

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG062424 SAS No.: BG062424 SDG No.: BG062424
Instrument ID: BNA_G Calibration Date/Time: 6/24/2024 1:09:37
Lab File ID: BG061668.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020533 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.688	0.555	0.010	-19.4088	40.0
Benzaldehyde	1.068	1.251	0.010	17.1011	40.0
Pyridine	1.799	1.717	0.010	-4.6001	40.0
Phenol	2.285	2.258	0.080	-1.172	20.0
Bis(2-Chloroethyl)ether	1.720	1.697	0.100	-1.316	20.0
2-Chlorophenol	1.495	1.539	0.200	2.9584	20.0
2-Methylphenol	1.599	1.628	0.010	1.8401	20.0
2,2-oxybis(1-Chloropropane)	3.513	3.757	0.010	6.9404	40.0
Acetophenone	2.764	2.993	0.060	8.2958	20.0
4-Methylphenol	1.791	1.888	0.010	5.4386	20.0
N-Nitroso-di-n-propylamine	1.485	1.660	0.050	11.7977	30.0
Hexachloroethane	0.599	0.602	0.100	0.4847	20.0
Nitrobenzene	0.391	0.407	0.050	4.0901	25.0
Isophorone	0.900	0.881	0.050	-2.0721	25.0
2-Nitrophenol	0.144	0.171	0.050	19.2328	25.0
2,4-Dimethylphenol	0.402	0.396	0.050	-1.6221	25.0
Bis(2-Chloroethoxy)methane	0.509	0.519	0.050	2.0705	20.0
2,4-Dichlorophenol	0.298	0.310	0.060	3.883	20.0
Naphthalene	1.119	1.073	0.200	-4.151	20.0
4-Chloroaniline	0.489	0.484	0.010	-1.0234	40.0
Hexachlorobutadiene	0.206	0.205	0.040	-0.7171	30.0
Caprolactam	0.123	0.127	0.010	2.6985	40.0
4-Chloro-3-methylphenol	0.417	0.436	0.040	4.5689	25.0
1-Methylnaphthalene	0.843	0.832	0.100	-1.2603	20.0
2-Methylnaphthalene	0.790	0.793	0.100	0.4835	20.0
Hexachlorocyclopentadiene	0.337	0.291	0.010	-13.4532	40.0
2,4,6-Trichlorophenol	0.365	0.387	0.090	5.9869	25.0
2,4,5-Trichlorophenol	0.398	0.439	0.100	10.2072	25.0
1,1-Biphenyl	1.449	1.472	0.200	1.6331	20.0
2-Chloronaphthalene	1.113	1.095	0.300	-1.575	20.0
2-Nitroaniline	0.381	0.445	0.050	16.7305	40.0
Dimethylphthalate	1.528	1.497	0.300	-2.0232	20.0
2,6-Dinitrotoluene	0.254	0.303	0.080	19.625	30.0
Acenaphthylene	1.883	1.884	0.400	0.0854	20.0
3-Nitroaniline	0.260	0.299	0.010	15.2678	40.0
Acenaphthene	1.304	1.308	0.200	0.3327	20.0
2,4-Dinitrophenol	0.129	0.134	0.010	3.6411	40.0
4-Nitrophenol	0.273	0.274	0.010	0.3265	40.0
Dibenzofuran	1.825	1.816	0.300	-0.4538	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG062424 SAS No.: BG062424 SDG No.: BG062424

Instrument ID: BNA_G Calibration Date/Time: 6/24/2024 1:09:37

Lab File ID: BG061668.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020533 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.376	0.452	0.070	20.1043	30.0
Diethylphthalate	1.574	1.624	0.300	3.1416	20.0
Fluorene	1.510	1.547	0.200	2.4271	20.0
4-Chlorophenyl-phenylether	0.750	0.779	0.100	3.8669	20.0
