	56.3	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27	U	27	56.3	230	ug/Kg
100-01-6	4-Nitroaniline	41	U	41	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	44	U	44	56.3	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	32	U	32	56.3	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	38	U	38	56.3	230	ug/Kg
118-74-1	Hexachlorobenzene	42	U	42	56.3	230	ug/Kg
1912-24-9	Atrazine	94	U	94	110	440	ug/Kg
87-86-5	Pentachlorophenol	98	U	98	110	440	ug/Kg
85-01-8	Phenanthrene	180	J	38	56.3	230	ug/Kg
608-93-5	Pentachlorobenzene	69	U	69	56.3	230	ug/Kg
120-12-7	Anthracene	65	J	33	56.3	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	66	U	66	56.3	230	ug/Kg
86-74-8	Carbazole	37	U	37	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	81	U	81	56.3	230	ug/Kg
206-44-0	Fluoranthene	270		72	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	A4B76	SDG No.:	BP062724
Lab Sample ID:	P2909-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.8
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
BP020672.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	240		65	56.3	230	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	56.3	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	36	56.3	230	ug/Kg
218-01-9	Chrysene	190	J	41	56.3	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	56.3	230	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	260		44	56.3	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	92	J	50	56.3	230	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	42	56.3	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	41	56.3	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	56.3	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	56.3	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	56.3	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.619		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	3.324	*	20-120		8	SPK: -40
4165-62-2	Phenol-d5	19.098		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.123		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.277		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	14.709		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	23.573		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.748		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.672		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.378		1-145		11	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.407		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	21.426		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.781		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	23.862		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	A4B76	SDG No.:	BP062724
Lab Sample ID:	P2909-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.8
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
BP020672.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.65		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	24.645		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	19.261		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.959		10-140		40	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	248077	7.746				
1146-65-2	Naphthalene-d8	884531	10.516				
15067-26-2	Acenaphthene-d10	459469	14.375				
1517-22-2	Phenanthrene-d10	891575	17.186				
1719-03-5	Chrysene-d12	949011	21.645				
1520-96-3	Perylene-d12	1188678	25.027				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			3.017	
019354-27-9	Furan, tetrahydro-2-(methoxymethyl	150	J			3.064	
	unknown-01	140	J			3.793	
000075-76-3	Silane, tetramethyl-	190	J			4.905	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	140	J			17.816	
000057-10-3	n-Hexadecanoic acid	380	J			18.139	
041464-39-5	1,1-Biphenyl, 2,2,3,5-tetrachlo	94	J			18.292	
000057-11-4	Octadecanoic acid	230	J			19.463	
E966796	Total Alkanes	32	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	A4B78	SDG No.:	BP062724
Lab Sample ID:	P2909-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
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
BP020673.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.3	84	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	54	U	54	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	53.7	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	76	U	76	100	420	ug/Kg
98-86-2	Acetophenone	51	U	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	64	U	64	53.7	210	ug/Kg
67-72-1	Hexachloroethane	23	U	23	53.7	210	ug/Kg
98-95-3	Nitrobenzene	39	U	39	53.7	210	ug/Kg
78-59-1	Isophorone	61	U	61	53.7	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	53.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	53.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	53.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	53.7	210	ug/Kg
91-20-3	Naphthalene	32	U	32	53.7	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	53.7	420	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	53.7	210	ug/Kg
105-60-2	Caprolactam	91	U	91	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	62	U	62	53.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	42	U	42	53.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	53.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	53.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	53.7	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	A4B78	SDG No.:	BP062724
Lab Sample ID:	P2909-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
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
BP020673.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	53.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	53.7	210	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	53.7	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	53.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	56	U	56	53.7	210	ug/Kg
208-96-8	Acenaphthylene	40	U	40	53.7	210	ug/Kg
99-09-2	3-Nitroaniline	56	U	56	100	420	ug/Kg
83-32-9	Acenaphthene	37	U	37	53.7	210	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	40	U	40	53.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	53.7	210	ug/Kg
84-66-2	Diethylphthalate	38	U	38	53.7	210	ug/Kg
86-73-7	Fluorene	32	U	32	53.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.7	210	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	97	U	97	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	53.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	53.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	53.7	210	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	53.7	210	ug/Kg
1912-24-9	Atrazine	90	U	90	100	420	ug/Kg
87-86-5	Pentachlorophenol	93	U	93	100	420	ug/Kg
85-01-8	Phenanthrene	80	J	37	53.7	210	ug/Kg
608-93-5	Pentachlorobenzene	66	U	66	53.7	210	ug/Kg
120-12-7	Anthracene	32	U	32	53.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	63	U	63	53.7	210	ug/Kg
86-74-8	Carbazole	35	U	35	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	77	U	77	53.7	210	ug/Kg
206-44-0	Fluoranthene	130	J	68	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	A4B78	SDG No.:	BP062724
Lab Sample ID:	P2909-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
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
BP020673.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	110	J	62	53.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	53.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	66	J	34	53.7	210	ug/Kg
218-01-9	Chrysene	77	J	39	53.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	53.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	96	U	96	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	91	J	42	53.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	53.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	70	J	40	53.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	53.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	53.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55	J	33	53.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	53.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.697		15-120		21	SPK: -8
7291-22-7	Pyridine-d5	2.696	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	15.552		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.683		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.333		15-120		36	SPK: -40
190780-66-6	4-Methylphenol-d8	18.697		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	18.324		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.466		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.278		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.208		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.978		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	25.286		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.157		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	26.771		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	A4B78	SDG No.:	BP062724
Lab Sample ID:	P2909-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
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
BP020673.D	1	6/20/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.662		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	27.067		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	25.023		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.987		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	200365	7.746				
1146-65-2	Naphthalene-d8	774895	10.522				
15067-26-2	Acenaphthene-d10	457779	14.386				
1517-22-2	Phenanthrene-d10	861720	17.192				
1719-03-5	Chrysene-d12	823799	21.657				
1520-96-3	Perylene-d12	1048438	25.021				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	510	J			3.016	
000057-10-3	n-Hexadecanoic acid	370	J			18.139	
	(DEL) Alkane: Straight-Chain	18.833	J			18.833	
000057-11-4	Octadecanoic acid	220	J			19.474	
1000130-81-0	11,13-Dimethyl-12-tetradecen-1-ol	170	J			19.563	
	unknown-01	490	J			20.08	
	(DEL) Alkane: Straight-Chain	20.233	J			20.233	
004206-58-0	trans-Sinapaldehyde	410	J			20.386	
106864-11-3	cis-6-Ethyl-cis-4a,trans-8a-perhyd	89	J			20.592	
1000111-77-6	2-Methyl-3-[(1S,2S)-1,3,3-trimethy	89	J			20.621	
	(DEL) Alkane: Straight-Chain	20.786	J			20.786	
006222-03-3	Trifluoroacetoxy hexadecane	490	J			21.316	
	unknown-02	98	J			21.839	
1000130-97-9	E-15-Heptadecenal	410	J			22.574	
	(DEL) Alkane: Straight-Chain	24.174	J			24.174	
E966796	Total Alkanes	760				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	A4B81	SDG No.:	BP062724
Lab Sample ID:	P2909-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	61.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020674.D	1	6/20/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	28	U	28	17	170	ug/Kg
100-52-7	Benzaldehyde	120	U	120	210	850	ug/Kg
110-86-1	Pyridine	85	U	85	430	850	ug/Kg
108-95-2	Phenol	110	U	110	210	850	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	100	U	100	210	850	ug/Kg
95-57-8	2-Chlorophenol	59	U	59	110	440	ug/Kg
95-48-7	2-Methylphenol	100	U	100	210	850	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	150	210	850	ug/Kg
98-86-2	Acetophenone	100	U	100	210	850	ug/Kg
106-44-5	4-Methylphenol	95	U	95	210	850	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	130	U	130	110	440	ug/Kg
67-72-1	Hexachloroethane	46	U	46	110	440	ug/Kg
98-95-3	Nitrobenzene	80	U	80	110	440	ug/Kg
78-59-1	Isophorone	120	U	120	110	440	ug/Kg
88-75-5	2-Nitrophenol	80	U	80	110	440	ug/Kg
105-67-9	2,4-Dimethylphenol	64	U	64	110	440	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	110	U	110	110	440	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	110	440	ug/Kg
91-20-3	Naphthalene	64	U	64	110	440	ug/Kg
106-47-8	4-Chloroaniline	62	U	62	110	850	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	110	440	ug/Kg
105-60-2	Caprolactam	190	U	190	210	850	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	U	130	110	440	ug/Kg
90-12-0	1-Methylnaphthalene	85	U	85	110	440	ug/Kg
91-57-6	2-Methylnaphthalene	59	U	59	110	440	ug/Kg
77-47-4	Hexachlorocyclopentadiene	240	U	240	210	850	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	U	130	110	440	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	110	440	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	A4B81	SDG No.:	BP062724
Lab Sample ID:	P2909-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	61.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020674.D	1	6/20/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	62	U	62	110	440	ug/Kg
91-58-7	2-Chloronaphthalene	67	U	67	110	440	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	110	440	ug/Kg
131-11-3	Dimethylphthalate	75	U	75	110	440	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	110	440	ug/Kg
208-96-8	Acenaphthylene	82	U	82	110	440	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	210	850	ug/Kg
83-32-9	Acenaphthene	75	U	75	110	440	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	210	850	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	210	850	ug/Kg
132-64-9	Dibenzofuran	82	U	82	110	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	110	440	ug/Kg
84-66-2	Diethylphthalate	77	U	77	110	440	ug/Kg
86-73-7	Fluorene	64	U	64	110	440	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	52	U	52	110	440	ug/Kg
100-01-6	4-Nitroaniline	80	U	80	210	850	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	200	U	200	210	850	ug/Kg
86-30-6	N-Nitrosodiphenylamine	85	U	85	110	440	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	110	440	ug/Kg
101-55-3	4-Bromophenyl-phenylether	75	U	75	110	440	ug/Kg
118-74-1	Hexachlorobenzene	82	U	82	110	440	ug/Kg
1912-24-9	Atrazine	180	U	180	210	850	ug/Kg
87-86-5	Pentachlorophenol	190	U	190	210	850	ug/Kg
85-01-8	Phenanthrene	180	J	75	110	440	ug/Kg
608-93-5	Pentachlorobenzene	130	U	130	110	440	ug/Kg
120-12-7	Anthracene	64	U	64	110	440	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	130	U	130	110	440	ug/Kg
86-74-8	Carbazole	72	U	72	210	850	ug/Kg
84-74-2	Di-n-butylphthalate	160	U	160	110	440	ug/Kg
206-44-0	Fluoranthene	280	J	140	210	440	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	A4B81	SDG No.:	BP062724
Lab Sample ID:	P2909-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	61.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020674.D	1	6/20/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	230	J	130	110	440	ug/Kg
85-68-7	Butylbenzylphthalate	220	U	220	110	440	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	210	850	ug/Kg
56-55-3	Benzo(a)anthracene	140	J	70	110	440	ug/Kg
218-01-9	Chrysene	170	J	80	110	440	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	250	U	250	110	440	ug/Kg
117-84-0	Di-n-octyl phthalate	200	U	200	210	850	ug/Kg
205-99-2	Benzo(b)fluoranthene	210	J	85	110	440	ug/Kg
207-08-9	Benzo(k)fluoranthene	98	U	98	110	440	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	82	110	440	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	86	J	80	110	440	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	72	U	72	110	440	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	J	67	110	440	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	85	U	85	110	440	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.879		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	19.342		20-120		48	SPK: -40
4165-62-2	Phenol-d5	21.697		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.172		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.353		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	21.846		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	24.767		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.372		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.311		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.003		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.571		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	25.694		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.946		10-150		65	SPK: -40
81103-79-9	Fluorene-d10	27.899		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	A4B81	SDG No.:	BP062724
Lab Sample ID:	P2909-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	61.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020674.D	1	6/20/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.551		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	26.285		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	23.295		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.269		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	144541	7.746				
1146-65-2	Naphthalene-d8	553631	10.516				
15067-26-2	Acenaphthene-d10	337859	14.381				
1517-22-2	Phenanthrene-d10	729709	17.186				
1719-03-5	Chrysene-d12	785915	21.651				
1520-96-3	Perylene-d12	963767	25.015				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2700	J			3.011	
000057-10-3	n-Hexadecanoic acid	470	J			18.128	
000057-11-4	Octadecanoic acid	260	J			19.475	
300574-36-1	5-Bromo-4-oxo-4,5,6,7-tetrahydrobe	280	J			19.904	
034291-69-5	11-Hexacosyne	310	J			20.633	
1000303-56-3	[1,2,4]Oxadiazole, 3-(5-bromofuran	350	J			20.651	
	(DEL) Alkane: Straight-Chain21.316	400	J			21.316	
	(DEL) Alkane: Straight-Chain21.404	270	J			21.404	
1000373-94-0	1,1,6-trimethyl-3-methylene-2-(3,6	290	J			22.821	
E966796	Total Alkanes	670				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B43	SDG No.:	BP062724
Lab Sample ID:	P2909-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020675.D	1	6/20/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	11.6	120	ug/Kg
110-86-1	Pyridine	58	U	58	290	580	ug/Kg
100-52-7	Benzaldehyde	79	U	79	150	580	ug/Kg
108-95-2	Phenol	76	U	76	150	580	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	71	U	71	150	580	ug/Kg
95-57-8	2-Chlorophenol	41	U	41	75	300	ug/Kg
95-48-7	2-Methylphenol	69	U	69	150	580	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	580	ug/Kg
98-86-2	Acetophenone	71	U	71	150	580	ug/Kg
106-44-5	4-Methylphenol	65	U	65	150	580	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	90	U	90	75	300	ug/Kg
67-72-1	Hexachloroethane	32	U	32	75	300	ug/Kg
98-95-3	Nitrobenzene	55	U	55	75	300	ug/Kg
78-59-1	Isophorone	85	U	85	75	300	ug/Kg
88-75-5	2-Nitrophenol	55	U	55	75	300	ug/Kg
105-67-9	2,4-Dimethylphenol	44	U	44	75	300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	76	U	76	75	300	ug/Kg
120-83-2	2,4-Dichlorophenol	28	U	28	75	300	ug/Kg
91-20-3	Naphthalene	44	U	44	75	300	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	75	580	ug/Kg
87-68-3	Hexachlorobutadiene	78	U	78	75	300	ug/Kg
105-60-2	Caprolactam	130	U	130	150	580	ug/Kg
59-50-7	4-Chloro-3-methylphenol	86	U	86	75	300	ug/Kg
90-12-0	1-Methylnaphthalene	58	U	58	75	300	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	75	300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	150	580	ug/Kg
88-06-2	2,4,6-Trichlorophenol	86	U	86	75	300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	69	U	69	75	300	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B43	SDG No.:	BP062724
Lab Sample ID:	P2909-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020675.D	1	6/20/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	42	U	42	75	300	ug/Kg
91-58-7	2-Chloronaphthalene	46	U	46	75	300	ug/Kg
88-74-4	2-Nitroaniline	72	U	72	75	300	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	75	300	ug/Kg
606-20-2	2,6-Dinitrotoluene	78	U	78	75	300	ug/Kg
208-96-8	Acenaphthylene	56	U	56	75	300	ug/Kg
99-09-2	3-Nitroaniline	78	U	78	150	580	ug/Kg
83-32-9	Acenaphthene	51	U	51	75	300	ug/Kg
51-28-5	2,4-Dinitrophenol	85	U	85	150	580	ug/Kg
100-02-7	4-Nitrophenol	78	U	78	150	580	ug/Kg
132-64-9	Dibenzofuran	56	U	56	75	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	76	U	76	75	300	ug/Kg
84-66-2	Diethylphthalate	53	U	53	75	300	ug/Kg
86-73-7	Fluorene	44	U	44	75	300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	35	U	35	75	300	ug/Kg
100-01-6	4-Nitroaniline	55	U	55	150	580	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	150	580	ug/Kg
86-30-6	N-Nitrosodiphenylamine	58	U	58	75	300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	75	300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51	U	51	75	300	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	75	300	ug/Kg
1912-24-9	Atrazine	130	U	130	150	580	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	150	580	ug/Kg
85-01-8	Phenanthrene	320		51	75	300	ug/Kg
608-93-5	Pentachlorobenzene	92	U	92	75	300	ug/Kg
120-12-7	Anthracene	69	J	44	75	300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	88	U	88	75	300	ug/Kg
86-74-8	Carbazole	49	U	49	150	580	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	75	300	ug/Kg
206-44-0	Fluoranthene	440		95	150	300	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B43	SDG No.:	BP062724
Lab Sample ID:	P2909-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020675.D	1	6/20/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	380		86	75	300	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	75	300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	85	U	85	150	580	ug/Kg
56-55-3	Benzo(a)anthracene	220	J	48	75	300	ug/Kg
218-01-9	Chrysene	240	J	55	75	300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	170	75	300	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	150	580	ug/Kg
205-99-2	Benzo(b)fluoranthene	280	J	58	75	300	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	67	75	300	ug/Kg
50-32-8	Benzo(a)pyrene	210	J	56	75	300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	J	55	75	300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	49	U	49	75	300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	J	46	75	300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58	U	58	75	300	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	13.758		20-120		34	SPK: -40
17647-74-4	1,4-Dioxane-d8	2.894		15-120		36	SPK: -8
4165-62-2	Phenol-d5	16.194		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.506		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.725		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	16.992		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	19.383		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.944		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.832		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.849		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.97		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	18.561		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.604		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	19.085		20-140		48	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B43	SDG No.:	BP062724
Lab Sample ID:	P2909-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020675.D	1	6/20/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.669		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	19.274		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	17.3		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.289		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	243345	7.746				
1146-65-2	Naphthalene-d8	949515	10.516				
15067-26-2	Acenaphthene-d10	583967	14.386				
1517-22-2	Phenanthrene-d10	997084	17.198				
1719-03-5	Chrysene-d12	816335	21.668				
1520-96-3	Perylene-d12	1005620	25.039				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	470	J			3.016	
000057-10-3	n-Hexadecanoic acid	230	J			18.151	
103827-22-1	4a,8-Dimethyl-2-(prop-1-en-2-yl)-1	580	J			21.227	
	(DEL) Alkane: Straight-Chain21.333	260	J			21.333	
	(DEL) Alkane: Straight-Chain22.574	250	J			22.574	
097232-74-1	1,6,10,14,18,22-Tetracosahexaen-3-	120	J			23.503	
E966796	Total Alkanes	510				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B45	SDG No.:	BP062724
Lab Sample ID:	P2909-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	69.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020676.D	1	6/20/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	36	U	36	21.4	220	ug/Kg
100-52-7	Benzaldehyde	150	U	150	270	1100	ug/Kg
110-86-1	Pyridine	110	U	110	540	1100	ug/Kg
108-95-2	Phenol	140	U	140	270	1100	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	130	U	130	270	1100	ug/Kg
95-57-8	2-Chlorophenol	75	U	75	140	550	ug/Kg
95-48-7	2-Methylphenol	130	U	130	270	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	190	U	190	270	1100	ug/Kg
98-86-2	Acetophenone	130	U	130	270	1100	ug/Kg
106-44-5	4-Methylphenol	120	U	120	270	1100	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	170	U	170	140	550	ug/Kg
67-72-1	Hexachloroethane	58	U	58	140	550	ug/Kg
98-95-3	Nitrobenzene	100	U	100	140	550	ug/Kg
78-59-1	Isophorone	160	U	160	140	550	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	550	ug/Kg
105-67-9	2,4-Dimethylphenol	81	U	81	140	550	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	140	U	140	140	550	ug/Kg
120-83-2	2,4-Dichlorophenol	52	U	52	140	550	ug/Kg
91-20-3	Naphthalene	81	U	81	140	550	ug/Kg
106-47-8	4-Chloroaniline	78	U	78	140	1100	ug/Kg
87-68-3	Hexachlorobutadiene	140	U	140	140	550	ug/Kg
105-60-2	Caprolactam	230	U	230	270	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	160	U	160	140	550	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	140	550	ug/Kg
91-57-6	2-Methylnaphthalene	75	U	75	140	550	ug/Kg
77-47-4	Hexachlorocyclopentadiene	310	U	310	270	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	160	U	160	140	550	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	U	130	140	550	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B45	SDG No.:	BP062724
Lab Sample ID:	P2909-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	69.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020676.D	1	6/20/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	78	U	78	140	550	ug/Kg
91-58-7	2-Chloronaphthalene	84	U	84	140	550	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	140	550	ug/Kg
131-11-3	Dimethylphthalate	94	U	94	140	550	ug/Kg
606-20-2	2,6-Dinitrotoluene	140	U	140	140	550	ug/Kg
208-96-8	Acenaphthylene	100	U	100	140	550	ug/Kg
99-09-2	3-Nitroaniline	140	U	140	270	1100	ug/Kg
83-32-9	Acenaphthene	94	U	94	140	550	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	270	1100	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	270	1100	ug/Kg
132-64-9	Dibenzofuran	100	U	100	140	550	ug/Kg
121-14-2	2,4-Dinitrotoluene	140	U	140	140	550	ug/Kg
84-66-2	Diethylphthalate	97	U	97	140	550	ug/Kg
86-73-7	Fluorene	81	U	81	140	550	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	65	U	65	140	550	ug/Kg
100-01-6	4-Nitroaniline	100	U	100	270	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	250	U	250	270	1100	ug/Kg
86-30-6	N-Nitrosodiphenylamine	110	U	110	140	550	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	78	U	78	140	550	ug/Kg
101-55-3	4-Bromophenyl-phenylether	94	U	94	140	550	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	140	550	ug/Kg
1912-24-9	Atrazine	230	U	230	270	1100	ug/Kg
87-86-5	Pentachlorophenol	240	U	240	270	1100	ug/Kg
85-01-8	Phenanthrene	150	J	94	140	550	ug/Kg
608-93-5	Pentachlorobenzene	170	U	170	140	550	ug/Kg
120-12-7	Anthracene	81	U	81	140	550	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	160	U	160	140	550	ug/Kg
86-74-8	Carbazole	91	U	91	270	1100	ug/Kg
84-74-2	Di-n-butylphthalate	200	U	200	140	550	ug/Kg
206-44-0	Fluoranthene	250	J	180	270	550	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B45	SDG No.:	BP062724
Lab Sample ID:	P2909-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	69.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020676.D	1	6/20/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	230	J	160	140	550	ug/Kg
85-68-7	Butylbenzylphthalate	270	U	270	140	550	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	270	1100	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	88	140	550	ug/Kg
218-01-9	Chrysene	180	J	100	140	550	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	310	U	310	140	550	ug/Kg
117-84-0	Di-n-octyl phthalate	250	U	250	270	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	220	J	110	140	550	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	U	120	140	550	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	100	140	550	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	140	550	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	91	U	91	140	550	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	84	140	550	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	140	550	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.561		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	15.679		20-120		39	SPK: -40
4165-62-2	Phenol-d5	19.598		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.527		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.785		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	19.935		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	22.919		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.57		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.829		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.046		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.399		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	22.396		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.264		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	22.013		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B45	SDG No.:	BP062724
Lab Sample ID:	P2909-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	69.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020676.D	1	6/20/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.798		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	22.731		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	19.424		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.096		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	229117	7.752				
1146-65-2	Naphthalene-d8	877792	10.516				
15067-26-2	Acenaphthene-d10	483881	14.387				
1517-22-2	Phenanthrene-d10	815914	17.204				
1719-03-5	Chrysene-d12	876185	21.657				
1520-96-3	Perylene-d12	1084128	25.045				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	480	J			18.133	
346612-51-9	Pyrimidine-4,6-dione, hexahydro-3-	550	J			21.18	
074339-54-1	Trichloroacetic acid, hexadecyl es	1000	J			21.321	
077899-03-7	1-Heneicosyl formate	2200	J			22.58	
000638-66-4	Octadecanal	880	J			23.692	
	(DEL) Alkane: Straight-Chain24.192	1400	J			24.192	
1000130-97-9	E-15-Heptadecenal	1100	J			24.245	
072934-04-4	Nonacosanal	3500	J			25.762	
	(DEL) Alkane: Straight-Chain24.609	1200	J			26.409	
002004-39-9	1-Heptacosanol	820	J			26.556	
E966796	Total Alkanes	2600				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B46	SDG No.:	BP062724
Lab Sample ID:	P2909-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	69.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020677.D	1	6/20/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	36	U	36	21.9	220	ug/Kg
100-52-7	Benzaldehyde	150	U	150	270	1100	ug/Kg
110-86-1	Pyridine	110	U	110	550	1100	ug/Kg
108-95-2	Phenol	140	U	140	270	1100	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	130	U	130	270	1100	ug/Kg
95-57-8	2-Chlorophenol	76	U	76	140	560	ug/Kg
95-48-7	2-Methylphenol	130	U	130	270	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	200	U	200	270	1100	ug/Kg
98-86-2	Acetophenone	130	U	130	270	1100	ug/Kg
106-44-5	4-Methylphenol	120	U	120	270	1100	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	170	U	170	140	560	ug/Kg
67-72-1	Hexachloroethane	60	U	60	140	560	ug/Kg
98-95-3	Nitrobenzene	100	U	100	140	560	ug/Kg
78-59-1	Isophorone	160	U	160	140	560	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	560	ug/Kg
105-67-9	2,4-Dimethylphenol	83	U	83	140	560	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	140	U	140	140	560	ug/Kg
120-83-2	2,4-Dichlorophenol	53	U	53	140	560	ug/Kg
91-20-3	Naphthalene	83	U	83	140	560	ug/Kg
106-47-8	4-Chloroaniline	79	U	79	140	1100	ug/Kg
87-68-3	Hexachlorobutadiene	150	U	150	140	560	ug/Kg
105-60-2	Caprolactam	240	U	240	270	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	160	U	160	140	560	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	140	560	ug/Kg
91-57-6	2-Methylnaphthalene	76	U	76	140	560	ug/Kg
77-47-4	Hexachlorocyclopentadiene	310	U	310	270	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	160	U	160	140	560	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	U	130	140	560	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B46	SDG No.:	BP062724
Lab Sample ID:	P2909-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	69.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020677.D	1	6/20/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	79	U	79	140	560	ug/Kg
91-58-7	2-Chloronaphthalene	86	U	86	140	560	ug/Kg
88-74-4	2-Nitroaniline	140	U	140	140	560	ug/Kg
131-11-3	Dimethylphthalate	96	U	96	140	560	ug/Kg
606-20-2	2,6-Dinitrotoluene	150	U	150	140	560	ug/Kg
208-96-8	Acenaphthylene	110	U	110	140	560	ug/Kg
99-09-2	3-Nitroaniline	150	U	150	270	1100	ug/Kg
83-32-9	Acenaphthene	96	U	96	140	560	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	270	1100	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	270	1100	ug/Kg
132-64-9	Dibenzofuran	110	U	110	140	560	ug/Kg
121-14-2	2,4-Dinitrotoluene	140	U	140	140	560	ug/Kg
84-66-2	Diethylphthalate	99	U	99	140	560	ug/Kg
86-73-7	Fluorene	83	U	83	140	560	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	66	U	66	140	560	ug/Kg
100-01-6	4-Nitroaniline	100	U	100	270	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	250	U	250	270	1100	ug/Kg
86-30-6	N-Nitrosodiphenylamine	110	U	110	140	560	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	79	U	79	140	560	ug/Kg
101-55-3	4-Bromophenyl-phenylether	96	U	96	140	560	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	140	560	ug/Kg
1912-24-9	Atrazine	240	U	240	270	1100	ug/Kg
87-86-5	Pentachlorophenol	250	U	250	270	1100	ug/Kg
85-01-8	Phenanthrene	96	U	96	140	560	ug/Kg
608-93-5	Pentachlorobenzene	170	U	170	140	560	ug/Kg
120-12-7	Anthracene	83	U	83	140	560	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	170	U	170	140	560	ug/Kg
86-74-8	Carbazole	93	U	93	270	1100	ug/Kg
84-74-2	Di-n-butylphthalate	200	U	200	140	560	ug/Kg
206-44-0	Fluoranthene	180	U	180	270	560	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B46	SDG No.:	BP062724
Lab Sample ID:	P2909-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	69.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020677.D	1	6/20/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	160	U	160	140	560	ug/Kg
85-68-7	Butylbenzylphthalate	280	U	280	140	560	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	270	1100	ug/Kg
56-55-3	Benzo(a)anthracene	89	U	89	140	560	ug/Kg
218-01-9	Chrysene	100	U	100	140	560	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	320	U	320	140	560	ug/Kg
117-84-0	Di-n-octyl phthalate	250	U	250	270	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	110	140	560	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	U	130	140	560	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	140	560	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	140	560	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	93	U	93	140	560	ug/Kg
191-24-2	Benzo(g,h,i)perylene	86	U	86	140	560	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	140	560	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.749		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	16.649		20-120		42	SPK: -40
4165-62-2	Phenol-d5	20.215		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.856		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.449		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	20.411		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	24.266		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.488		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.483		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.835		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.777		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	25.095		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.505		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	26.4		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B46	SDG No.:	BP062724
Lab Sample ID:	P2909-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	69.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020677.D	1	6/20/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.525		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	26.2		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	22.506		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.688		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	165322	7.746				
1146-65-2	Naphthalene-d8	613343	10.516				
15067-26-2	Acenaphthene-d10	340203	14.381				
1517-22-2	Phenanthrene-d10	680551	17.192				
1719-03-5	Chrysene-d12	766782	21.651				
1520-96-3	Perylene-d12	977761	25.033				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	440	J			3.011	
000057-10-3	n-Hexadecanoic acid	480	J			18.128	
	(DEL) Alkane: Straight-Chain	21.322	J			21.322	
004860-03-1	Hexadecane, 1-chloro-	450	J			22.563	
	(DEL) Alkane: Straight-Chain	24.180	J			24.18	
022725-64-0	Octacosanal	1500	J			25.757	
E966796	Total Alkanes	1100				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	SLCS557	SDG No.:	BP062724
Lab Sample ID:	PB161557BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020678.D	1	6/18/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161557