4-Nitroaniline	0.275	0.305	0.010	11.0085	40.0
4,6-Dinitro-2-methylphenol	0.097	0.098	0.010	0.7848	40.0
N-Nitrosodiphenylamine	0.517	0.538	0.050	4.0765	20.0
1,2,4,5-Tetrachlorobenzene	0.566	0.568	0.100	0.3449	20.0
4-Bromophenyl-phenylether	0.206	0.219	0.070	6.4393	20.0
Hexachlorobenzene	0.250	0.246	0.050	-1.5124	25.0
Atrazine	0.207	0.211	0.010	1.9479	25.0
Pentachlorophenol	0.152	0.146	0.010	-3.8511	40.0
Phenanthrene	1.052	1.027	0.200	-2.4263	20.0
Pentachlorobenzene	0.268	0.272	0.050	1.5585	20.0
Anthracene	1.076	1.063	0.200	-1.2094	20.0
1,2,3,4-Tetrachlorobenzene	0.223	0.224	0.050	0.5321	20.0
Carbazole	0.914	0.915	0.050	0.1577	40.0
Di-n-butylphthalate	1.093	1.172	0.500	7.277	25.0
Fluoranthene	1.296	1.378	0.400	6.3418	25.0
Pyrene	1.378	1.440	0.400	4.4711	25.0
Butylbenzylphthalate	0.502	0.596	0.100	18.7307	40.0
3,3-Dichlorobenzidine	0.423	0.480	0.010	13.4607	40.0
Benzo (a) anthracene	1.404	1.409	0.300	0.3502	30.0
Chrysene	1.328	1.328	0.200	-0.0194	30.0
Bis(2-ethylhexyl)phthalate	0.738	0.880	0.200	19.3088	40.0
Di-n-octyl phthalate	1.055	1.315	0.010	24.7058	40.0
Benzo (b) fluoranthene	1.202	1.210	0.200	0.6274	25.0
Benzo (k) fluoranthene	1.236	1.254	0.200	1.3955	25.0
Benzo (a) pyrene	1.157	1.148	0.200	-0.8405	20.0
Indeno (1,2,3-cd) pyrene	1.442	1.459	0.200	1.131	25.0
Dibenzo (a,h) anthracene	1.199	1.202	0.200	0.2243	30.0
Benzo (g,h,i) perylene	1.163	1.126	0.200	-3.1738	30.0
2,3,4,6-Tetrachlorophenol	0.390	0.404	0.040	3.4685	20.0
1,4-Dioxane-d8	0.554	0.542	0.010	-2.0915	25.0
Pyridine-d5	1.674	1.629	0.010	-2.6554	40.0
Phenol-d5	2.171	2.166	0.010	-0.2358	25.0
Bis- (2-Chloroethyl) ether-d8	1.353	1.334	0.050	-1.4681	25.0
2-Chlorophenol-d4	1.490	1.476	0.200	-0.9147	20.0
4-Methylphenol-d8	1.678	1.765	0.010	5.1286	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BG062424 SAS No.: BG062424 SDG No.: BG062424
 Instrument ID: BNA_G Calibration Date/Time: 6/24/2024 1:09:37
 Lab File ID: BG061668.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020533 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.136	0.146	0.050	7.5461	20.0
2-Nitrophenol-d4	0.138	0.170	0.050	23.891	30.0
2,4-Dichlorophenol-d3	0.326	0.334	0.060	2.6459	20.0
4-Chloroaniline-d4	0.493	0.494	0.010	0.2892	40.0
Dimethylphthalate-d6	1.539	1.528	0.300	-0.6873	20.0
Acenaphthylene-d8	1.687	1.695	0.400	0.4761	20.0
4-Nitrophenol-d4	0.264	0.276	0.010	4.3806	40.0
Fluorene-d10	1.347	1.377	0.100	2.1819	20.0
4,6-Dinitro-2-methylphenol-d2	0.086	0.090	0.010	4.6612	40.0
Anthracene-d10	0.913	0.907	0.300	-0.662	20.0
Pyrene-d10	1.117	1.173	0.300	4.977	25.0