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.6		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	31		1.1	5	10	ug/L
110-86-1	Pyridine	24		1.7	10	10	ug/L
108-95-2	Phenol	30		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	28		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	30		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	29		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	26		1.9	5	10	ug/L
98-86-2	Acetophenone	29		1.5	5	10	ug/L
106-44-5	4-Methylphenol	29		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	27		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	29		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	28		1.4	2.5	5	ug/L
78-59-1	Isophorone	28		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	35		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	21		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	28		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	32		1.1	2.5	5	ug/L
91-20-3	Naphthalene	29		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	26		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	30		1.5	2.5	5	ug/L
105-60-2	Caprolactam	35		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	32		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	29		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	30		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	17		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	30		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	33		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	SLCS557	SDG No.:	BP062724
Lab Sample ID:	PB161557BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020678.D	1	6/18/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161557

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	29		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	35		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	31		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	36		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	29		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	39		1.6	5	10	ug/L
83-32-9	Acenaphthene	29		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	34		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	35		1.4	5	10	ug/L
132-64-9	Dibenzofuran	30		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	38		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	32		1.3	2.5	5	ug/L
86-73-7	Fluorene	30		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	31		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	42		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	32		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	29		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	30		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	30		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	31		1.2	2.5	5	ug/L
1912-24-9	Atrazine	8.6	J	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	28		1.9	5	10	ug/L
85-01-8	Phenanthrene	29		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	29		1.7	2.5	5	ug/L
120-12-7	Anthracene	28		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	28		1.7	2.5	5	ug/L
86-74-8	Carbazole	31		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	33		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	34		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	SLCS557	SDG No.:	BP062724
Lab Sample ID:	PB161557BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020678.D	1	6/18/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161557

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	33		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	40		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	28		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	30		1.1	2.5	5	ug/L
218-01-9	Chrysene	30		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	36		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	35		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	30		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	30		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	28		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	31		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	31		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	30		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	32		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.839		15-120		73	SPK: -8
7291-22-7	Pyridine-d5	24.014		20-120		60	SPK: -40
4165-62-2	Phenol-d5	29.376		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.09		25-120		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.823		20-130		72	SPK: -40
190780-66-6	4-Methylphenol-d8	29.251		25-125		73	SPK: -40
4165-60-0	Nitrobenzene-d5	31.567		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.046		20-130		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.218		20-120		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.103		1-146		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.855		25-130		80	SPK: -40
93951-97-4	Acenaphthylene-d8	29.797		10-130		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	36.403		10-150		91	SPK: -40
81103-79-9	Fluorene-d10	31.956		25-125		80	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	SLCS557	SDG No.:	BP062724
Lab Sample ID:	PB161557BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020678.D	1	6/18/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161557

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.648		10-130		82	SPK: -40
1719-06-8	Anthracene-d10	28.939		25-130		72	SPK: -40
1718-52-1	Pyrene-d10	34.247		15-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.431		20-130		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	265732	7.752				
1146-65-2	Naphthalene-d8	1108762	10.522				
15067-26-2	Acenaphthene-d10	732847	14.387				
1517-22-2	Phenanthrene-d10	1523595	17.204				
1719-03-5	Chrysene-d12	1024676	21.657				
1520-96-3	Perylene-d12	1125966	25.039				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	SLCS614	SDG No.:	BP062724
Lab Sample ID:	PB161614BS	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
BP020679.D	1	6/20/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	350		11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1300		45	82.5	330	ug/Kg
110-86-1	Pyridine	940		33	170	330	ug/Kg
108-95-2	Phenol	1100		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100		40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1200		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1100		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		60	82.5	330	ug/Kg
98-86-2	Acetophenone	1100		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1200		37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1100		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1100		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1100		31	42.5	170	ug/Kg
78-59-1	Isophorone	1100		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1400		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	760		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1300		16	42.5	170	ug/Kg
91-20-3	Naphthalene	1100		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	1100		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1200		44	42.5	170	ug/Kg
105-60-2	Caprolactam	1300		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	1100		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1200		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	660		95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	SLCS614	SDG No.:	BP062724
Lab Sample ID:	PB161614BS	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
BP020679.D	1	6/20/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1200		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1200		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1400		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	1200		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1100		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1400		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	1100		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	1300		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1200		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1200		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	1200		30	42.5	170	ug/Kg
86-73-7	Fluorene	1100		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1400		31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1300		33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1300		32	42.5	170	ug/Kg
1912-24-9	Atrazine	660		71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	1100		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	1200		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1400		52	42.5	170	ug/Kg
120-12-7	Anthracene	1100		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1300		50	42.5	170	ug/Kg
86-74-8	Carbazole	1100		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1200		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	1200		54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	SLCS614	SDG No.:	BP062724
Lab Sample ID:	PB161614BS	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
BP020679.D	1	6/20/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1200		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1200		27	42.5	170	ug/Kg
218-01-9	Chrysene	1200		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	980		76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	1100		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.972		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	29.147		20-120		73	SPK: -40
4165-62-2	Phenol-d5	35.601		10-130		89	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.856		10-150		82	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.068		15-120		88	SPK: -40
190780-66-6	4-Methylphenol-d8	34.786		10-140		87	SPK: -40
4165-60-0	Nitrobenzene-d5	38.314		10-135		96	SPK: -40
93951-78-1	2-Nitrophenol-d4	43.704		10-120		109	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	38.494		10-140		96	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.947		1-145		85	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.211		10-145		96	SPK: -40
93951-97-4	Acenaphthylene-d8	35.993		15-120		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	36.938		10-150		92	SPK: -40
81103-79-9	Fluorene-d10	35.902		20-140		90	SPK: -40

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	SLCS614	SDG No.:	BP062724
Lab Sample ID:	PB161614BS	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
BP020679.D	1	6/20/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	41.979		10-130		105	SPK: -40
1719-06-8	Anthracene-d10	35.211		10-150		88	SPK: -40
1718-52-1	Pyrene-d10	36.224		10-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.778		10-140		94	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	233170	7.746				
1146-65-2	Naphthalene-d8	964549	10.522				
15067-26-2	Acenaphthene-d10	607679	14.381				
1517-22-2	Phenanthrene-d10	1041717	17.198				
1719-03-5	Chrysene-d12	682743	21.663				
1520-96-3	Perylene-d12	888848	25.033				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg



Client:				Date Collected:	6/12/2024 12:00:00 AM	
Project:				Date Received:	6/12/2024 12:00:00 AM	
Client Sample ID:	E1G81			SDG No.:	BP062724	
Lab Sample ID:	P2898-02			Matrix:	Water	
Analytical Method:	SFAM_SVOC			% Moisture:	100	
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020680.D	1	6/18/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161557

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

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	E1G81	SDG No.:	BP062724
Lab Sample ID:	P2898-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020680.D	1	6/18/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161557

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

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	E1G81	SDG No.:	BP062724
Lab Sample ID:	P2898-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020680.D	1	6/18/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161557

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.291		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	12.038		20-120		30	SPK: -40
4165-62-2	Phenol-d5	8.372		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.521		25-120		86	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.617		20-130		72	SPK: -40
190780-66-6	4-Methylphenol-d8	19.78		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	40.445		20-125		101	SPK: -40
93951-78-1	2-Nitrophenol-d4	43.763		20-130		109	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.939		20-120		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.963		1-146		85	SPK: -40
85448-30-2	Dimethylphthalate-d6	43.468		25-130		109	SPK: -40
93951-97-4	Acenaphthylene-d8	39.352		10-130		98	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.14		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	42.598		25-125		106	SPK: -40

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	E1G81	SDG No.:	BP062724
Lab Sample ID:	P2898-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020680.D	1	6/18/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161557

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	39.324		10-130		98	SPK: -40
1719-06-8	Anthracene-d10	43.557		25-130		109	SPK: -40
1718-52-1	Pyrene-d10	44.537		15-130		111	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	45.057		20-130		113	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	215395	7.752				
1146-65-2	Naphthalene-d8	887607	10.51				
15067-26-2	Acenaphthene-d10	573551	14.381				
1517-22-2	Phenanthrene-d10	1076137	17.198				
1719-03-5	Chrysene-d12	794452	21.651				
1520-96-3	Perylene-d12	939338	25.021				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	100	J			3.017	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	E1GC2	SDG No.:	BP062724
Lab Sample ID:	P2898-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020681.D	1	6/18/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161557

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

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	E1GC2	SDG No.:	BP062724
Lab Sample ID:	P2898-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020681.D	1	6/18/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161557

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

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	E1GC2	SDG No.:	BP062724
Lab Sample ID:	P2898-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020681.D	1	6/18/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161557

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
7291-22-7	Pyridine-d5	3.687	*	20-120		9	SPK: -40
17647-74-4	1,4-Dioxane-d8	4.007		15-120		50	SPK: -8
4165-62-2	Phenol-d5	6.303		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.797		25-120		84	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.365		20-130		63	SPK: -40
190780-66-6	4-Methylphenol-d8	16.035		25-125		40	SPK: -40
4165-60-0	Nitrobenzene-d5	40.484		20-125		101	SPK: -40
93951-78-1	2-Nitrophenol-d4	41.327		20-130		103	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.834		20-120		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.703		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	45.664		25-130		114	SPK: -40
93951-97-4	Acenaphthylene-d8	40.424		10-130		101	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.307		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	42.377		25-125		106	SPK: -40

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	E1GC2	SDG No.:	BP062724
Lab Sample ID:	P2898-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020681.D	1	6/18/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161557

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.489		10-130		91	SPK: -40
1719-06-8	Anthracene-d10	44.219		25-130		111	SPK: -40
1718-52-1	Pyrene-d10	41.576		15-130		104	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	46.558		20-130		116	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	221168	7.751				
1146-65-2	Naphthalene-d8	875851	10.516				
15067-26-2	Acenaphthene-d10	526021	14.38				
1517-22-2	Phenanthrene-d10	967128	17.198				
1719-03-5	Chrysene-d12	840619	21.656				
1520-96-3	Perylene-d12	1002484	25.039				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	80	J			3.016	
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	2.5	J			13.216	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	3.4	J			17.898	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	E1G83	SDG No.:	BP062724
Lab Sample ID:	P2898-05	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020682.D	1	6/18/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161557

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

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	E1G83	SDG No.:	BP062724
Lab Sample ID:	P2898-05	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020682.D	1	6/18/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161557

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

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	E1G83	SDG No.:	BP062724
Lab Sample ID:	P2898-05	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020682.D	1	6/18/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161557

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.028		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	11.037		20-120		28	SPK: -40
4165-62-2	Phenol-d5	9.705		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	39.07		25-120		98	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.882		20-130		82	SPK: -40
190780-66-6	4-Methylphenol-d8	22.065		25-125		55	SPK: -40
4165-60-0	Nitrobenzene-d5	46.31		20-125		116	SPK: -40
93951-78-1	2-Nitrophenol-d4	50.559		20-130		126	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	39.729		20-120		99	SPK: -40
191656-33-4	4-Chloroaniline-d4	35.473		1-146		89	SPK: -40
85448-30-2	Dimethylphthalate-d6	47.489		25-130		119	SPK: -40
93951-97-4	Acenaphthylene-d8	42.093		10-130		105	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.891		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	44.494		25-125		111	SPK: -40

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	E1G83	SDG No.:	BP062724
Lab Sample ID:	P2898-05	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020682.D	1	6/18/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161557

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	44.039		10-130		110	SPK: -40
1719-06-8	Anthracene-d10	45.738		25-130		114	SPK: -40
1718-52-1	Pyrene-d10	41.577		15-130		104	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	48.097		20-130		120	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	220877	7.746				
1146-65-2	Naphthalene-d8	890647	10.522				
15067-26-2	Acenaphthene-d10	548983	14.375				
1517-22-2	Phenanthrene-d10	966793	17.198				
1719-03-5	Chrysene-d12	842725	21.657				
1520-96-3	Perylene-d12	1013641	25.033				
TENTATIVE IDENTIFIED COMPOUNDS							
000065-85-0	Benzoic acid	2.9	J			9.793	
000057-10-3	n-Hexadecanoic acid	3.9	J			18.134	
000057-11-4	Octadecanoic acid	3.1	J			19.475	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	E1G84	SDG No.:	BP062724
Lab Sample ID:	P2898-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020683.D	1	6/18/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161557

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

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	E1G84	SDG No.:	BP062724
Lab Sample ID:	P2898-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020683.D	1	6/18/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161557

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

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	E1G84	SDG No.:	BP062724
Lab Sample ID:	P2898-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020683.D	1	6/18/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161557

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.575		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	5.018	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	8.203		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.768		25-120		89	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.903		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	19.628		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	41.102		20-125		103	SPK: -40
93951-78-1	2-Nitrophenol-d4	45.477		20-130		114	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.154		20-120		93	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.106		1-146		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	43.623		25-130		109	SPK: -40
93951-97-4	Acenaphthylene-d8	39.361		10-130		98	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.148		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	42.975		25-125		107	SPK: -40

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	E1G84	SDG No.:	BP062724
Lab Sample ID:	P2898-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020683.D	1	6/18/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161557

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	38.987		10-130		97	SPK: -40
1719-06-8	Anthracene-d10	42.052		25-130		105	SPK: -40
1718-52-1	Pyrene-d10	46.345		15-130		116	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.183		20-130		108	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	208979	7.752				
1146-65-2	Naphthalene-d8	880270	10.522				
15067-26-2	Acenaphthene-d10	580226	14.375				
1517-22-2	Phenanthrene-d10	1179003	17.192				
1719-03-5	Chrysene-d12	798840	21.645				
1520-96-3	Perylene-d12	890642	25.015				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	100	J			3.011	
000057-55-6	Propylene Glycol	2.6	J			3.54	
000104-76-7	1-Hexanol, 2-ethyl-	10	J			7.805	
000065-85-0	Benzoic acid	2	J			9.799	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	2.5	J			10.299	
000112-05-0	Nonanoic acid	4.1	J			11.328	
000057-10-3	n-Hexadecanoic acid	2.9	J			18.122	
1000324-60-5	Adipic acid, butyl 3-pentyl ester	2.3	J			19.61	
000106-14-9	12-Hydroxystearic acid	2.8	J			20.592	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	SBLK614	SDG No.:	BP062724
Lab Sample ID:	PB161614BL	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
BP020685.D	1	6/20/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161614

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:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	SBLK614	SDG No.:	BP062724
Lab Sample ID:	PB161614BL	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
BP020685.D	1	6/20/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161614

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:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	SBLK614	SDG No.:	BP062724
Lab Sample ID:	PB161614BL	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
BP020685.D	1	6/20/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.178		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	26.048		20-120		65	SPK: -40
4165-62-2	Phenol-d5	27.829		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.698		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.021		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	28.439		10-140		71	SPK: -40
4165-60-0	Nitrobenzene-d5	30.705		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.952		10-120		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.223		10-140		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.467		1-145		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.568		10-145		79	SPK: -40
93951-97-4	Acenaphthylene-d8	29.181		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.561		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	30.129		20-140		75	SPK: -40

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	SBLK614	SDG No.:	BP062724
Lab Sample ID:	PB161614BL	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
BP020685.D	1	6/20/2024 12:00:00 AM	6/28/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.653		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	29.917		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	31.299		10-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.738		10-140		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	332701	7.752				
1146-65-2	Naphthalene-d8	1389136	10.522				
15067-26-2	Acenaphthene-d10	897720	14.381				
1517-22-2	Phenanthrene-d10	1700334	17.192				
1719-03-5	Chrysene-d12	1211968	21.651				
1520-96-3	Perylene-d12	1432059	25.015				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP062724

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : E1G81								
P2898-02	E1G81	Water	Butane, 2-methoxy-2-methyl-	*	100.000	J		
P2898-02	E1G81	Water	Total Alkanes	*	0.000	1.1	5	ug/L
Total Tics :						100.00		
Total Concentration:						100.00		
Client ID : E1GC2								
P2898-04	E1GC2	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	3.400	J		
P2898-04	E1GC2	Water	Butane, 2-methoxy-2-methyl-	*	80.000	J		
P2898-04	E1GC2	Water	Phenol, 4-(1,1-dimethylpropyl)-	*	2.500	J		
P2898-04	E1GC2	Water	Total Alkanes	*	0.000	1.1	5	ug/L
Total Tics :						85.90		
Total Concentration:						85.90		
Client ID : E1G83								
P2898-05	E1G83	Water	Benzoic acid	*	2.900	J		
P2898-05	E1G83	Water	n-Hexadecanoic acid	*	3.900	J		
P2898-05	E1G83	Water	Octadecanoic acid	*	3.100	J		
P2898-05	E1G83	Water	Total Alkanes	*	0.000	1.1	5	ug/L
Total Tics :						9.90		
Total Concentration:						9.90		
Client ID : E1G84								
P2898-06	E1G84	Water	1-Hexanol, 2-ethyl-	*	10.000	J		
P2898-06	E1G84	Water	12-Hydroxystearic acid	*	2.800	J		
P2898-06	E1G84	Water	Adipic acid, butyl 3-pentyl ester	*	2.300	J		
P2898-06	E1G84	Water	Benzoic acid	*	2.000	J		
P2898-06	E1G84	Water	Butane, 2-methoxy-2-methyl-	*	100.000	J		
P2898-06	E1G84	Water	Ethanol, 2-(2-butoxyethoxy)-	*	2.500	J		
P2898-06	E1G84	Water	n-Hexadecanoic acid	*	2.900	J		
P2898-06	E1G84	Water	Nonanoic acid	*	4.100	J		
P2898-06	E1G84	Water	Propylene Glycol	*	2.600	J		
P2898-06	E1G84	Water	Total Alkanes	*	0.000	1.1	5	ug/L
Total Tics :						129.20		
Total Concentration:						129.20		
Client ID : A4B75								
P2909-01	A4B75	Solid	(DEL) Alkane: Straight-Chain24.1	*	820.000	J		
P2909-01	A4B75	Solid	(DEL) Alkane: Straight-Chain26.4	*	560.000	J		
P2909-01	A4B75	Solid	Butane, 2-methoxy-2-methyl-	*	2,500.000	J		
P2909-01	A4B75	Solid	n-Hexadecanoic acid	*	500.000	J		

Hit Summary Sheet SW-846

SDG No.: BP062724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2909-01	A4B75	Solid	n-Nonadecanol-1	*	590.000	J		
P2909-01	A4B75	Solid	Octacosyl trifluoroacetate	*	450.000	J		
P2909-01	A4B75	Solid	Octadecanoic acid	*	300.000	J		
P2909-01	A4B75	Solid	Oxirane, hexadecyl-	*	880.000	J		
P2909-01	A4B75	Solid	unknown-01	*	290.000	J		
P2909-01	A4B75	Solid	Total Alkanes	*	1,400.000	49	350	ug/Kg
Total Tics :				8,290.00				
P2909-01	A4B75	Solid	Anthracene		76.000	J 51	350	ug/Kg
P2909-01	A4B75	Solid	Benzo(a)anthracene		240.000	J 55	350	ug/Kg
P2909-01	A4B75	Solid	Benzo(a)pyrene		140.000	J 65	350	ug/Kg
P2909-01	A4B75	Solid	Benzo(b)fluoranthene		350.000	67	350	ug/Kg
P2909-01	A4B75	Solid	Benzo(k)fluoranthene		130.000	J 77	350	ug/Kg
P2909-01	A4B75	Solid	Chrysene		310.000	J 63	350	ug/Kg
P2909-01	A4B75	Solid	Fluoranthene		520.000	110	350	ug/Kg
P2909-01	A4B75	Solid	Indeno(1,2,3-cd)pyrene		110.000	J 63	350	ug/Kg
P2909-01	A4B75	Solid	Phenanthrene		360.000	59	350	ug/Kg
P2909-01	A4B75	Solid	Pyrene		370.000	100	350	ug/Kg
Total Svoc :				2,606.00				
Total Concentration:				10,896.00				

Client ID : A4B76

P2909-02	A4B76	Solid	1,1-Biphenyl, 2,2,3,5-tetrachlo	*	94.000	J		
P2909-02	A4B76	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	140.000	J		
P2909-02	A4B76	Solid	Butane, 2-methoxy-2-methyl-	*	1,700.000	J		
P2909-02	A4B76	Solid	Furan, tetrahydro-2-(methoxymetl	*	150.000	J		
P2909-02	A4B76	Solid	n-Hexadecanoic acid	*	380.000	J		
P2909-02	A4B76	Solid	Octadecanoic acid	*	230.000	J		
P2909-02	A4B76	Solid	Silane, tetramethyl-	*	190.000	J		
P2909-02	A4B76	Solid	unknown-01	*	140.000	J		
P2909-02	A4B76	Solid	Total Alkanes	*	0.000	32	230	ug/Kg
Total Tics :				3,024.00				
P2909-02	A4B76	Solid	Acenaphthylene		80.000	J 42	230	ug/Kg
P2909-02	A4B76	Solid	Anthracene		65.000	J 33	230	ug/Kg
P2909-02	A4B76	Solid	Benzo(a)anthracene		150.000	J 36	230	ug/Kg
P2909-02	A4B76	Solid	Benzo(a)pyrene		130.000	J 42	230	ug/Kg
P2909-02	A4B76	Solid	Benzo(b)fluoranthene		260.000	44	230	ug/Kg
P2909-02	A4B76	Solid	Benzo(k)fluoranthene		92.000	J 50	230	ug/Kg
P2909-02	A4B76	Solid	Chrysene		190.000	J 41	230	ug/Kg
P2909-02	A4B76	Solid	Fluoranthene		270.000	72	230	ug/Kg
P2909-02	A4B76	Solid	Indeno(1,2,3-cd)pyrene		110.000	J 41	230	ug/Kg
P2909-02	A4B76	Solid	Phenanthrene		180.000	J 38	230	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP062724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2909-02	A4B76	Solid	Pyrene	240.000		65	230	ug/Kg
Total Svoc :						1,767.00		
Total Concentration:						4,791.00		
Client ID : A4B78								
P2909-03	A4B78	Solid	(DEL) Alkane: Straight-Chain18.8 *	100.000	J			
P2909-03	A4B78	Solid	(DEL) Alkane: Straight-Chain20.2 *	200.000	J			
P2909-03	A4B78	Solid	(DEL) Alkane: Straight-Chain20.7 *	230.000	J			
P2909-03	A4B78	Solid	(DEL) Alkane: Straight-Chain24.1 *	230.000	J			
P2909-03	A4B78	Solid	11,13-Dimethyl-12-tetradecen-1-o *	170.000	J			
P2909-03	A4B78	Solid	2-Methyl-3-[(1S,2S)-1,3,3-trimeth *	89.000	J			
P2909-03	A4B78	Solid	Butane, 2-methoxy-2-methyl- *	510.000	J			
P2909-03	A4B78	Solid	cis-6-Ethyl-cis-4a,trans-8a-perhyd *	89.000	J			
P2909-03	A4B78	Solid	E-15-Heptadecenal *	410.000	J			
P2909-03	A4B78	Solid	n-Hexadecanoic acid *	370.000	J			
P2909-03	A4B78	Solid	Octadecanoic acid *	220.000	J			
P2909-03	A4B78	Solid	trans-Sinapaldehyde *	410.000	J			
P2909-03	A4B78	Solid	Trifluoroacetoxy hexadecane *	490.000	J			
P2909-03	A4B78	Solid	unknown-01 *	490.000	J			
P2909-03	A4B78	Solid	unknown-02 *	98.000	J			
P2909-03	A4B78	Solid	Total Alkanes *	760.000		30	210	ug/Kg
Total Tics :						4,866.00		
P2909-03	A4B78	Solid	Benzo(a)anthracene	66.000	J	34	210	ug/Kg
P2909-03	A4B78	Solid	Benzo(a)pyrene	70.000	J	40	210	ug/Kg
P2909-03	A4B78	Solid	Benzo(b)fluoranthene	91.000	J	42	210	ug/Kg
P2909-03	A4B78	Solid	Benzo(g,h,i)perylene	55.000	J	33	210	ug/Kg
P2909-03	A4B78	Solid	Chrysene	77.000	J	39	210	ug/Kg
P2909-03	A4B78	Solid	Fluoranthene	130.000	J	68	210	ug/Kg
P2909-03	A4B78	Solid	Phenanthrene	80.000	J	37	210	ug/Kg
P2909-03	A4B78	Solid	Pyrene	110.000	J	62	210	ug/Kg
Total Svoc :						679.00		
Total Concentration:						5,545.00		
Client ID : A4B81								
P2909-04	A4B81	Solid	(DEL) Alkane: Straight-Chain21.2 *	400.000	J			
P2909-04	A4B81	Solid	(DEL) Alkane: Straight-Chain21.4 *	270.000	J			
P2909-04	A4B81	Solid	[1,2,4]Oxadiazole, 3-(5-bromofur; *	350.000	J			
P2909-04	A4B81	Solid	1,1,6-trimethyl-3-methylene-2-(3, *	290.000	J			
P2909-04	A4B81	Solid	11-Hexacosyne *	310.000	J			
P2909-04	A4B81	Solid	5-Bromo-4-oxo-4,5,6,7-tetrahydra *	280.000	J			
P2909-04	A4B81	Solid	Butane, 2-methoxy-2-methyl- *	2,700.000	J			