Benzo(a)pyrene-d12	0.955	0.976	0.010	2.1336	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.: BG062424 SAS No.: BG062424 SDG No.: BG062424

Instrument ID: BNA_G Calibration Date/Time: 6/24/2024 1:16:52

Lab File ID: BG061678.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020534 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.688	0.664	0.010	-3.5511	40.0
Benzaldehyde	1.068	1.252	0.010	17.137	40.0
Pyridine	1.799	1.755	0.010	-2.4934	40.0
Phenol	2.285	2.211	0.080	-3.2333	20.0
Bis(2-Chloroethyl) ether	1.720	1.747	0.100	1.5895	20.0
2-Chlorophenol	1.495	1.570	0.200	5.004	20.0
2-Methylphenol	1.599	1.687	0.010	5.5095	20.0
2,2-oxybis(1-Chloropropane)	3.513	3.634	0.010	3.4231	40.0
Acetophenone	2.764	2.744	0.060	-0.727	20.0
4-Methylphenol	1.791	1.852	0.010	3.437	20.0
N-Nitroso-di-n-propylamine	1.485	1.507	0.050	1.4733	30.0
Hexachloroethane	0.599	0.629	0.100	4.9069	20.0
Nitrobenzene	0.391	0.427	0.050	9.2382	25.0
Isophorone	0.900	0.839	0.050	-6.696	25.0
2-Nitrophenol	0.144	0.168	0.050	16.9857	25.0
2,4-Dimethylphenol	0.402	0.396	0.050	-1.6148	25.0
Bis(2-Chloroethoxy) methane	0.509	0.477	0.050	-6.2989	20.0
2,4-Dichlorophenol	0.298	0.309	0.060	3.6092	20.0
Naphthalene	1.119	1.110	0.200	-0.782	20.0
4-Chloroaniline	0.489	0.460	0.010	-5.8961	40.0
Hexachlorobutadiene	0.206	0.218	0.040	5.8066	30.0
Caprolactam	0.123	0.125	0.010	1.4677	40.0
4-Chloro-3-methylphenol	0.417	0.427	0.040	2.3364	25.0
1-Methylnaphthalene	0.843	0.813	0.100	-3.5235	20.0
2-Methylnaphthalene	0.790	0.784	0.100	-0.7058	20.0
Hexachlorocyclopentadiene	0.337	0.277	0.010	-17.8277	40.0
2,4,6-Trichlorophenol	0.365	0.396	0.090	8.3972	25.0
2,4,5-Trichlorophenol	0.398	0.445	0.100	11.8662	25.0
1,1-Biphenyl	1.449	1.476	0.200	1.899	20.0
2-Chloronaphthalene	1.113	1.150	0.300	3.3048	20.0
2-Nitroaniline	0.381	0.461	0.050	21.0154	40.0
Dimethylphthalate	1.528	1.486	0.300	-2.741	20.0
2,6-Dinitrotoluene	0.254	0.321	0.080	26.6812	30.0
Acenaphthylene	1.883	1.880	0.400	-0.1673	20.0
3-Nitroaniline	0.260	0.323	0.010	24.29	40.0
Acenaphthene	1.304	1.306	0.200	0.1399	20.0
2,4-Dinitrophenol	0.129	0.150	0.010	16.7071	40.0
4-Nitrophenol	0.273	0.301	0.010	10.433	40.0
Dibenzofuran	1.825	1.878	0.300	2.9063	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG062424 SAS No.: BG062424 SDG No.: BG062424
Instrument ID: BNA_G Calibration Date/Time: 6/24/2024 1:16:52
Lab File ID: BG061678.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020534 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.376	0.473	0.070	25.5502	30.0
Diethylphthalate	1.574	1.622	0.300	3.0347	20.0
Fluorene	1.510	1.565	0.200	3.6513	20.0
4-Chlorophenyl-phenylether	0.750	0.781	0.100	4.1617	20.0
4-Nitroaniline	0.275	0.322	0.010	16.8811	40.0