Hit Summary Sheet SW-846

SDG No.: BP062724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2909-04	A4B81	Solid	n-Hexadecanoic acid	*	470.000	J		
P2909-04	A4B81	Solid	Octadecanoic acid	*	260.000	J		
P2909-04	A4B81	Solid	Total Alkanes	*	670.000		62	440 ug/Kg
Total Tics :				6,000.00				
P2909-04	A4B81	Solid	Benzo(a)anthracene		140.000	J	70	440 ug/Kg
P2909-04	A4B81	Solid	Benzo(a)pyrene		140.000	J	82	440 ug/Kg
P2909-04	A4B81	Solid	Benzo(b)fluoranthene		210.000	J	85	440 ug/Kg
P2909-04	A4B81	Solid	Benzo(g,h,i)perylene		100.000	J	67	440 ug/Kg
P2909-04	A4B81	Solid	Chrysene		170.000	J	80	440 ug/Kg
P2909-04	A4B81	Solid	Fluoranthene		280.000	J	140	440 ug/Kg
P2909-04	A4B81	Solid	Indeno(1,2,3-cd)pyrene		86.000	J	80	440 ug/Kg
P2909-04	A4B81	Solid	Phenanthrene		180.000	J	75	440 ug/Kg
P2909-04	A4B81	Solid	Pyrene		230.000	J	130	440 ug/Kg
Total Svoc :				1,536.00				
Total Concentration:				7,536.00				
Client ID : A4B84								
P2909-05	A4B84	Solid	3-Penten-2-ol	*	150.000	J		
P2909-05	A4B84	Solid	4H-Cyclopenta[def]phenanthrene	*	360.000	J		
P2909-05	A4B84	Solid	Anthracene, 2-methyl-	*	150.000	J		
P2909-05	A4B84	Solid	Butane, 2-methoxy-2-methyl-	*	2,500.000	J		
P2909-05	A4B84	Solid	D:A-Friedooleanan-3-ol, (3.alpha.	*	800.000	J		
P2909-05	A4B84	Solid	Indeno[1,2-b]quinoxalin-6-one, ox	*	190.000	J		
P2909-05	A4B84	Solid	n-Hexadecanoic acid	*	580.000	J		
P2909-05	A4B84	Solid	Pentadecafluorooctanoic acid, oct	*	430.000	J		
P2909-05	A4B84	Solid	Pyrene, 1-methyl-	*	140.000	J		
P2909-05	A4B84	Solid	Pyrene, 2-methyl-	*	150.000	J		
P2909-05	A4B84	Solid	unknown-01	*	290.000	J		
P2909-05	A4B84	Solid	unknown-02	*	350.000	J		
P2909-05	A4B84	Solid	Total Alkanes	*	0.000		47	330 ug/Kg
Total Tics :				6,090.00				
P2909-05	A4B84	Solid	Acenaphthene		130.000	J	57	330 ug/Kg
P2909-05	A4B84	Solid	Anthracene		340.000		49	330 ug/Kg
P2909-05	A4B84	Solid	Benzo(a)anthracene		850.000		53	330 ug/Kg
P2909-05	A4B84	Solid	Benzo(a)pyrene		390.000		63	330 ug/Kg
P2909-05	A4B84	Solid	Benzo(b)fluoranthene		990.000		65	330 ug/Kg
P2909-05	A4B84	Solid	Benzo(k)fluoranthene		300.000	J	75	330 ug/Kg
P2909-05	A4B84	Solid	Bis(2-ethylhexyl)phthalate		47,000.000	E	190	330 ug/Kg
P2909-05	A4B84	Solid	Carbazole		160.000	J	55	650 ug/Kg
P2909-05	A4B84	Solid	Chrysene		880.000		61	330 ug/Kg
P2909-05	A4B84	Solid	Dibenzo(a,h)anthracene		130.000	J	55	330 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP062724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2909-05	A4B84	Solid	Dibenzofuran	82.000	J	63	330	ug/Kg
P2909-05	A4B84	Solid	Fluoranthene	2,200.000		110	330	ug/Kg
P2909-05	A4B84	Solid	Fluorene	140.000	J	49	330	ug/Kg
P2909-05	A4B84	Solid	Indeno(1,2,3-cd)pyrene	280.000	J	61	330	ug/Kg
P2909-05	A4B84	Solid	Phenanthrene	1,600.000		57	330	ug/Kg
P2909-05	A4B84	Solid	Pyrene	1,300.000		96	330	ug/Kg
Total Svoc :				56,772.00				
Total Concentration:				62,862.00				
Client ID : A4B85								
P2909-08	A4B85	Solid	(DEL) Alkane: Cyclic21.316	*	270.000	J		
P2909-08	A4B85	Solid	1-Phenoxypropan-2-ol	*	88.000	J		
P2909-08	A4B85	Solid	n-Hexadecanoic acid	*	250.000	J		
P2909-08	A4B85	Solid	Octadecanoic acid	*	110.000	J		
P2909-08	A4B85	Solid	Total Alkanes	*	270.000		28	190 ug/Kg
Total Tics :				988.00				
P2909-08	A4B85	Solid	Benzo(a)anthracene		49.000	J	31	190 ug/Kg
P2909-08	A4B85	Solid	Benzo(b)fluoranthene		51.000	J	38	190 ug/Kg
P2909-08	A4B85	Solid	Chrysene		47.000	J	36	190 ug/Kg
P2909-08	A4B85	Solid	Fluoranthene		140.000	J	62	190 ug/Kg
P2909-08	A4B85	Solid	Phenanthrene		130.000	J	33	190 ug/Kg
P2909-08	A4B85	Solid	Pyrene		110.000	J	56	190 ug/Kg
Total Svoc :				527.00				
Total Concentration:				1,515.00				
Client ID : A4CP0								
P2909-11	A4CP0	Solid	(DEL) Alkane: Cyclic21.322	*	330.000	J		
P2909-11	A4CP0	Solid	(DEL) Alkane: Straight-Chain22.5	*	340.000	J		
P2909-11	A4CP0	Solid	(DEL) Alkane: Straight-Chain24.1	*	1,100.000	J		
P2909-11	A4CP0	Solid	(DEL) Alkane: Straight-Chain26.4	*	570.000	J		
P2909-11	A4CP0	Solid	1,1-Biphenyl, 2,2,3,4-tetrachlo	*	170.000	J		
P2909-11	A4CP0	Solid	1,1-Biphenyl, 2,2,6,6-tetrachlo	*	120.000	J		
P2909-11	A4CP0	Solid	1,1-Biphenyl, 2,3,3,5-tetrachlo	*	170.000	J		
P2909-11	A4CP0	Solid	1,1-Biphenyl, 2,3,4,6-tetrachlo	*	190.000	J		
P2909-11	A4CP0	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	260.000	J		
P2909-11	A4CP0	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P2909-11	A4CP0	Solid	2H-Pyran, tetrahydro-2-methyl-	*	200.000	J		
P2909-11	A4CP0	Solid	3-Penten-2-ol	*	150.000	J		
P2909-11	A4CP0	Solid	n-Hexadecanoic acid	*	310.000	J		
P2909-11	A4CP0	Solid	Octadecanoic acid	*	150.000	J		
P2909-11	A4CP0	Solid	unknown-01	*	210.000	J		

Hit Summary Sheet SW-846

SDG No.: BP062724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2909-11	A4CP0	Solid	Total Alkanes	*	2,300.000	38	270	ug/Kg
Total Tics :				6,680.00				
P2909-11	A4CP0	Solid	Benzo(a)anthracene		220.000	J 43	270	ug/Kg
P2909-11	A4CP0	Solid	Benzo(a)pyrene		110.000	J 51	270	ug/Kg
P2909-11	A4CP0	Solid	Benzo(b)fluoranthene		320.000	53	270	ug/Kg
P2909-11	A4CP0	Solid	Benzo(k)fluoranthene		120.000	J 61	270	ug/Kg
P2909-11	A4CP0	Solid	Chrysene		270.000	50	270	ug/Kg
P2909-11	A4CP0	Solid	Fluoranthene		520.000	86	270	ug/Kg
P2909-11	A4CP0	Solid	Indeno(1,2,3-cd)pyrene		95.000	J 50	270	ug/Kg
P2909-11	A4CP0	Solid	Phenanthrene		260.000	J 46	270	ug/Kg
P2909-11	A4CP0	Solid	Pyrene		350.000	78	270	ug/Kg
Total Svoc :				2,265.00				
Total Concentration:				8,945.00				
Client ID : A4CP1								
P2909-12	A4CP1	Solid	(DEL) Alkane: Straight-Chain22.5	*	280.000	J		
P2909-12	A4CP1	Solid	(DEL) Alkane: Straight-Chain24.1	*	490.000	J		
P2909-12	A4CP1	Solid	1,1-Biphenyl, 2,2,4,4-tetrachlo	*	110.000	J		
P2909-12	A4CP1	Solid	1,1-Biphenyl, 2,2,5,5-tetrachlo	*	180.000	J		
P2909-12	A4CP1	Solid	1,1-Biphenyl, 2,2,6,6-tetrachlo	*	130.000	J		
P2909-12	A4CP1	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	300.000	J		
P2909-12	A4CP1	Solid	1,1-Biphenyl, 3,3,4,5-tetrachlo	*	170.000	J		
P2909-12	A4CP1	Solid	1-Phenoxypropan-2-ol	*	120.000	J		
P2909-12	A4CP1	Solid	2,2,3,6-Tetrachloro-1,1-biphenyl	*	200.000	J		
P2909-12	A4CP1	Solid	2- Chloropropionic acid, hexadecy	*	340.000	J		
P2909-12	A4CP1	Solid	2H-Pyran, tetrahydro-2-methyl-	*	210.000	J		
P2909-12	A4CP1	Solid	Butane, 2-methoxy-2-methyl-	*	720.000	J		
P2909-12	A4CP1	Solid	Furan, tetrahydro-2-(methoxymetl	*	150.000	J		
P2909-12	A4CP1	Solid	n-Hexadecanoic acid	*	310.000	J		
P2909-12	A4CP1	Solid	Octadecanoic acid	*	180.000	J		
P2909-12	A4CP1	Solid	unknown-01	*	190.000	J		
P2909-12	A4CP1	Solid	Total Alkanes	*	770.000	37	260	ug/Kg
Total Tics :				4,850.00				
P2909-12	A4CP1	Solid	Benzo(a)anthracene		230.000	J 42	260	ug/Kg
P2909-12	A4CP1	Solid	Benzo(a)pyrene		130.000	J 50	260	ug/Kg
P2909-12	A4CP1	Solid	Benzo(b)fluoranthene		350.000	51	260	ug/Kg
P2909-12	A4CP1	Solid	Benzo(k)fluoranthene		120.000	J 59	260	ug/Kg
P2909-12	A4CP1	Solid	Chrysene		280.000	48	260	ug/Kg
P2909-12	A4CP1	Solid	Dibenzo(a,h)anthracene		56.000	J 44	260	ug/Kg
P2909-12	A4CP1	Solid	Fluoranthene		630.000	84	260	ug/Kg
P2909-12	A4CP1	Solid	Indeno(1,2,3-cd)pyrene		110.000	J 48	260	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP062724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2909-12	A4CP1	Solid	Phenanthrene	280.000		45	260	ug/Kg
P2909-12	A4CP1	Solid	Pyrene	400.000		76	260	ug/Kg
Total Svoc :				2,586.00				
Total Concentration:				7,436.00				
Client ID : A4CP2								
P2909-13	A4CP2	Solid	(DEL) Alkane: Straight-Chain21.3	* 230.000	J			
P2909-13	A4CP2	Solid	Butane, 2-methoxy-2-methyl-	* 1,600.000	J			
P2909-13	A4CP2	Solid	Furan, tetrahydro-2-(methoxymethyl)-	* 100.000	J			
P2909-13	A4CP2	Solid	n-Hexadecanoic acid	* 160.000	J			
P2909-13	A4CP2	Solid	Octadecanoic acid	* 100.000	J			
P2909-13	A4CP2	Solid	unknown-01	* 200.000	J			
P2909-13	A4CP2	Solid	Total Alkanes	* 230.000		31	220	ug/Kg
Total Tics :				2,620.00				
Total Concentration:				2,620.00				
Client ID : A4CP3								
P2909-14	A4CP3	Solid	(DEL) Alkane: Straight-Chain21.3	* 220.000	J			
P2909-14	A4CP3	Solid	Butane, 2-methoxy-2-methyl-	* 1,200.000	J			
P2909-14	A4CP3	Solid	n-Hexadecanoic acid	* 310.000	J			
P2909-14	A4CP3	Solid	Octadecanoic acid	* 110.000	J			
P2909-14	A4CP3	Solid	Total Alkanes	* 220.000		28	200	ug/Kg
Total Tics :				2,060.00				
Total Concentration:				2,060.00				
Client ID : A4B41								
P2909-18	A4B41	Solid	(DEL) Alkane: Cyclic24.233	* 680.000	J			
P2909-18	A4B41	Solid	(DEL) Alkane: Straight-Chain22.5	* 1,600.000	J			
P2909-18	A4B41	Solid	(DEL) Alkane: Straight-Chain24.1	* 2,700.000	J			
P2909-18	A4B41	Solid	(DEL) Alkane: Straight-Chain24.6	* 870.000	J			
P2909-18	A4B41	Solid	(Z)-14-Tricosenyl formate	* 970.000	J			
P2909-18	A4B41	Solid	.gamma.-Sitosterol	* 740.000	J			
P2909-18	A4B41	Solid	1-Phenanthrenemethanol, 1,2,3,4,4a	* 400.000	J			
P2909-18	A4B41	Solid	2H-Pyran, tetrahydro-2-methyl-	* 250.000	J			
P2909-18	A4B41	Solid	3-Buten-2-ol, 2-methyl-	* 210.000	J			
P2909-18	A4B41	Solid	4b,8-Dimethyl-2-isopropylphenanthrene	* 420.000	J			
P2909-18	A4B41	Solid	Butane, 2-methoxy-2-methyl-	* 1,300.000	J			
P2909-18	A4B41	Solid	n-Hexadecanoic acid	* 590.000	J			
P2909-18	A4B41	Solid	Nonacosanal	* 1,100.000	J			
P2909-18	A4B41	Solid	Octadecanoic acid	* 270.000	J			
P2909-18	A4B41	Solid	Octadecyl trifluoroacetate	* 780.000	J			
P2909-18	A4B41	Solid	unknown-01	* 280.000	J			

Hit Summary Sheet SW-846

SDG No.: BP062724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2909-18	A4B41	Solid	Total Alkanes	*	5,900.000	59	420	ug/Kg
Total Tics :				19,060.00				
P2909-18	A4B41	Solid	Anthracene		110.000	J 62	420	ug/Kg
P2909-18	A4B41	Solid	Benzo(a)anthracene		390.000	J 67	420	ug/Kg
P2909-18	A4B41	Solid	Benzo(a)pyrene		200.000	J 79	420	ug/Kg
P2909-18	A4B41	Solid	Benzo(b)fluoranthene		540.000	82	420	ug/Kg
P2909-18	A4B41	Solid	Benzo(k)fluoranthene		200.000	J 94	420	ug/Kg
P2909-18	A4B41	Solid	Chrysene		460.000	77	420	ug/Kg
P2909-18	A4B41	Solid	Fluoranthene		990.000	130	420	ug/Kg
P2909-18	A4B41	Solid	Indeno(1,2,3-cd)pyrene		150.000	J 77	420	ug/Kg
P2909-18	A4B41	Solid	Phenanthrene		560.000	72	420	ug/Kg
P2909-18	A4B41	Solid	Pyrene		630.000	120	420	ug/Kg
Total Svoc :				4,230.00				
Total Concentration:				23,290.00				
Client ID : A4B42								
P2909-19	A4B42	Solid	(DEL) Alkane: Straight-Chain21.3	*	990.000	J		
P2909-19	A4B42	Solid	(DEL) Alkane: Straight-Chain22.5	*	2,100.000	J		
P2909-19	A4B42	Solid	(DEL) Alkane: Straight-Chain24.1	*	2,700.000	J		
P2909-19	A4B42	Solid	(DEL) Alkane: Straight-Chain25.7	*	1,800.000	J		
P2909-19	A4B42	Solid	1-Heneicosanol	*	970.000	J		
P2909-19	A4B42	Solid	2H-Pyran, tetrahydro-2-methyl-	*	180.000	J		
P2909-19	A4B42	Solid	Butane, 2-methoxy-2-methyl-	*	1,300.000	J		
P2909-19	A4B42	Solid	Furan, tetrahydro-2-(methoxymethyl)-	*	210.000	J		
P2909-19	A4B42	Solid	n-Hexadecanoic acid	*	640.000	J		
P2909-19	A4B42	Solid	Octadecanoic acid	*	280.000	J		
P2909-19	A4B42	Solid	Tetradecanal	*	670.000	J		
P2909-19	A4B42	Solid	unknown-01	*	290.000	J		
P2909-19	A4B42	Solid	Total Alkanes	*	7,600.000	55	390	ug/Kg
Total Tics :				19,730.00				
P2909-19	A4B42	Solid	Anthracene		83.000	J 57	390	ug/Kg
P2909-19	A4B42	Solid	Benzo(a)anthracene		380.000	J 62	390	ug/Kg
P2909-19	A4B42	Solid	Benzo(a)pyrene		170.000	J 73	390	ug/Kg
P2909-19	A4B42	Solid	Benzo(b)fluoranthene		540.000	75	390	ug/Kg
P2909-19	A4B42	Solid	Benzo(k)fluoranthene		220.000	J 87	390	ug/Kg
P2909-19	A4B42	Solid	Chrysene		430.000	71	390	ug/Kg
P2909-19	A4B42	Solid	Fluoranthene		920.000	120	390	ug/Kg
P2909-19	A4B42	Solid	Indeno(1,2,3-cd)pyrene		150.000	J 71	390	ug/Kg
P2909-19	A4B42	Solid	Phenanthrene		470.000	66	390	ug/Kg
P2909-19	A4B42	Solid	Pyrene		540.000	110	390	ug/Kg
Total Svoc :				3,903.00				

Hit Summary Sheet SW-846

SDG No.: BP062724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				23,633.00				
Client ID : A4B43								
P2909-20	A4B43	Solid	(DEL) Alkane: Straight-Chain21.3 *	260.000	J			
P2909-20	A4B43	Solid	(DEL) Alkane: Straight-Chain22.4 *	250.000	J			
P2909-20	A4B43	Solid	1,6,10,14,18,22-Tetracosahexaen-1 *	120.000	J			
P2909-20	A4B43	Solid	4a,8-Dimethyl-2-(prop-1-en-2-yl)-2-methyl-2-butanol *	580.000	J			
P2909-20	A4B43	Solid	Butane, 2-methoxy-2-methyl-2-butanol *	470.000	J			
P2909-20	A4B43	Solid	n-Hexadecanoic acid	*	230.000	J		
P2909-20	A4B43	Solid	Total Alkanes	*	510.000		42	300 ug/Kg
Total Tics :				2,420.00				
P2909-20	A4B43	Solid	Anthracene	69.000	J	44	300	ug/Kg
P2909-20	A4B43	Solid	Benzo(a)anthracene	220.000	J	48	300	ug/Kg
P2909-20	A4B43	Solid	Benzo(a)pyrene	210.000	J	56	300	ug/Kg
P2909-20	A4B43	Solid	Benzo(b)fluoranthene	280.000	J	58	300	ug/Kg
P2909-20	A4B43	Solid	Benzo(g,h,i)perylene	140.000	J	46	300	ug/Kg
P2909-20	A4B43	Solid	Benzo(k)fluoranthene	110.000	J	67	300	ug/Kg
P2909-20	A4B43	Solid	Chrysene	240.000	J	55	300	ug/Kg
P2909-20	A4B43	Solid	Fluoranthene	440.000		95	300	ug/Kg
P2909-20	A4B43	Solid	Indeno(1,2,3-cd)pyrene	120.000	J	55	300	ug/Kg
P2909-20	A4B43	Solid	Phenanthrene	320.000		51	300	ug/Kg
P2909-20	A4B43	Solid	Pyrene	380.000		86	300	ug/Kg
Total Svoc :				2,529.00				
Total Concentration:				4,949.00				
Client ID : A4B45								
P2909-21	A4B45	Solid	(DEL) Alkane: Straight-Chain24.1 *	1,400.000	J			
P2909-21	A4B45	Solid	(DEL) Alkane: Straight-Chain24.6 *	1,200.000	J			
P2909-21	A4B45	Solid	1-Heneicosyl formate	*	2,200.000	J		
P2909-21	A4B45	Solid	1-Heptacosanol	*	820.000	J		
P2909-21	A4B45	Solid	E-15-Heptadecenal	*	1,100.000	J		
P2909-21	A4B45	Solid	n-Hexadecanoic acid	*	480.000	J		
P2909-21	A4B45	Solid	Nonacosanal	*	3,500.000	J		
P2909-21	A4B45	Solid	Octadecanal	*	880.000	J		
P2909-21	A4B45	Solid	Pyrimidine-4,6-dione, hexahydro-2,4-dihydro-1,3,5-triazine-2,4,6-trione *	550.000	J			
P2909-21	A4B45	Solid	Trichloroacetic acid, hexadecyl esters	*	1,000.000	J		
P2909-21	A4B45	Solid	Total Alkanes	*	2,600.000		78	550 ug/Kg
Total Tics :				15,730.00				
P2909-21	A4B45	Solid	Benzo(a)anthracene	130.000	J	88	550	ug/Kg
P2909-21	A4B45	Solid	Benzo(a)pyrene	140.000	J	100	550	ug/Kg
P2909-21	A4B45	Solid	Benzo(b)fluoranthene	220.000	J	110	550	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP062724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2909-21	A4B45	Solid	Benzo(g,h,i)perylene	110.000	J	84	550	ug/Kg
P2909-21	A4B45	Solid	Chrysene	180.000	J	100	550	ug/Kg
P2909-21	A4B45	Solid	Fluoranthene	250.000	J	180	550	ug/Kg
P2909-21	A4B45	Solid	Phenanthrene	150.000	J	94	550	ug/Kg
P2909-21	A4B45	Solid	Pyrene	230.000	J	160	550	ug/Kg
Total Svoc :				1,410.00				
Total Concentration:				17,140.00				
Client ID : A4B46								
P2909-22	A4B46	Solid	(DEL) Alkane: Straight-Chain21.3 *	600.000	J			
P2909-22	A4B46	Solid	(DEL) Alkane: Straight-Chain24.1 *	540.000	J			
P2909-22	A4B46	Solid	Butane, 2-methoxy-2-methyl- *	440.000	J			
P2909-22	A4B46	Solid	Hexadecane, 1-chloro- *	450.000	J			
P2909-22	A4B46	Solid	n-Hexadecanoic acid *	480.000	J			
P2909-22	A4B46	Solid	Octacosanal *	1,500.000	J			
P2909-22	A4B46	Solid	Total Alkanes *	1,100.000		79	560	ug/Kg
Total Tics :				5,110.00				
P2909-22	A4B46	Solid	Benzo(b)fluoranthene	150.000	J	110	560	ug/Kg
Total Svoc :				150.00				
Total Concentration:				5,260.00				

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP062524 SAS No.: BP062524 SDG No.: BP062524

Instrument ID: _____ Calibration Date(s): 6/25/2024 : _____

Calibration Time(s): 14:05 _____

LAB FILE ID:		RRFAL1 = BP020637.D		RRFAL2 = BP020638.D		RRFAL3 = BP020639.D		
		RRFAL4 = BP020640.D		RRFAL5 = BP020641.D		RRFAL6 = BP020642.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.558	0.521	0.529	0.517	0.481		0.521	5.3
Benzaldehyde		0.921	0.982	1.000	0.721	0.523	0.830	24.6
Pyridine		1.435	1.409	1.448	1.363	1.375	1.406	2.6
Hexachloroethane	0.577	0.587	0.584	0.605	0.572		0.585	2.2
Nitrobenzene	0.360	0.375	0.384	0.408	0.387		0.383	4.6
Isophorone	0.760	0.770	0.754	0.766	0.742		0.758	1.5
2-Nitrophenol	0.134	0.144	0.159	0.180	0.180		0.160	13.0
2,4-Dimethylphenol	0.360	0.370	0.370	0.387	0.370		0.372	2.7
Bis(2-Chloroethoxy)methane	0.461	0.450	0.447	0.463	0.435		0.451	2.5
2,4-Dichlorophenol	0.289	0.292	0.302	0.321	0.303		0.301	4.1
Naphthalene	1.116	1.080	1.063	1.088	1.006		1.070	3.8
4-Chloroaniline		0.420	0.411	0.426	0.415	0.382	0.411	4.1
Hexachlorobutadiene	0.228	0.222	0.224	0.232	0.220		0.225	2.1
Phenol		1.650	1.650	1.769	1.700	1.595	1.673	3.9
Caprolactam		0.088	0.090	0.090	0.101	0.089	0.092	6.0
4-Chloro-3-methylphenol	0.311	0.331	0.330	0.341	0.350		0.333	4.3
1-Methylnaphthalene	0.741	0.743	0.742	0.744	0.694		0.733	2.9
2-Methylnaphthalene	0.720	0.734	0.711	0.728	0.693		0.717	2.2
Hexachlorocyclopentadiene		0.326	0.362	0.426	0.412	0.464	0.398	13.6
2,4,6-Trichlorophenol	0.352	0.372	0.383	0.408	0.391		0.381	5.5
2,4,5-Trichlorophenol	0.352	0.386	0.395	0.425	0.419		0.396	7.3
1,1-Biphenyl	1.529	1.543	1.498	1.549	1.360		1.496	5.3
2-Chloronaphthalene	1.187	1.203	1.181	1.220	1.100		1.178	3.9
2-Nitroaniline	0.241	0.270	0.301	0.329	0.342		0.297	14.0
Bis(2-Chloroethyl)ether		1.417	1.389	1.443	1.364	1.312	1.385	3.6
Dimethylphthalate	1.435	1.452	1.415	1.390	1.390		1.417	1.9
2,6-Dinitrotoluene	0.200	0.238	0.257	0.273	0.295		0.253	14.2
Acenaphthylene	1.893	1.947	1.901	1.896	1.734		1.874	4.3
3-Nitroaniline		0.219	0.237	0.248	0.245	0.225	0.235	5.4
Acenaphthene	1.285	1.293	1.239	1.248	1.151		1.243	4.5
2,4-Dinitrophenol		0.100	0.110	0.121	0.157	0.167	0.131	22.6
4-Nitrophenol		0.171	0.181	0.185	0.209	0.204	0.190	8.4
Dibenzofuran	1.737	1.744	1.670	1.664	1.561		1.675	4.4
2,4-Dinitrotoluene	0.278	0.338	0.359	0.364	0.404		0.349	13.2
Diethylphthalate	1.387	1.438	1.413	1.351	1.397		1.397	2.3
2-Chlorophenol	1.313	1.350	1.333	1.407	1.335		1.348	2.7

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.: BP062524 SAS No.: BP062524 SDG No.: BP062524

Instrument ID: _____ Calibration Date(s): 6/25/2024 : _____

Calibration Time(s): 14:05 _____

LAB FILE ID:		RRFAL1 = BP020637.D		RRFAL2 = BP020638.D		RRFAL3 = BP020639.D		
		RRFAL4 = BP020640.D		RRFAL5 = BP020641.D		RRFAL6 = BP020642.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.420	1.433	1.341	1.313	1.224		1.346	6.3
4-Chlorophenyl-phenylether	0.731	0.740	0.701	0.688	0.652		0.702	5.0
4-Nitroaniline		0.214	0.228	0.237	0.229	0.206	0.223	5.6
4,6-Dinitro-2-methylphenol		0.086	0.096	0.111	0.119	0.128	0.108	15.7
N-Nitrosodiphenylamine	0.602	0.587	0.597	0.621	0.543		0.590	4.9
1,2,4,5-Tetrachlorobenzene	0.636	0.637	0.637	0.679	0.608		0.639	4.0
4-Bromophenyl-phenylether	0.220	0.219	0.220	0.235	0.221		0.223	2.9
Hexachlorobenzene	0.248	0.247	0.248	0.260	0.245		0.250	2.3
Atrazine		0.203	0.202	0.214	0.210	0.211	0.208	2.6
Pentachlorophenol		0.123	0.133	0.148	0.152	0.162	0.144	10.7
2-Methylphenol		1.283	1.271	1.355	1.300	1.209	1.283	4.1
Phenanthrene	1.094	1.087	1.053	1.053	0.951		1.047	5.5
Pentachlorobenzene	0.310	0.299	0.309	0.339	0.291		0.309	5.8
Anthracene	1.127	1.113	1.066	1.096	0.985		1.077	5.3
1,2,3,4-Tetrachlorobenzene	0.319	0.309	0.328	0.369	0.299		0.325	8.2
Carbazole		0.932	0.906	0.898	0.842	0.868	0.889	3.9
Di-n-butylphthalate	1.153	1.166	1.151	1.170	1.133		1.155	1.2
Fluoranthene	1.420	1.422	1.376	1.443	1.676		1.468	8.1
Pyrene	1.484	1.466	1.434	1.491	1.651		1.505	5.6
Butylbenzylphthalate	0.487	0.519	0.539	0.596	0.654		0.559	11.8
3,3-Dichlorobenzidine		0.440	0.444	0.474	0.420	0.432	0.442	4.5
2,2-oxybis(1-Chloropropane)		2.198	2.142	2.218	2.051	1.914	2.105	5.9
Benzo(a)anthracene	1.485	1.428	1.361	1.384	1.352		1.402	3.9
Chrysene	1.436	1.337	1.295	1.312	1.245		1.325	5.3
Bis(2-ethylhexyl)phthalate	0.854	0.826	0.857	0.892	0.910		0.868	3.8
Di-n-octyl phthalate		1.234	1.270	1.301	1.409	1.206	1.284	6.1
Benzo(b)fluoranthene	1.248	1.242	1.194	1.197	1.178		1.212	2.6
Benzo(k)fluoranthene	1.317	1.227	1.171	1.214	1.200		1.226	4.5
Benzo(a)pyrene	1.173	1.140	1.126	1.162	1.118		1.144	2.1
Indeno(1,2,3-cd)pyrene	1.496	1.456	1.406	1.521	1.456		1.467	3.0
Dibenzo(a,h)anthracene	1.210	1.194	1.174	1.264	1.186		1.206	2.9
Benzo(g,h,i)perylene	1.229	1.187	1.147	1.233	1.193		1.198	2.9
Acetophenone		2.238	2.174	2.246	2.091	1.889	2.128	6.9
2,3,4,6-Tetrachlorophenol	0.298	0.330	0.324	0.333	0.349		0.327	5.7
1,4-Dioxane-d8	0.487	0.471	0.467	0.466	0.438		0.466	3.8
Pyridine-d5		1.378	1.337	1.413	1.324	1.334	1.357	2.8

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.: BP062524 SAS No.: BP062524 SDG No.: BP062524
Instrument ID: _____ Calibration Date(s): 6/25/2024 : _____
Calibration Time(s): 14:05 : _____

LAB FILE ID:		RRFAL1 = BP020637.D			RRFAL2 = BP020638.D		RRFAL3 = BP020639.D	
		RRFAL4 = BP020640.D			RRFAL5 = BP020641.D		RRFAL6 = BP020642.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.593	1.615	1.725	1.674	1.595	1.640	3.5
Bis-(2-Chloroethyl)ether-d8		1.057	1.057	1.088	1.024	0.974	1.040	4.2
2-Chlorophenol-d4	1.283	1.323	1.337	1.409	1.352		1.341	3.4
4-Methylphenol-d8		1.325	1.324	1.406	1.365	1.241	1.332	4.6
Nitrobenzene-d5	0.128	0.140	0.151	0.162	0.158		0.148	9.3
2-Nitrophenol-d4	0.123	0.132	0.148	0.166	0.170		0.148	13.8
2,4-Dichlorophenol-d3	0.286	0.287	0.307	0.326	0.315		0.304	5.7
4-Chloroaniline-d4		0.425	0.429	0.442	0.434	0.404	0.427	3.4
4-Methylphenol		1.359	1.357	1.428	1.383	1.266	1.359	4.4
Dimethylphthalate-d6	1.351	1.423	1.416	1.394	1.368		1.391	2.2
Acenaphthylene-d8	1.636	1.691	1.668	1.711	1.591		1.659	2.9
4-Nitrophenol-d4		0.180	0.206	0.208	0.235	0.233	0.212	10.7
Fluorene-d10	1.168	1.216	1.186	1.162	1.118		1.170	3.0
4,6-Dinitro-2-methylphenol-		0.079	0.089	0.102	0.112	0.122	0.101	17.2
Anthracene-d10	0.902	0.912	0.908	0.917	0.848		0.898	3.1
Pyrene-d10	1.111	1.173	1.146	1.205	1.373		1.202	8.5
Benzo(a)pyrene-d12	0.963	0.964	0.968	1.005	0.965		0.973	1.8
N-Nitroso-di-n-propylamine	1.127	1.162	1.123	1.161	1.082		1.131	2.9

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP062724 SAS No.: BP062724 SDG NO.: BP062724

EPA Sample No.: SSTD020639

Date Analyzed: Jun 27 2024 12:00AM

Lab File ID: BP020639.D

Time Analyzed: 11:31

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	164085	7.752	684225	10.52	426295	14.37
	UPPER LIMIT	328170	8.252	1368450	11.022	852590	14.869
	LOWER LIMIT	82042.5	7.252	342112.5	10.022	213147.5	13.869
	EPA SAMPLE NO.						
01	SBLK614	231358	7.75	966444	10.52	645153	14.38
02	A4B75	251771	7.75	952178	10.51	546649	14.37
03	A4B41	254076	7.75	1.03689e	10.52	658633	14.38
04	A4B42	191874	7.74	765828	10.52	491926	14.39
05	A4B84	206733	7.75	812623	10.51	484448	14.38
06	A4B84MS	194424	7.75	814221	10.52	548695	14.38
07	A4B84MSD	179296	7.75	666640	10.52	371479	14.38
08	A4CP0	190161	7.75	749180	10.52	459211	14.38
09	A4CP1	190533	7.74	792809	10.52	521022	14.38
10	A4B85	226294	7.74	946091	10.51	617573	14.38
11	A4CP2	201468	7.74	814682	10.52	507598	14.39
12	A4CP3	187275	7.74	770644	10.52	524664	14.38
13	SBLK716	274495	7.74	1.11695e	10.52	730158	14.38
14	SBLK557	247795	7.75	1.03811e	10.52	696745	14.38
15	A4B76	248077	7.75	884531	10.52	459469	14.38
16	A4B78	200365	7.75	774895	10.52	457779	14.39
17	A4B81	144541	7.75	553631	10.52	337859	14.38
18	A4B43	243345	7.75	949515	10.52	583967	14.39
19	A4B45	229117	7.75	877792	10.52	483881	14.39
20	A4B46	165322	7.75	613343	10.52	340203	14.38
21	SLCS557	265732	7.75	1.10876e	10.52	732847	14.39
22	SLCS614	233170	7.75	964549	10.52	607679	14.38
23	E1G81	215395	7.75	887607	10.51	573551	14.38



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP062724 SAS No.: BP062724 SDG NO.: BP062724

EPA Sample No.: SSTD020639 Date Analyzed: Jun 28 2024 12:00AM

Lab File ID: BP020639.D Time Analyzed: 05:32

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	164085	7.752	684225	10.52	426295	14.37
UPPER LIMIT	328170	8.252	1368450	11.022	852590	14.869
LOWER LIMIT	82042.5	7.252	342112.5	10.022	213147.5	13.869
EPA SAMPLE NO.						
24 E1GC2	221168	7.75	875851	10.52	526021	14.38
25 E1G83	220877	7.75	890647	10.52	548983	14.38
26 E1G84	208979	7.75	880270	10.52	580226	14.38
27 SBLK614	332701 *	7.75	1.38914e *	10.52	897720 *	14.38

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.: BP062724 SAS No.: BP062724 SDG NO.: BP062724

EPA Sample No.: SSTD020660 Date Analyzed: Jun 27 2024 12:00AM

Lab File ID: BP020656.D Time Analyzed: 11:31

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	181227	7.746	746978	10.52	497246	14.38
UPPER LIMIT	362454	8.246	1493956	11.022	994492	14.875
LOWER LIMIT	90613.5	7.246	373489	10.022	248623	13.875
EPA SAMPLE NO.						
01 SBLK614	231358	7.75	966444	10.52	645153	14.38
02 A4B75	251771	7.75	952178	10.51	546649	14.37
03 A4B41	254076	7.75	1.03689e	10.52	658633	14.38
04 A4B42	191874	7.74	765828	10.52	491926	14.39
05 A4B84	206733	7.75	812623	10.51	484448	14.38
06 A4B84MS	194424	7.75	814221	10.52	548695	14.38
07 A4B84MSD	179296	7.75	666640	10.52	371479	14.38
08 A4CP0	190161	7.75	749180	10.52	459211	14.38
09 A4CP1	190533	7.74	792809	10.52	521022	14.38
10 A4B85	226294	7.74	946091	10.51	617573	14.38
11 A4CP2	201468	7.74	814682	10.52	507598	14.39
12 A4CP3	187275	7.74	770644	10.52	524664	14.38

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.: BP062724 SAS No.: BP062724 SDG NO.: BP062724

EPA Sample No.: SSTD020661 Date Analyzed: Jun 27 2024 12:00AM

Lab File ID: BP020669.D Time Analyzed: 21:40

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	250587	7.746	1.03294e+01	10.52	653670	14.39
UPPER LIMIT	501174	8.246	2065880	11.016	1307340	14.887
LOWER LIMIT	125293.5	7.246	516470	10.016	326835	13.887
EPA SAMPLE NO.						
01 SBLK716	274495	7.74	1.11695e	10.52	730158	14.38
02 SBLK557	247795	7.75	1.03811e	10.52	696745	14.38
03 A4B76	248077	7.75	884531	10.52	459469	14.38
04 A4B78	200365	7.75	774895	10.52	457779	14.39
05 A4B81	144541	7.75	553631	10.52	337859	14.38
06 A4B43	243345	7.75	949515	10.52	583967	14.39
07 A4B45	229117	7.75	877792	10.52	483881	14.39
08 A4B46	165322	7.75	613343	10.52	340203	14.38
09 SLCS557	265732	7.75	1.10876e	10.52	732847	14.39
10 SLCS614	233170	7.75	964549	10.52	607679	14.38
11 E1G81	215395	7.75	887607	10.51	573551	14.38
12 E1GC2	221168	7.75	875851	10.52	526021	14.38
13 E1G83	220877	7.75	890647	10.52	548983	14.38
14 E1G84	208979	7.75	880270	10.52	580226	14.38

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.



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP062724 SAS No.: BP062724 SDG NO.: BP062724

EPA Sample No.: SSTD020662 Date Analyzed: Jun 28 2024 12:00AM

Lab File ID: BP020684.D Time Analyzed: 09:05

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	305484	7.752	1.18459e+04	10.52	692184	14.38
UPPER LIMIT	610968	8.252	2369180	11.016	1384368	14.881
LOWER LIMIT	152742	7.252	592295	10.016	346092	13.881
EPA SAMPLE NO.						
01 SBLK614	332701	7.75	1.38914e	10.52	897720	14.38

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.: BP062724 SAS No.: BP062724 SDG NO.: BP062724

EPA Sample No.: SSTD020639 Date Analyzed: Jun 27 2024 12:00AM

Lab File ID: BP020639.D Time Analyzed: 11:31

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	811162	17.186	668166	21.639	756069	24.998
	UPPER LIMIT	1622324	17.686	1336332	22.139	1512138	25.498
	LOWER LIMIT	405581	16.686	334083	21.139	378034.5	24.498
	EPA SAMPLE NO.						
01	SBLK614	1.39868	17.19	1.26188e+	21.64	1.17823e+	24.99
02	A4B75	909142	17.18	798327	21.64	1.00295e+	25.02
03	A4B41	1.2304e	17.19	812260	21.65	1.01757e+	25.03
04	A4B42	942822	17.19	632657	21.65	736530	25.01
05	A4B84	910784	17.18	639464	21.65	858005	25.01
06	A4B84MS	1.18454	17.20	865066	21.66	862000	25.03
07	A4B84MSD	708016	17.19	668287	21.66	884928	25.03
08	A4CP0	865911	17.19	617753	21.66	798956	25.03
09	A4CP1	1.04009	17.19	644461	21.65	747173	25.02
10	A4B85	1.29688	17.19	833839	21.65	861173	25.02
11	A4CP2	945870	17.19	703022	21.65	878640	25.00
12	A4CP3	1.1039e	17.18	757821	21.65	788065	25.00
13	SBLK716	1.44278	17.19	1.06378e+	21.65	1.21781e+	25.01
14	SBLK557	1.39463	17.19	981610	21.65	1.02605e+	25.02
15	A4B76	891575	17.19	949011	21.65	1.18868e+	25.03
16	A4B78	861720	17.19	823799	21.66	1.04844e+	25.02
17	A4B81	729709	17.19	785915	21.65	963767	25.02
18	A4B43	997084	17.20	816335	21.67	1.00562e+	25.04
19	A4B45	815914	17.20	876185	21.66	1.08413e+	25.05
20	A4B46	680551	17.19	766782	21.65	977761	25.03
21	SLCS557	1.5236e	17.20	1.02468e+	21.66	1.12597e+	25.04

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP062724 SAS No.: BP062724 SDG NO.: BP062724

EPA Sample No.: SSTD020639 Date Analyzed: Jun 28 2024 12:00AM

Lab File ID: BP020639.D Time Analyzed: 04:07

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	811162	17.186	668166	21.639	756069	24.998
UPPER LIMIT	1622324	17.686	1336332	22.139	1512138	25.498
LOWER LIMIT	405581	16.686	334083	21.139	378034.5	24.498
EPA SAMPLE NO.						
22 SLCS614	1.04172	17.20	682743	21.66	888848	25.03
23 E1G81	1.07614	17.20	794452	21.65	939338	25.02
24 E1GC2	967128	17.20	840619	21.66	1.00248e+	25.04
25 E1G83	966793	17.20	842725	21.66	1.01364e+	25.03
26 E1G84	1.179e+	17.19	798840	21.65	890642	25.02
27 SBLK614	1.70033*	17.19	1.21197e+	21.65	1.43206e+	25.02