4,6-Dinitro-2-methylphenol	0.097	0.105	0.010	8.2425	40.0
N-Nitrosodiphenylamine	0.517	0.534	0.050	3.2157	20.0
1,2,4,5-Tetrachlorobenzene	0.566	0.572	0.100	1.0982	20.0
4-Bromophenyl-phenylether	0.206	0.217	0.070	5.2841	20.0
Hexachlorobenzene	0.250	0.256	0.050	2.4105	25.0
Atrazine	0.207	0.211	0.010	2.0244	25.0
Pentachlorophenol	0.152	0.152	0.010	-0.0786	40.0
Phenanthrene	1.052	1.008	0.200	-4.1726	20.0
Pentachlorobenzene	0.268	0.266	0.050	-0.5936	20.0
Anthracene	1.076	1.053	0.200	-2.1728	20.0
1,2,3,4-Tetrachlorobenzene	0.223	0.232	0.050	3.989	20.0
Carbazole	0.914	0.911	0.050	-0.3062	40.0
Di-n-butylphthalate	1.093	1.159	0.500	6.0305	25.0
Fluoranthene	1.296	1.386	0.400	6.9312	25.0
Pyrene	1.378	1.440	0.400	4.4854	25.0
Butylbenzylphthalate	0.502	0.616	0.100	22.7023	40.0
3,3-Dichlorobenzidine	0.423	0.489	0.010	15.7308	40.0
Benzo (a) anthracene	1.404	1.415	0.300	0.7615	30.0
Chrysene	1.328	1.324	0.200	-0.3454	30.0
Bis(2-ethylhexyl)phthalate	0.738	0.849	0.200	15.1474	40.0
Di-n-octyl phthalate	1.055	1.242	0.010	17.7551	40.0
Benzo (b) fluoranthene	1.202	1.205	0.200	0.2142	25.0
Benzo (k) fluoranthene	1.236	1.228	0.200	-0.6614	25.0
Benzo (a) pyrene	1.157	1.137	0.200	-1.7911	20.0
Indeno (1,2,3-cd) pyrene	1.442	1.453	0.200	0.737	25.0
Dibenzo (a,h) anthracene	1.199	1.213	0.200	1.1467	30.0
Benzo (g,h,i) perylene	1.163	1.061	0.200	-8.7033	30.0
2,3,4,6-Tetrachlorophenol	0.390	0.426	0.040	9.2625	20.0
1,4-Dioxane-d8	0.554	0.620	0.010	11.9121	25.0
Pyridine-d5	1.674	1.727	0.010	3.1924	40.0
Phenol-d5	2.171	2.215	0.010	2.0121	25.0
Bis- (2-Chloroethyl) ether-d8	1.353	1.335	0.050	-1.353	25.0
2-Chlorophenol-d4	1.490	1.574	0.200	5.613	20.0
4-Methylphenol-d8	1.678	1.776	0.010	5.781	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BG062424 SAS No.: BG062424 SDG No.: BG062424
 Instrument ID: BNA_G Calibration Date/Time: 6/24/2024 1:16:52
 Lab File ID: BG061678.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020534 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.136	0.150	0.050	10.4717	20.0
2-Nitrophenol-d4	0.138	0.175	0.050	27.2449	30.0
2,4-Dichlorophenol-d3	0.326	0.334	0.060	2.633	20.0
4-Chloroaniline-d4	0.493	0.499	0.010	1.1134	40.0
Dimethylphthalate-d6	1.539	1.554	0.300	0.99	20.0
Acenaphthylene-d8	1.687	1.724	0.400	2.2147	20.0
4-Nitrophenol-d4	0.264	0.297	0.010	12.2387	40.0
Fluorene-d10	1.347	1.409	0.100	4.5694	20.0
4,6-Dinitro-2-methylphenol-d2	0.086	0.095	0.010	10.9892	40.0
Anthracene-d10	0.913	0.905	0.300	-0.8744	20.0
Pyrene-d10	1.117	1.202	0.300	7.5979	25.0
Benzo(a)pyrene-d12	0.955	0.973	0.010	1.905	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.: BG062424 SAS No.: BG062424 SDG No.: BG062424