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.: BP062724 SAS No.: BP062724 SDG NO.: BP062724

EPA Sample No.: SSTD020660 Date Analyzed: Jun 27 2024 12:00AM

Lab File ID: BP020656.D Time Analyzed: 11:31

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	1.03944e+04	17.192	829180	21.633	798924	24.986
	UPPER LIMIT	2078880	17.692	1658360	22.133	1597848	25.486
	LOWER LIMIT	519720	16.692	414590	21.133	399462	24.486
	EPA SAMPLE NO.						
01	SBLK614	1.39868	17.19	1.26188e+	21.64	1.17823e+	24.99
02	A4B75	909142	17.18	798327	21.64	1.00295e+	25.02
03	A4B41	1.2304e	17.19	812260	21.65	1.01757e+	25.03
04	A4B42	942822	17.19	632657	21.65	736530	25.01
05	A4B84	910784	17.18	639464	21.65	858005	25.01
06	A4B84MS	1.18454	17.20	865066	21.66	862000	25.03
07	A4B84MSD	708016	17.19	668287	21.66	884928	25.03
08	A4CP0	865911	17.19	617753	21.66	798956	25.03
09	A4CP1	1.04009	17.19	644461	21.65	747173	25.02
10	A4B85	1.29688	17.19	833839	21.65	861173	25.02
11	A4CP2	945870	17.19	703022	21.65	878640	25.00
12	A4CP3	1.1039e	17.18	757821	21.65	788065	25.00

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.: BP062724 SAS No.: BP062724 SDG NO.: BP062724

EPA Sample No.: SSTD020661 Date Analyzed: Jun 27 2024 12:00AM

Lab File ID: BP020669.D Time Analyzed: 21:40

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	1.22722e+01	17.186	895482	21.651	1.0749e+00	25.01
UPPER LIMIT	2454440	17.686	1790964	22.151	2149800	25.51
LOWER LIMIT	613610	16.686	447741	21.151	537450	24.51
EPA SAMPLE NO.						
01 SBLK716	1.44278	17.19	1.06378e+	21.65	1.21781e+	25.01
02 SBLK557	1.39463	17.19	981610	21.65	1.02605e+	25.02
03 A4B76	891575	17.19	949011	21.65	1.18868e+	25.03
04 A4B78	861720	17.19	823799	21.66	1.04844e+	25.02
05 A4B81	729709	17.19	785915	21.65	963767	25.02
06 A4B43	997084	17.20	816335	21.67	1.00562e+	25.04
07 A4B45	815914	17.20	876185	21.66	1.08413e+	25.05
08 A4B46	680551	17.19	766782	21.65	977761	25.03
09 SLCS557	1.5236e	17.20	1.02468e+	21.66	1.12597e+	25.04
10 SLCS614	1.04172	17.20	682743	21.66	888848	25.03
11 E1G81	1.07614	17.20	794452	21.65	939338	25.02
12 E1GC2	967128	17.20	840619	21.66	1.00248e+	25.04
13 E1G83	966793	17.20	842725	21.66	1.01364e+	25.03
14 E1G84	1.179e+	17.19	798840	21.65	890642	25.02

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.: BP062724 SAS No.: BP062724 SDG NO.: BP062724

EPA Sample No.: SSTD020662 Date Analyzed: Jun 28 2024 12:00AM

Lab File ID: BP020684.D Time Analyzed: 09:05

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	1.23018e+01	17.198	1.0554e+0	21.651	1.30187e+01	25.015
UPPER LIMIT	2460360	17.698	2110800	22.151	2603740	25.515
LOWER LIMIT	615090	16.698	527700	21.151	650935	24.515
EPA SAMPLE NO.						
01 SBLK614	1.70033	17.19	1.21197e+	21.65	1.43206e+	25.02

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.: BP062724

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161557BS	1,4-Dioxane	16	8.6	ug/L	54				0	0	
	Benzaldehyde	40	31	ug/L	78				0	0	
	Pyridine	40	24	ug/L	60				0	0	
	Phenol	40	30	ug/L	75				0	0	
	Bis(2-chloroethyl)ether	40	28	ug/L	70				0	0	
	2-Chlorophenol	40	30	ug/L	75				0	0	
	2-Methylphenol	40	29	ug/L	73				0	0	
	2,2-oxybis(1-Chloropropane)	40	26	ug/L	65				0	0	
	Acetophenone	40	29	ug/L	73				0	0	
	4-Methylphenol	40	29	ug/L	73				0	0	
	N-Nitroso-di-n-propylamine	40	27	ug/L	68				0	0	
	Hexachloroethane	40	29	ug/L	73				0	0	
	Nitrobenzene	40	28	ug/L	70				0	0	
	Isophorone	40	28	ug/L	70				0	0	
	2-Nitrophenol	40	35	ug/L	88				0	0	
	2,4-Dimethylphenol	40	21	ug/L	52				0	0	
	Bis(2-chloroethoxy)methane	40	28	ug/L	70				0	0	
	2,4-Dichlorophenol	40	32	ug/L	80				0	0	
	Naphthalene	40	29	ug/L	73				0	0	
	4-Chloroaniline	40	26	ug/L	65				0	0	
	Hexachlorobutadiene	40	30	ug/L	75				0	0	
	Caprolactam	40	35	ug/L	88				0	0	
	4-Chloro-3-methylphenol	40	32	ug/L	80				0	0	
	1-Methylnaphthalene	40	29	ug/L	73				0	0	
	2-Methylnaphthalene	40	30	ug/L	75				0	0	
	Hexachlorocyclopentadiene	40	17	ug/L	43				0	0	
	2,4,6-Trichlorophenol	40	30	ug/L	75				0	0	
	2,4,5-Trichlorophenol	40	33	ug/L	83				0	0	
	1,1'-Biphenyl	40	28	ug/L	70				0	0	
	2-Chloronaphthalene	40	29	ug/L	73				0	0	
	2-Nitroaniline	40	35	ug/L	88				0	0	
	Dimethylphthalate	40	31	ug/L	78				0	0	
	2,6-Dinitrotoluene	40	36	ug/L	90				0	0	
	Acenaphthylene	40	29	ug/L	73				0	0	
	3-Nitroaniline	40	39	ug/L	98				0	0	
	Acenaphthene	40	29	ug/L	73				0	0	
	2,4-Dinitrophenol	40	34	ug/L	85				0	0	
	4-Nitrophenol	40	35	ug/L	88				0	0	
	Dibenzofuran	40	30	ug/L	75				0	0	
	2,4-Dinitrotoluene	40	38	ug/L	95				0	0	
	Diethylphthalate	40	32	ug/L	80				0	0	
	Fluorene	40	30	ug/L	75				0	0	
	4-Chlorophenyl-phenylether	40	31	ug/L	78				0	0	
	4-Nitroaniline	40	42	ug/L	105				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP062724

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161557BS	4,6-Dinitro-2-methylphenol	40	32	ug/L	80				0	0		
	N-Nitrosodiphenylamine	40	29	ug/L	73				0	0		
	1,2,4,5-Tetrachlorobenzene	40	30	ug/L	75				0	0		
	4-Bromophenyl-phenylether	40	30	ug/L	75				0	0		
	Hexachlorobenzene	40	31	ug/L	78				0	0		
	Atrazine	40	8.6	ug/L	22				0	0		
	Pentachlorophenol	40	28	ug/L	70				0	0		
	Phenanthrene	40	29	ug/L	73				0	0		
	Pentachlorobenzene	40	29	ug/L	73				0	0		
	Anthracene	40	28	ug/L	70				0	0		
	1,2,3,4-Tetrachlorobenzene	40	28	ug/L	70				0	0		
	Carbazole	40	31	ug/L	78				0	0		
	Di-n-butylphthalate	40	33	ug/L	83				0	0		
	Fluoranthene	40	34	ug/L	85				0	0		
	Pyrene	40	33	ug/L	83				0	0		
	Butylbenzylphthalate	40	40	ug/L	100				0	0		
	3,3'-Dichlorobenzidine	40	28	ug/L	70				0	0		
	Benzo(a)anthracene	40	30	ug/L	75				0	0		
	Chrysene	40	30	ug/L	75				0	0		
	Bis(2-ethylhexyl)phthalate	40	36	ug/L	90				0	0		
	Di-n-octylphthalate	40	35	ug/L	88				0	0		
	Benzo(b)fluoranthene	40	30	ug/L	75				0	0		
	Benzo(k)fluoranthene	40	30	ug/L	75				0	0		
	Benzo(a)pyrene	40	28	ug/L	70				0	0		
	Indeno(1,2,3-cd)pyrene	40	31	ug/L	78				0	0		
	Dibenzo(a,h)anthracene	40	31	ug/L	78				0	0		
	Benzo(g,h,i)perylene	40	30	ug/L	75				0	0		
	2,3,4,6-Tetrachlorophenol	40	32	ug/L	80				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP062724

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161614BS	1,4-Dioxane	530	350	ug/Kg	66				0	0		
	Benzaldehyde	1300	1300	ug/Kg	100				0	0		
	Pyridine	1300	940	ug/Kg	72				0	0		
	Phenol	1300	1100	ug/Kg	85				0	0		
	Bis(2-chloroethyl)ether	1300	1100	ug/Kg	85				0	0		
	2-Chlorophenol	1300	1200	ug/Kg	92				0	0		
	2-Methylphenol	1300	1100	ug/Kg	85				0	0		
	2,2-oxybis(1-Chloropropane)	1300	1000	ug/Kg	77				0	0		
	Acetophenone	1300	1100	ug/Kg	85				0	0		
	4-Methylphenol	1300	1200	ug/Kg	92				0	0		
	N-Nitroso-di-n-propylamine	1300	1100	ug/Kg	85				0	0		
	Hexachloroethane	1300	1100	ug/Kg	85				0	0		
	Nitrobenzene	1300	1100	ug/Kg	85				0	0		
	Isophorone	1300	1100	ug/Kg	85				0	0		
	2-Nitrophenol	1300	1400	ug/Kg	108				0	0		
	2,4-Dimethylphenol	1300	760	ug/Kg	58				0	0		
	Bis(2-chloroethoxy)methane	1300	1100	ug/Kg	85				0	0		
	2,4-Dichlorophenol	1300	1300	ug/Kg	100				0	0		
	Naphthalene	1300	1100	ug/Kg	85				0	0		
	4-Chloroaniline	1300	1100	ug/Kg	85				0	0		
	Hexachlorobutadiene	1300	1200	ug/Kg	92				0	0		
	Caprolactam	1300	1300	ug/Kg	100				0	0		
	4-Chloro-3-methylphenol	1300	1300	ug/Kg	100				0	0		
	1-Methylnaphthalene	1300	1100	ug/Kg	85				0	0		
	2-Methylnaphthalene	1300	1200	ug/Kg	92				0	0		
	Hexachlorocyclopentadiene	1300	660	ug/Kg	51				0	0		
	2,4,6-Trichlorophenol	1300	1200	ug/Kg	92				0	0		
	2,4,5-Trichlorophenol	1300	1300	ug/Kg	100				0	0		
	1,1'-Biphenyl	1300	1200	ug/Kg	92				0	0		
	2-Chloronaphthalene	1300	1200	ug/Kg	92				0	0		
	2-Nitroaniline	1300	1400	ug/Kg	108				0	0		
	Dimethylphthalate	1300	1200	ug/Kg	92				0	0		
	2,6-Dinitrotoluene	1300	1400	ug/Kg	108				0	0		
	Acenaphthylene	1300	1100	ug/Kg	85				0	0		
	3-Nitroaniline	1300	1400	ug/Kg	108				0	0		
	Acenaphthene	1300	1100	ug/Kg	85				0	0		
	2,4-Dinitrophenol	1300	1300	ug/Kg	100				0	0		
	4-Nitrophenol	1300	1200	ug/Kg	92				0	0		
	Dibenzofuran	1300	1200	ug/Kg	92				0	0		
	2,4-Dinitrotoluene	1300	1400	ug/Kg	108				0	0		
	Diethylphthalate	1300	1200	ug/Kg	92				0	0		
	Fluorene	1300	1100	ug/Kg	85				0	0		
	4-Chlorophenyl-phenylether	1300	1200	ug/Kg	92				0	0		
	4-Nitroaniline	1300	1400	ug/Kg	108				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP062724

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161614BS	4,6-Dinitro-2-methylphenol	1300	1400	ug/Kg	108				0	0		
	N-Nitrosodiphenylamine	1300	1300	ug/Kg	100				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	1200	ug/Kg	92				0	0		
	4-Bromophenyl-phenylether	1300	1300	ug/Kg	100				0	0		
	Hexachlorobenzene	1300	1300	ug/Kg	100				0	0		
	Atrazine	1300	660	ug/Kg	51				0	0		
	Pentachlorophenol	1300	1100	ug/Kg	85				0	0		
	Phenanthrene	1300	1200	ug/Kg	92				0	0		
	Pentachlorobenzene	1300	1400	ug/Kg	108				0	0		
	Anthracene	1300	1100	ug/Kg	85				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1300	ug/Kg	100				0	0		
	Carbazole	1300	1100	ug/Kg	85				0	0		
	Di-n-butylphthalate	1300	1200	ug/Kg	92				0	0		
	Fluoranthene	1300	1200	ug/Kg	92				0	0		
	Pyrene	1300	1100	ug/Kg	85				0	0		
	Butylbenzylphthalate	1300	1200	ug/Kg	92				0	0		
	3,3'-Dichlorobenzidine	1300	1200	ug/Kg	92				0	0		
	Benzo(a)anthracene	1300	1200	ug/Kg	92				0	0		
	Chrysene	1300	1200	ug/Kg	92				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1000	ug/Kg	77				0	0		
	Di-n-octylphthalate	1300	980	ug/Kg	75				0	0		
	Benzo(b)fluoranthene	1300	1200	ug/Kg	92				0	0		
	Benzo(k)fluoranthene	1300	1200	ug/Kg	92				0	0		
	Benzo(a)pyrene	1300	1100	ug/Kg	85				0	0		
	Indeno(1,2,3-cd)pyrene	1300	1300	ug/Kg	100				0	0		
	Dibenzo(a,h)anthracene	1300	1300	ug/Kg	100				0	0		
	Benzo(g,h,i)perylene	1300	1200	ug/Kg	92				0	0		
	2,3,4,6-Tetrachlorophenol	1300	1200	ug/Kg	92				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK557

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP062724

SAS No.: BP062724 SDG NO.: BP062724

Lab File ID: BP020671.D

Lab Sample ID: PB161557BL

Instrument ID: BNA_P

Date Extracted: 06/18/2024

Matrix: (soil/water) Water

Date Analyzed: 06/27/2024

Level: (low/med) LOW

Time Analyzed: 22:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1G81	P2898-02	BP020680.D	06/28/2024
E1GC2	P2898-04	BP020681.D	06/28/2024
E1G83	P2898-05	BP020682.D	06/28/2024
E1G84	P2898-06	BP020683.D	06/28/2024
PB161557BS	PB161557BS	BP020678.D	06/28/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK614

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP062724

SAS No.: BP062724 SDG NO.: BP062724

Lab File ID: BP020685.D

Lab Sample ID: PB161614BL

Instrument ID: BNA_P

Date Extracted: 06/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/28/2024

Level: (low/med) LOW

Time Analyzed: 09:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4B75	P2909-01	BP020658.D	06/27/2024
A4B41	P2909-18	BP020659.D	06/27/2024
A4B42	P2909-19	BP020660.D	06/27/2024
A4B84	P2909-05	BP020661.D	06/27/2024
A4B84MS	P2909-06MS	BP020662.D	06/27/2024
A4B84MSD	P2909-07MSD	BP020663.D	06/27/2024
A4CP0	P2909-11	BP020664.D	06/27/2024
A4CP1	P2909-12	BP020665.D	06/27/2024
A4B85	P2909-08	BP020666.D	06/27/2024
A4CP2	P2909-13	BP020667.D	06/27/2024
A4CP3	P2909-14	BP020668.D	06/27/2024
A4B76	P2909-02	BP020672.D	06/27/2024
A4B78	P2909-03	BP020673.D	06/27/2024
A4B81	P2909-04	BP020674.D	06/28/2024
A4B43	P2909-20	BP020675.D	06/28/2024
A4B45	P2909-21	BP020676.D	06/28/2024
A4B46	P2909-22	BP020677.D	06/28/2024
PB161614BS	PB161614BS	BP020679.D	06/28/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK716

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP062724

SAS No.: BP062724 SDG NO.: BP062724

Lab File ID: BP020670.D

Lab Sample ID: PB161716BL

Instrument ID: BNA_P

Date Extracted: 06/25/2024

Matrix: (soil/water) Water

Date Analyzed: 06/27/2024

Level: (low/med) LOW

Time Analyzed: 21:40

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

COMMENTS:

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP062724

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2909-06MS	Client Sample ID:	A4B84MS				DataFile:	BP020662.D			
1,4-Dioxane	1000		770	ug/Kg	77				15	120	
Benzaldehyde	2600		1800	ug/Kg	69				0	0	
Pyridine	2600		770	ug/Kg	30				0	0	
Phenol	2600		2600	ug/Kg	100	*			26	90	
Bis(2-chloroethyl)ether	2600		2400	ug/Kg	92				0	0	
2-Chlorophenol	2600		2600	ug/Kg	100				25	102	
2-Methylphenol	2600		2400	ug/Kg	92				0	0	
2,2-oxybis(1-Chloropropane)	2600		2300	ug/Kg	88				0	0	
Acetophenone	2600		2600	ug/Kg	100				0	0	
4-Methylphenol	2600		2600	ug/Kg	100				0	0	
N-Nitroso-di-n-propylamine	2600		2400	ug/Kg	92				41	126	
Hexachloroethane	2600		1800	ug/Kg	69				0	0	
Nitrobenzene	2600		2500	ug/Kg	96				0	0	
Isophorone	2600		2500	ug/Kg	96				0	0	
2-Nitrophenol	2600		3100	ug/Kg	119				0	0	
2,4-Dimethylphenol	2600		1200	ug/Kg	46				0	0	
Bis(2-chloroethoxy)methane	2600		2400	ug/Kg	92				0	0	
2,4-Dichlorophenol	2600		2800	ug/Kg	108				0	0	
Naphthalene	2600		2500	ug/Kg	96				0	0	
4-Chloroaniline	2600		1700	ug/Kg	65				0	0	
Hexachlorobutadiene	2600		2600	ug/Kg	100				0	0	
Caprolactam	2600		2800	ug/Kg	108				0	0	
4-Chloro-3-methylphenol	2600		2900	ug/Kg	112	*			26	103	
1-Methylnaphthalene	2600		2700	ug/Kg	104				0	0	
2-Methylnaphthalene	2600		2700	ug/Kg	104				0	0	
Hexachlorocyclopentadiene	2600		1300	ug/Kg	50				0	0	
2,4,6-Trichlorophenol	2600		2800	ug/Kg	108				0	0	
2,4,5-Trichlorophenol	2600		3100	ug/Kg	119				0	0	
1,1'-Biphenyl	2600		2600	ug/Kg	100				0	0	
2-Chloronaphthalene	2600		2500	ug/Kg	96				0	0	
2-Nitroaniline	2600		3300	ug/Kg	127				0	0	
Dimethylphthalate	2600		2800	ug/Kg	108				0	0	
2,6-Dinitrotoluene	2600		3300	ug/Kg	127				0	0	
Acenaphthylene	2600		2500	ug/Kg	96				0	0	
3-Nitroaniline	2600		3400	ug/Kg	131				0	0	
Acenaphthene	2600	130	2700	ug/Kg	99				31	137	
2,4-Dinitrophenol	2600		3600	ug/Kg	138				0	0	
4-Nitrophenol	2600		3400	ug/Kg	131	*			11	114	
Dibenzofuran	2600	82	2800	ug/Kg	105				0	0	
2,4-Dinitrotoluene	2600		3700	ug/Kg	142	*			28	89	
Diethylphthalate	2600		3000	ug/Kg	115				0	0	
Fluorene	2600	140	3000	ug/Kg	110				0	0	
4-Chlorophenyl-phenylether	2600		2800	ug/Kg	108				0	0	
4-Nitroaniline	2600		4000	ug/Kg	154				0	0	
4,6-Dinitro-2-methylphenol	2600		3300	ug/Kg	127				0	0	
N-Nitrosodiphenylamine	2600		2600	ug/Kg	100				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP062724

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	2600		2500	ug/Kg	96				0	0	
4-Bromophenyl-phenylether	2600		2700	ug/Kg	104				0	0	
Hexachlorobenzene	2600		2100	ug/Kg	81				0	0	
Atrazine	2600		2300	ug/Kg	88				0	0	
Pentachlorophenol	2600		2700	ug/Kg	104				17	109	
Phenanthrene	2600	1600	4400	ug/Kg	108				0	0	
Pentachlorobenzene	2600		2100	ug/Kg	81				0	0	
Anthracene	2600	340	3000	ug/Kg	102				0	0	
1,2,3,4-Tetrachlorobenzene	2600		2400	ug/Kg	92				0	0	
Carbazole	2600	160	2800	ug/Kg	102				0	0	
Di-n-butylphthalate	2600		3100	ug/Kg	119				0	0	
Fluoranthene	2600	2200	5500	ug/Kg	127				0	0	
Pyrene	2600	1300	4000	ug/Kg	104				35	142	
Butylbenzylphthalate	2600		3800	ug/Kg	146				0	0	
3,3'-Dichlorobenzidine	2600		2300	ug/Kg	88				0	0	
Benzo(a)anthracene	2600	850	3300	ug/Kg	94				0	0	
Chrysene	2600	880	3800	ug/Kg	112				0	0	
Bis(2-ethylhexyl)phthalate	2600	47000	45000	ug/Kg	-77				0	0	
Di-n-octylphthalate	2600		3700	ug/Kg	142				0	0	
Benzo(b)fluoranthene	2600	990	3800	ug/Kg	108				0	0	
Benzo(k)fluoranthene	2600	300	3300	ug/Kg	115				0	0	
Benzo(a)pyrene	2600	390	1700	ug/Kg	50				0	0	
Indeno(1,2,3-cd)pyrene	2600	280	2300	ug/Kg	78				0	0	
Dibenzo(a,h)anthracene	2600	130	2800	ug/Kg	103				0	0	
Benzo(g,h,i)perylene	2600		280	ug/Kg	11				0	0	
2,3,4,6-Tetrachlorophenol	2600		3300	ug/Kg	127				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP062724

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2909-07MSD	Client Sample ID:	A4B84MSD					DataFile:	BP020663.D		
1,4-Dioxane	1000		860	ug/Kg	86		11		15	120	50
Benzaldehyde	2600		1700	ug/Kg	65		6	*	0	0	0
Pyridine	2600		740	ug/Kg	28		7	*	0	0	0
Phenol	2600		2300	ug/Kg	88		13		26	90	35
Bis(2-chloroethyl)ether	2600		2200	ug/Kg	85		8	*	0	0	0
2-Chlorophenol	2600		2400	ug/Kg	92		8		25	102	50
2-Methylphenol	2600		2100	ug/Kg	81		13	*	0	0	0
2,2-oxybis(1-Chloropropane)	2600		2000	ug/Kg	77		13	*	0	0	0
Acetophenone	2600		2200	ug/Kg	85		16	*	0	0	0
4-Methylphenol	2600		2200	ug/Kg	85		16	*	0	0	0
N-Nitroso-di-n-propylamine	2600		2000	ug/Kg	77		18		41	126	38
Hexachloroethane	2600		1700	ug/Kg	65		6	*	0	0	0
Nitrobenzene	2600		2400	ug/Kg	92		4	*	0	0	0
Isophorone	2600		2200	ug/Kg	85		12	*	0	0	0
2-Nitrophenol	2600		2900	ug/Kg	112		6	*	0	0	0
2,4-Dimethylphenol	2600		1100	ug/Kg	42		9	*	0	0	0
Bis(2-chloroethoxy)methane	2600		2300	ug/Kg	88		4	*	0	0	0
2,4-Dichlorophenol	2600		2600	ug/Kg	100		8	*	0	0	0
Naphthalene	2600		2400	ug/Kg	92		4	*	0	0	0
4-Chloroaniline	2600		1500	ug/Kg	58		11	*	0	0	0
Hexachlorobutadiene	2600		2500	ug/Kg	96		4	*	0	0	0
Caprolactam	2600		2100	ug/Kg	81		29	*	0	0	0
4-Chloro-3-methylphenol	2600		2400	ug/Kg	92		20		26	103	33
1-Methylnaphthalene	2600		2400	ug/Kg	92		12	*	0	0	0
2-Methylnaphthalene	2600		2400	ug/Kg	92		12	*	0	0	0
Hexachlorocyclopentadiene	2600		1500	ug/Kg	58		15	*	0	0	0
2,4,6-Trichlorophenol	2600		2800	ug/Kg	108		0		0	0	0
2,4,5-Trichlorophenol	2600		2900	ug/Kg	112		6	*	0	0	0
1,1'-Biphenyl	2600		2600	ug/Kg	100		0		0	0	0
2-Chloronaphthalene	2600		2600	ug/Kg	100		4	*	0	0	0
2-Nitroaniline	2600		3100	ug/Kg	119		7	*	0	0	0
Dimethylphthalate	2600		2600	ug/Kg	100		8	*	0	0	0
2,6-Dinitrotoluene	2600		3000	ug/Kg	115		10	*	0	0	0
Acenaphthylene	2600		2500	ug/Kg	96		0		0	0	0
3-Nitroaniline	2600		3100	ug/Kg	119		10	*	0	0	0
Acenaphthene	2600	130	2600	ug/Kg	95		4		31	137	19
2,4-Dinitrophenol	2600		3100	ug/Kg	119		15	*	0	0	0
4-Nitrophenol	2600		3000	ug/Kg	115	*	13		11	114	50
Dibenzofuran	2600	82	2700	ug/Kg	101		4	*	0	0	0
2,4-Dinitrotoluene	2600		3100	ug/Kg	119	*	18		28	89	47
Diethylphthalate	2600		2600	ug/Kg	100		14	*	0	0	0
Fluorene	2600	140	2800	ug/Kg	102		8	*	0	0	0
4-Chlorophenyl-phenylether	2600		2600	ug/Kg	100		8	*	0	0	0
4-Nitroaniline	2600		3400	ug/Kg	131		16	*	0	0	0
4,6-Dinitro-2-methylphenol	2600		3100	ug/Kg	119		7	*	0	0	0
N-Nitrosodiphenylamine	2600		2700	ug/Kg	104		4	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP062724

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	2600		2700	ug/Kg	104	8	*		0	0	0
4-Bromophenyl-phenylether	2600		2600	ug/Kg	100	4	*		0	0	0
Hexachlorobenzene	2600		2100	ug/Kg	81	0			0	0	0
Atrazine	2600		2100	ug/Kg	81	8	*		0	0	0
Pentachlorophenol	2600		2400	ug/Kg	92	12			17	109	47
Phenanthrene	2600	1600	4300	ug/Kg	104	4	*		0	0	0
Pentachlorobenzene	2600		2200	ug/Kg	85	5	*		0	0	0
Anthracene	2600	340	2900	ug/Kg	98	4	*		0	0	0
1,2,3,4-Tetrachlorobenzene	2600		2800	ug/Kg	108	16	*		0	0	0
Carbazole	2600	160	2700	ug/Kg	98	4	*		0	0	0
Di-n-butylphthalate	2600		2800	ug/Kg	108	10	*		0	0	0
Fluoranthene	2600	2200	4300	ug/Kg	81	44	*		0	0	0
Pyrene	2600	1300	3100	ug/Kg	69	40	*		35	142	36
Butylbenzylphthalate	2600		2900	ug/Kg	112	26	*		0	0	0
3,3'-Dichlorobenzidine	2600		2500	ug/Kg	96	9	*		0	0	0
Benzo(a)anthracene	2600	850	3500	ug/Kg	102	8	*		0	0	0
Chrysene	2600	880	3600	ug/Kg	105	6	*		0	0	0
Bis(2-ethylhexyl)phthalate	2600	47000	49000	ug/Kg	77				0	0	0
Di-n-octylphthalate	2600		2500	ug/Kg	96	39	*		0	0	0
Benzo(b)fluoranthene	2600	990	3500	ug/Kg	97	11	*		0	0	0
Benzo(k)fluoranthene	2600	300	3000	ug/Kg	104	10	*		0	0	0
Benzo(a)pyrene	2600	390	1600	ug/Kg	47	6	*		0	0	0
Indeno(1,2,3-cd)pyrene	2600	280	2300	ug/Kg	78	0			0	0	0
Dibenzo(a,h)anthracene	2600	130	2800	ug/Kg	103	0			0	0	0
Benzo(g,h,i)perylene	2600		280	ug/Kg	11	0			0	0	0
2,3,4,6-Tetrachlorophenol	2600		2800	ug/Kg	108	16	*		0	0	0

Surrogate Summary

SW-846

SDG No.: BP062724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2898-02	E1G81	BP020680.D	1,4-Dioxane-d8	8	4.29	54		15	120
			Pyridine-d5	40	12.04	30		20	120
			Phenol-d5	40	8.37	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.52	86		25	120
			2-Chlorophenol-d4	40	28.62	72		20	130
			4-Methylphenol-d8	40	19.78	49		25	125
			Nitrobenzene-d5	40	40.45	101		20	125
			2-Nitrophenol-d4	40	43.76	109		20	130
			2,4-Dichlorophenol-d3	40	34.94	87		20	120
			4-Chloroaniline-d4	40	33.96	85		1	146
			Dimethylphthalate-d6	40	43.47	109		25	130
			Acenaphthylene-d8	40	39.35	98		10	130
			4-Nitrophenol-d4	40	7.14	18		10	150
			Fluorene-d10	40	42.60	106		25	125
			4,6-Dinitro-2-methylphenol-d2	40	39.32	98		10	130
			Anthracene-d10	40	43.56	109		25	130
			Pyrene-d10	40	44.54	111		15	130
			Benzo(a)pyrene-d12	40	45.06	113		20	130
P2898-04	E1GC2	BP020681.D	1,4-Dioxane-d8	8	4.01	50		15	120
			Pyridine-d5	40	3.69	9	*	20	120
			Phenol-d5	40	6.30	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.80	84		25	120
			2-Chlorophenol-d4	40	25.37	63		20	130
			4-Methylphenol-d8	40	16.04	40		25	125
			Nitrobenzene-d5	40	40.48	101		20	125
			2-Nitrophenol-d4	40	41.33	103		20	130
			2,4-Dichlorophenol-d3	40	32.83	82		20	120
			4-Chloroaniline-d4	40	24.70	62		1	146
			Dimethylphthalate-d6	40	45.66	114		25	130
			Acenaphthylene-d8	40	40.42	101		10	130
			4-Nitrophenol-d4	40	5.31	13		10	150
			Fluorene-d10	40	42.38	106		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.49	91		10	130
			Anthracene-d10	40	44.22	111		25	130
			Pyrene-d10	40	41.58	104		15	130
			Benzo(a)pyrene-d12	40	46.56	116		20	130
P2898-05	E1G83	BP020682.D	1,4-Dioxane-d8	8	5.03	63		15	120
			Pyridine-d5	40	11.04	28		20	120
			Phenol-d5	40	9.71	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	39.07	98		25	120
			2-Chlorophenol-d4	40	32.88	82		20	130
			4-Methylphenol-d8	40	22.07	55		25	125
			Nitrobenzene-d5	40	46.31	116		20	125
			2-Nitrophenol-d4	40	50.56	126		20	130
			2,4-Dichlorophenol-d3	40	39.73	99		20	120
			4-Chloroaniline-d4	40	35.47	89		1	146
			Dimethylphthalate-d6	40	47.49	119		25	130
			Acenaphthylene-d8	40	42.09	105		10	130
			4-Nitrophenol-d4	40	8.89	22		10	150

Surrogate Summary

SW-846

SDG No.: BP062724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2898-05	E1G83	BP020682.D	Fluorene-d10	40	44.49	111		25	125
			4,6-Dinitro-2-methylphenol-d2	40	44.04	110		10	130
			Anthracene-d10	40	45.74	114		25	130
			Pyrene-d10	40	41.58	104		15	130
			Benzo(a)pyrene-d12	40	48.10	120		20	130
P2898-06	E1G84	BP020683.D	1,4-Dioxane-d8	8	4.58	57		15	120
			Pyridine-d5	40	5.02	13	*	20	120
			Phenol-d5	40	8.20	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.77	89		25	120
			2-Chlorophenol-d4	40	29.90	75		20	130
			4-Methylphenol-d8	40	19.63	49		25	125
			Nitrobenzene-d5	40	41.10	103		20	125
			2-Nitrophenol-d4	40	45.48	114		20	130
			2,4-Dichlorophenol-d3	40	37.15	93		20	120
			4-Chloroaniline-d4	40	22.11	55		1	146
			Dimethylphthalate-d6	40	43.62	109		25	130
			Acenaphthylene-d8	40	39.36	98		10	130
			4-Nitrophenol-d4	40	8.15	20		10	150
			Fluorene-d10	40	42.98	107		25	125
			4,6-Dinitro-2-methylphenol-d2	40	38.99	97		10	130
			Anthracene-d10	40	42.05	105		25	130
			Pyrene-d10	40	46.35	116		15	130
			Benzo(a)pyrene-d12	40	43.18	108		20	130
PB161557BL	PB161557BL	BP020671.D	1,4-Dioxane-d8	8	5.45	68		15	120
			Pyridine-d5	40	24.84	62		20	120
			Phenol-d5	40	28.28	71		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.97	70		25	120
			2-Chlorophenol-d4	40	28.45	71		20	130
			4-Methylphenol-d8	40	28.42	71		25	125
			Nitrobenzene-d5	40	31.61	79		20	125
			2-Nitrophenol-d4	40	35.81	90		20	130
			2,4-Dichlorophenol-d3	40	30.30	76		20	120
			4-Chloroaniline-d4	40	24.36	61		1	146
			Dimethylphthalate-d6	40	32.37	81		25	130
			Acenaphthylene-d8	40	29.68	74		10	130
			4-Nitrophenol-d4	40	29.44	74		10	150
			Fluorene-d10	40	31.45	79		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.96	80		10	130
			Anthracene-d10	40	30.16	75		25	130
			Pyrene-d10	40	34.32	86		15	130
			Benzo(a)pyrene-d12	40	31.86	80		20	130
PB161557BS	PB161557BS	BP020678.D	1,4-Dioxane-d8	8	5.84	73		15	120
			Pyridine-d5	40	24.01	60		20	120
			Phenol-d5	40	29.38	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.09	68		25	120
			2-Chlorophenol-d4	40	28.82	72		20	130
			4-Methylphenol-d8	40	29.25	73		25	125
			Nitrobenzene-d5	40	31.57	79		20	125
			2-Nitrophenol-d4	40	36.05	90		20	130



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

Surrogate Summary

SW-846

SDG No.: BP062724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161557BS	PB161557BS	BP020678.D	2,4-Dichlorophenol-d3	40	32.22	81		20	120
			4-Chloroaniline-d4	40	26.10	65		1	146
			Dimethylphthalate-d6	40	31.86	80		25	130
			Acenaphthylene-d8	40	29.80	74		10	130
			4-Nitrophenol-d4	40	36.40	91		10	150
			Fluorene-d10	40	31.96	80		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.65	82		10	130
			Anthracene-d10	40	28.94	72		25	130
			Pyrene-d10	40	34.25	86		15	130
			Benzo(a)pyrene-d12	40	31.43	79		20	130

Surrogate Summary

SW-846

SDG No.: BP062724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2909-01	A4B75	BP020658.D	1,4-Dioxane-d8	8	3.61	45		15	120
			Pyridine-d5	40	3.27	8	*	20	120
			Phenol-d5	40	18.85	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.35	51		10	150
			2-Chlorophenol-d4	40	20.83	52		15	120
			4-Methylphenol-d8	40	14.77	37		10	140
			Nitrobenzene-d5	40	23.96	60		10	135
			2-Nitrophenol-d4	40	26.23	66		10	120
			2,4-Dichlorophenol-d3	40	21.29	53		10	140
			4-Chloroaniline-d4	40	6.74	17		1	145
			Dimethylphthalate-d6	40	24.41	61		10	145
			Acenaphthylene-d8	40	21.69	54		15	120
			4-Nitrophenol-d4	40	15.92	40		10	150
			Fluorene-d10	40	22.86	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.75	54		10	130
			Anthracene-d10	40	23.39	58		10	150
			Pyrene-d10	40	18.91	47		10	130
			Benzo(a)pyrene-d12	40	16.16	40		10	140
P2909-02	A4B76	BP020672.D	1,4-Dioxane-d8	8	3.62	45		15	120
			Pyridine-d5	40	3.32	8	*	20	120
			Phenol-d5	40	19.10	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.12	48		10	150
			2-Chlorophenol-d4	40	20.28	51		15	120
			4-Methylphenol-d8	40	14.71	37		10	140
			Nitrobenzene-d5	40	23.57	59		10	135
			2-Nitrophenol-d4	40	25.75	64		10	120
			2,4-Dichlorophenol-d3	40	20.67	52		10	140
			4-Chloroaniline-d4	40	4.38	11		1	145
			Dimethylphthalate-d6	40	24.41	61		10	145
			Acenaphthylene-d8	40	21.43	54		15	120
			4-Nitrophenol-d4	40	21.78	54		10	150
			Fluorene-d10	40	23.86	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.65	49		10	130
			Anthracene-d10	40	24.65	62		10	150
			Pyrene-d10	40	19.26	48		10	130
			Benzo(a)pyrene-d12	40	15.96	40		10	140
P2909-03	A4B78	BP020673.D	1,4-Dioxane-d8	8	1.70	21		15	120
			Pyridine-d5	40	2.70	7	*	20	120
			Phenol-d5	40	15.55	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.68	32		10	150
			2-Chlorophenol-d4	40	14.33	36		15	120
			4-Methylphenol-d8	40	18.70	47		10	140
			Nitrobenzene-d5	40	18.32	46		10	135
			2-Nitrophenol-d4	40	21.47	54		10	120
			2,4-Dichlorophenol-d3	40	21.28	53		10	140
			4-Chloroaniline-d4	40	17.21	43		1	145
			Dimethylphthalate-d6	40	26.98	67		10	145
			Acenaphthylene-d8	40	25.29	63		15	120
			4-Nitrophenol-d4	40	19.16	48		10	150

Surrogate Summary

SW-846

SDG No.: BP062724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2909-03	A4B78	BP020673.D	Fluorene-d10	40	26.77	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.66	57		10	130
			Anthracene-d10	40	27.07	68		10	150
			Pyrene-d10	40	25.02	63		10	130
			Benzo(a)pyrene-d12	40	27.99	70		10	140
P2909-04	A4B81	BP020674.D	1,4-Dioxane-d8	8	3.88	48		15	120
			Pyridine-d5	40	19.34	48		20	120
			Phenol-d5	40	21.70	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.17	50		10	150
			2-Chlorophenol-d4	40	22.35	56		15	120
			4-Methylphenol-d8	40	21.85	55		10	140
			Nitrobenzene-d5	40	24.77	62		10	135
			2-Nitrophenol-d4	40	27.37	68		10	120
			2,4-Dichlorophenol-d3	40	24.31	61		10	140
			4-Chloroaniline-d4	40	21.00	53		1	145
			Dimethylphthalate-d6	40	26.57	66		10	145
			Acenaphthylene-d8	40	25.69	64		15	120
			4-Nitrophenol-d4	40	25.95	65		10	150
			Fluorene-d10	40	27.90	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.55	51		10	130
			Anthracene-d10	40	26.29	66		10	150
			Pyrene-d10	40	23.30	58		10	130
			Benzo(a)pyrene-d12	40	27.27	68		10	140
			1,4-Dioxane-d8	8	4.25	53		15	120
			Pyridine-d5	40	3.55	9	*	20	120
P2909-05	A4B84	BP020661.D	Phenol-d5	40	24.49	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.06	60		10	150
			2-Chlorophenol-d4	40	25.69	64		15	120
			4-Methylphenol-d8	40	22.69	57		10	140
			Nitrobenzene-d5	40	28.01	70		10	135
			2-Nitrophenol-d4	40	31.29	78		10	120
			2,4-Dichlorophenol-d3	40	26.64	67		10	140
			4-Chloroaniline-d4	40	16.72	42		1	145
			Dimethylphthalate-d6	40	29.75	74		10	145
			Acenaphthylene-d8	40	28.27	71		15	120
			4-Nitrophenol-d4	40	22.15	55		10	150
			Fluorene-d10	40	29.42	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.21	66		10	130
			Anthracene-d10	40	27.67	69		10	150
			Pyrene-d10	40	25.76	64		10	130
			Benzo(a)pyrene-d12	40	19.42	49		10	140
			1,4-Dioxane-d8	8	4.30	54		15	120
			Pyridine-d5	40	11.67	29		20	120
			Phenol-d5	40	28.42	71		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.57	66		10	150
P2909-06MS	A4B84MS	BP020662.D	2-Chlorophenol-d4	40	28.76	72		15	120
			4-Methylphenol-d8	40	27.71	69		10	140
			Nitrobenzene-d5	40	30.28	76		10	135
			2-Nitrophenol-d4	40	34.73	87		10	120

Surrogate Summary

SW-846

SDG No.: BP062724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2909-06MS	A4B84MS	BP020662.D	2,4-Dichlorophenol-d3	40	32.43	81		10	140
			4-Chloroaniline-d4	40	21.91	55		1	145
			Dimethylphthalate-d6	40	32.84	82		10	145
			Acenaphthylene-d8	40	29.91	75		15	120
			4-Nitrophenol-d4	40	37.00	92		10	150
			Fluorene-d10	40	32.57	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	36.32	91		10	130
			Anthracene-d10	40	31.56	79		10	150
			Pyrene-d10	40	31.99	80		10	130
			Benzo(a)pyrene-d12	40	20.69	52		10	140
P2909-07MSD	A4B84MSD	BP020663.D	1,4-Dioxane-d8	8	4.74	59		15	120
			Pyridine-d5	40	12.38	31		20	120
			Phenol-d5	40	25.11	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.74	62		10	150
			2-Chlorophenol-d4	40	26.78	67		15	120
			4-Methylphenol-d8	40	23.09	58		10	140
			Nitrobenzene-d5	40	30.01	75		10	135
			2-Nitrophenol-d4	40	33.20	83		10	120
			2,4-Dichlorophenol-d3	40	29.70	74		10	140
			4-Chloroaniline-d4	40	19.38	48		1	145
			Dimethylphthalate-d6	40	30.47	76		10	145
			Acenaphthylene-d8	40	29.10	73		15	120
			4-Nitrophenol-d4	40	31.45	79		10	150
			Fluorene-d10	40	30.00	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	33.35	83		10	130
			Anthracene-d10	40	29.99	75		10	150
			Pyrene-d10	40	24.53	61		10	130
			Benzo(a)pyrene-d12	40	19.35	48		10	140
P2909-08	A4B85	BP020666.D	1,4-Dioxane-d8	8	3.25	41		15	120
			Pyridine-d5	40	16.72	42		20	120
			Phenol-d5	40	20.38	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.32	48		10	150
			2-Chlorophenol-d4	40	20.89	52		15	120
			4-Methylphenol-d8	40	20.76	52		10	140
			Nitrobenzene-d5	40	22.31	56		10	135
			2-Nitrophenol-d4	40	25.06	63		10	120
			2,4-Dichlorophenol-d3	40	22.50	56		10	140
			4-Chloroaniline-d4	40	20.68	52		1	145
			Dimethylphthalate-d6	40	25.75	64		10	145
			Acenaphthylene-d8	40	23.90	60		15	120
			4-Nitrophenol-d4	40	22.91	57		10	150
			Fluorene-d10	40	25.90	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.87	55		10	130
			Anthracene-d10	40	23.04	58		10	150
			Pyrene-d10	40	30.31	76		10	130
			Benzo(a)pyrene-d12	40	26.05	65		10	140
P2909-11	A4CP0	BP020664.D	1,4-Dioxane-d8	8	3.07	38		15	120
			Pyridine-d5	40	0.35	1	*	20	120
			Phenol-d5	40	16.30	41		10	130

Surrogate Summary

SW-846

SDG No.: BP062724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2909-11	A4CP0	BP020664.D	Bis(2-Chloroethyl)ether-d8	40	18.62	47		10	150
			2-Chlorophenol-d4	40	18.67	47		15	120
			4-Methylphenol-d8	40	7.37	18		10	140
			Nitrobenzene-d5	40	21.85	55		10	135
			2-Nitrophenol-d4	40	24.22	61		10	120
			2,4-Dichlorophenol-d3	40	19.13	48		10	140
			4-Chloroaniline-d4	40	5.17	13		1	145
			Dimethylphthalate-d6	40	23.62	59		10	145
			Acenaphthylene-d8	40	22.13	55		15	120
			4-Nitrophenol-d4	40	11.50	29		10	150
			Fluorene-d10	40	23.49	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.57	49		10	130
			Anthracene-d10	40	21.37	53		10	150
			Pyrene-d10	40	20.81	52		10	130
			Benzo(a)pyrene-d12	40	14.26	36		10	140
P2909-12	A4CP1	BP020665.D	1,4-Dioxane-d8	8	3.47	43		15	120
			Pyridine-d5	40	2.85	7	*	20	120
			Phenol-d5	40	18.43	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.06	50		10	150
			2-Chlorophenol-d4	40	20.34	51		15	120
			4-Methylphenol-d8	40	9.56	24		10	140
			Nitrobenzene-d5	40	22.85	57		10	135
			2-Nitrophenol-d4	40	25.58	64		10	120
			2,4-Dichlorophenol-d3	40	20.56	51		10	140
			4-Chloroaniline-d4	40	6.30	16		1	145
			Dimethylphthalate-d6	40	24.69	62		10	145
			Acenaphthylene-d8	40	23.48	59		15	120
			4-Nitrophenol-d4	40	15.17	38		10	150
			Fluorene-d10	40	25.20	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.06	53		10	130
			Anthracene-d10	40	21.80	55		10	150
			Pyrene-d10	40	24.30	61		10	130
P2909-13	A4CP2	BP020667.D	Benzo(a)pyrene-d12	40	14.94	37		10	140
			1,4-Dioxane-d8	8	3.73	47		15	120
			Pyridine-d5	40	3.34	8	*	20	120
			Phenol-d5	40	24.54	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.35	61		10	150
			2-Chlorophenol-d4	40	25.54	64		15	120
			4-Methylphenol-d8	40	23.25	58		10	140
			Nitrobenzene-d5	40	27.66	69		10	135
			2-Nitrophenol-d4	40	30.79	77		10	120
			2,4-Dichlorophenol-d3	40	26.45	66		10	140
			4-Chloroaniline-d4	40	10.90	27		1	145
			Dimethylphthalate-d6	40	27.94	70		10	145
			Acenaphthylene-d8	40	25.73	64		15	120
			4-Nitrophenol-d4	40	22.91	57		10	150
			Fluorene-d10	40	26.75	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.15	63		10	130
			Anthracene-d10	40	26.32	66		10	150

Surrogate Summary

SW-846

SDG No.: BP062724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2909-13	A4CP2	BP020667.D	Pyrene-d10	40	26.51	66		10	130
			Benzo(a)pyrene-d12	40	20.13	50		10	140
P2909-14	A4CP3	BP020668.D	1,4-Dioxane-d8	8	4.49	56		15	120
			Pyridine-d5	40	16.86	42		20	120
			Phenol-d5	40	31.44	79		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.36	73		10	150
			2-Chlorophenol-d4	40	31.62	79		15	120
			4-Methylphenol-d8	40	31.29	78		10	140
			Nitrobenzene-d5	40	33.76	84		10	135
			2-Nitrophenol-d4	40	38.08	95		10	120
			2,4-Dichlorophenol-d3	40	32.90	82		10	140
			4-Chloroaniline-d4	40	21.25	53		1	145
			Dimethylphthalate-d6	40	33.48	84		10	145
			Acenaphthylene-d8	40	32.11	80		15	120
			4-Nitrophenol-d4	40	31.27	78		10	150
			Fluorene-d10	40	34.00	85		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.39	71		10	130
			Anthracene-d10	40	30.94	77		10	150
			Pyrene-d10	40	37.30	93		10	130
			Benzo(a)pyrene-d12	40	32.79	82		10	140
P2909-18	A4B41	BP020659.D	Pyridine-d5	40	2.72	7	*	20	120
			1,4-Dioxane-d8	8	2.76	35		15	120
			Phenol-d5	40	16.58	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.06	43		10	150
			2-Chlorophenol-d4	40	17.68	44		15	120
			4-Methylphenol-d8	40	12.14	30		10	140
			Nitrobenzene-d5	40	19.78	49		10	135
			2-Nitrophenol-d4	40	21.82	55		10	120
			2,4-Dichlorophenol-d3	40	19.11	48		10	140
			4-Chloroaniline-d4	40	4.93	12		1	145
			Dimethylphthalate-d6	40	21.85	55		10	145
			Acenaphthylene-d8	40	20.04	50		15	120
			4-Nitrophenol-d4	40	14.27	36		10	150
			Fluorene-d10	40	21.20	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.97	47		10	130
			Anthracene-d10	40	19.04	48		10	150
			Pyrene-d10	40	18.94	47		10	130
			Benzo(a)pyrene-d12	40	13.16	33		10	140
P2909-19	A4B42	BP020660.D	1,4-Dioxane-d8	8	3.12	39	*	15	120
			Pyridine-d5	40	3.87	10		20	120
			Phenol-d5	40	20.16	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.72	49		10	150
			2-Chlorophenol-d4	40	20.80	52		15	120
			4-Methylphenol-d8	40	18.02	45		10	140
			Nitrobenzene-d5	40	23.63	59		10	135
			2-Nitrophenol-d4	40	26.08	65		10	120
			2,4-Dichlorophenol-d3	40	23.56	59		10	140
			4-Chloroaniline-d4	40	5.90	15		1	145
			Dimethylphthalate-d6	40	26.95	67		10	145

Surrogate Summary

SW-846

SDG No.: **BP062724**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2909-19	A4B42	BP020660.D	Acenaphthylene-d8	40	24.48	61		15	120
			4-Nitrophenol-d4	40	20.82	52		10	150
			Fluorene-d10	40	26.71	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.73	59		10	130
			Anthracene-d10	40	24.54	61		10	150
			Pyrene-d10	40	23.47	59		10	130
			Benzo(a)pyrene-d12	40	14.64	37		10	140
P2909-20	A4B43	BP020675.D	1,4-Dioxane-d8	8	2.89	36		15	120
			Pyridine-d5	40	13.76	34		20	120
			Phenol-d5	40	16.19	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.51	41		10	150
			2-Chlorophenol-d4	40	17.73	44		15	120
			4-Methylphenol-d8	40	16.99	42		10	140
			Nitrobenzene-d5	40	19.38	48		10	135
			2-Nitrophenol-d4	40	21.94	55		10	120
			2,4-Dichlorophenol-d3	40	18.83	47		10	140
			4-Chloroaniline-d4	40	13.85	35		1	145
			Dimethylphthalate-d6	40	19.97	50		10	145
			Acenaphthylene-d8	40	18.56	46		15	120
			4-Nitrophenol-d4	40	11.60	29		10	150
			Fluorene-d10	40	19.09	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.67	32		10	130
			Anthracene-d10	40	19.27	48		10	150
			Pyrene-d10	40	17.30	43		10	130
			Benzo(a)pyrene-d12	40	19.29	48		10	140
			1,4-Dioxane-d8	8	3.56	45		15	120
			Pyridine-d5	40	15.68	39		20	120
P2909-21	A4B45	BP020676.D	Phenol-d5	40	19.60	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.53	49		10	150
			2-Chlorophenol-d4	40	20.79	52		15	120
			4-Methylphenol-d8	40	19.94	50		10	140
			Nitrobenzene-d5	40	22.92	57		10	135
			2-Nitrophenol-d4	40	25.57	64		10	120
			2,4-Dichlorophenol-d3	40	21.83	55		10	140
			4-Chloroaniline-d4	40	12.05	30		1	145
			Dimethylphthalate-d6	40	23.40	58		10	145
			Acenaphthylene-d8	40	22.40	56		15	120
			4-Nitrophenol-d4	40	15.26	38		10	150
			Fluorene-d10	40	22.01	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.80	39		10	130
			Anthracene-d10	40	22.73	57		10	150
			Pyrene-d10	40	19.42	49		10	130
			Benzo(a)pyrene-d12	40	23.10	58		10	140
			1,4-Dioxane-d8	8	3.75	47		15	120
			Pyridine-d5	40	16.65	42		20	120
			Phenol-d5	40	20.22	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.86	50		10	150
P2909-22	A4B46	BP020677.D	2-Chlorophenol-d4	40	21.45	54		15	120
			4-Methylphenol-d8	40	20.41	51		10	140

Surrogate Summary

SW-846

SDG No.: BP062724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2909-22	A4B46	BP020677.D	Nitrobenzene-d5	40	24.27	61		10	135
			2-Nitrophenol-d4	40	26.49	66		10	120
			2,4-Dichlorophenol-d3	40	22.48	56		10	140
			4-Chloroaniline-d4	40	17.84	45		1	145
			Dimethylphthalate-d6	40	25.78	64		10	145
			Acenaphthylene-d8	40	25.10	63		15	120
			4-Nitrophenol-d4	40	20.51	51		10	150
			Fluorene-d10	40	26.40	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.53	44		10	130
			Anthracene-d10	40	26.20	66		10	150
			Pyrene-d10	40	22.51	56		10	130
			Benzo(a)pyrene-d12	40	26.69	67		10	140
			1,4-Dioxane-d8	8	5.18	65		15	120
PB161614BL	PB161614BL	BP020685.D	Pyridine-d5	40	26.05	65		20	120
			BP020657.D	Pyridine-d5	40	26.54	66	20	120
		BP020685.D	1,4-Dioxane-d8	8	5.45	68		15	120
			Phenol-d5	40	27.83	70		10	130
		BP020685.D	Phenol-d5	40	27.83	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.70	67		10	150
		BP020657.D	Bis(2-Chloroethyl)ether-d8	40	26.90	67		10	150
			2-Chlorophenol-d4	40	27.88	70		15	120
		BP020685.D	2-Chlorophenol-d4	40	28.02	70		15	120
			4-Methylphenol-d8	40	28.44	71		10	140
		BP020657.D	4-Methylphenol-d8	40	28.51	71		10	140
			Nitrobenzene-d5	40	30.33	76		10	135
		BP020685.D	Nitrobenzene-d5	40	30.71	77		10	135
			2-Nitrophenol-d4	40	34.95	87		10	120
		BP020657.D	2-Nitrophenol-d4	40	33.70	84		10	120
			2,4-Dichlorophenol-d3	40	28.61	72		10	140
		BP020685.D	2,4-Dichlorophenol-d3	40	29.22	73		10	140
			4-Chloroaniline-d4	40	29.47	74		1	145
		BP020657.D	4-Chloroaniline-d4	40	29.56	74		1	145
			Dimethylphthalate-d6	40	31.70	79		10	145
		BP020685.D	Dimethylphthalate-d6	40	31.57	79		10	145
			Acenaphthylene-d8	40	29.18	73		15	120
		BP020657.D	Acenaphthylene-d8	40	28.80	72		15	120
			4-Nitrophenol-d4	40	31.75	79		10	150
		BP020685.D	4-Nitrophenol-d4	40	29.56	74		10	150
			Fluorene-d10	40	30.13	75		20	140
		BP020657.D	Fluorene-d10	40	31.21	78		20	140
			4,6-Dinitro-2-methylphenol-d2	40	31.13	78		10	130
		BP020685.D	4,6-Dinitro-2-methylphenol-d2	40	29.65	74		10	130
			Anthracene-d10	40	29.92	75		10	150
		BP020657.D	Anthracene-d10	40	29.85	75		10	150
			Pyrene-d10	40	30.11	75		10	130
		BP020685.D	Pyrene-d10	40	31.30	78		10	130
			Benzo(a)pyrene-d12	40	31.74	79		10	140
		BP020657.D	Benzo(a)pyrene-d12	40	31.95	80		10	140
		BP020679.D	1,4-Dioxane-d8	8	5.97	75		15	120



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Surrogate Summary

SW-846

SDG No.: BP062724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161614BS	PB161614BS	BP020679.D	Pyridine-d5	40	29.15	73		20	120
			Phenol-d5	40	35.60	89		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.86	82		10	150
			2-Chlorophenol-d4	40	35.07	88		15	120
			4-Methylphenol-d8	40	34.79	87		10	140
			Nitrobenzene-d5	40	38.31	96		10	135
			2-Nitrophenol-d4	40	43.70	109		10	120
			2,4-Dichlorophenol-d3	40	38.49	96		10	140
			4-Chloroaniline-d4	40	33.95	85		1	145
			Dimethylphthalate-d6	40	38.21	96		10	145
			Acenaphthylene-d8	40	35.99	90		15	120
			4-Nitrophenol-d4	40	36.94	92		10	150
			Fluorene-d10	40	35.90	90		20	140
			4,6-Dinitro-2-methylphenol-d2	40	41.98	105		10	130
			Anthracene-d10	40	35.21	88		10	150
			Pyrene-d10	40	36.22	91		10	130
			Benzo(a)pyrene-d12	40	37.78	94		10	140



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Surrogate Summary

SW-846

SDG No.: BP062724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161716BL	PB161716BL	BP020670.D	1,4-Dioxane-d8	8	5.36	67		15	120
			Pyridine-d5	40	23.72	59		20	120
			Phenol-d5	40	27.16	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.24	68		25	120
			2-Chlorophenol-d4	40	27.40	68		20	130
			4-Methylphenol-d8	40	27.29	68		25	125
			Nitrobenzene-d5	40	31.19	78		20	125
			2-Nitrophenol-d4	40	35.83	90		20	130
			2,4-Dichlorophenol-d3	40	29.34	73		20	120
			4-Chloroaniline-d4	40	24.32	61		1	146
			Dimethylphthalate-d6	40	31.13	78		25	130
			Acenaphthylene-d8	40	29.11	73		10	130
			4-Nitrophenol-d4	40	29.03	73		10	150
			Fluorene-d10	40	30.67	77		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.17	75		10	130
			Anthracene-d10	40	29.55	74		25	130
			Pyrene-d10	40	31.81	80		15	130
			Benzo(a)pyrene-d12	40	30.72	77		20	130