Instrument ID: BNA_G Calibration Date/Time: 6/25/2024 1:04:22

Lab File ID: BG061694.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020535 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.688	0.622	0.010	-9.5543	40.0
Benzaldehyde	1.068	1.196	0.010	11.9069	40.0
Pyridine	1.799	1.629	0.010	-9.4971	40.0
Phenol	2.285	2.284	0.080	-0.0439	20.0
Bis(2-Chloroethyl)ether	1.720	1.662	0.100	-3.3506	20.0
2-Chlorophenol	1.495	1.495	0.200	0.0385	20.0
2-Methylphenol	1.599	1.605	0.010	0.3732	20.0
2,2-oxybis(1-Chloropropane)	3.513	3.807	0.010	8.3478	40.0
Acetophenone	2.764	2.837	0.060	2.6396	20.0
4-Methylphenol	1.791	1.792	0.010	0.0591	20.0
N-Nitroso-di-n-propylamine	1.485	1.512	0.050	1.8275	30.0
Hexachloroethane	0.599	0.633	0.100	5.5429	20.0
Nitrobenzene	0.391	0.443	0.050	13.3055	25.0
Isophorone	0.900	0.866	0.050	-3.7505	25.0
2-Nitrophenol	0.144	0.172	0.050	19.6523	25.0
2,4-Dimethylphenol	0.402	0.408	0.050	1.3904	25.0
Bis(2-Chloroethoxy)methane	0.509	0.511	0.050	0.4874	20.0
2,4-Dichlorophenol	0.298	0.311	0.060	4.1089	20.0
Naphthalene	1.119	1.099	0.200	-1.8233	20.0
4-Chloroaniline	0.489	0.483	0.010	-1.3087	40.0
Hexachlorobutadiene	0.206	0.215	0.040	4.1361	30.0
Caprolactam	0.123	0.129	0.010	4.2402	40.0
4-Chloro-3-methylphenol	0.417	0.421	0.040	0.9761	25.0
1-Methylnaphthalene	0.843	0.823	0.100	-2.3078	20.0
2-Methylnaphthalene	0.790	0.817	0.100	3.4549	20.0
Hexachlorocyclopentadiene	0.337	0.292	0.010	-13.4001	40.0
2,4,6-Trichlorophenol	0.365	0.396	0.090	8.4428	25.0
2,4,5-Trichlorophenol	0.398	0.438	0.100	10.0137	25.0
1,1-Biphenyl	1.449	1.486	0.200	2.5483	20.0
2-Chloronaphthalene	1.113	1.116	0.300	0.2447	20.0
2-Nitroaniline	0.381	0.458	0.050	20.1285	40.0
Dimethylphthalate	1.528	1.467	0.300	-4.0032	20.0
2,6-Dinitrotoluene	0.254	0.324	0.080	27.7822	30.0
Acenaphthylene	1.883	1.869	0.400	-0.7331	20.0
3-Nitroaniline	0.260	0.320	0.010	23.0721	40.0
Acenaphthene	1.304	1.289	0.200	-1.1783	20.0
2,4-Dinitrophenol	0.129	0.153	0.010	18.5468	40.0
4-Nitrophenol	0.273	0.284	0.010	3.8864	40.0
Dibenzofuran	1.825	1.849	0.300	1.3603	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG062424 SAS No.: BG062424 SDG No.: BG062424
Instrument ID: BNA_G Calibration Date/Time: 6/25/2024 1:04:22
Lab File ID: BG061694.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020535 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.376	0.473	0.070	25.5303	30.0
Diethylphthalate	1.574	1.632	0.300	3.7005	20.0
Fluorene	1.510	1.507	0.200	-0.2362	20.0
4-Chlorophenyl-phenylether	0.750	0.778	0.100	3.7596	20.0
4-Nitroaniline	0.275	0.321	0.010	16.6221	40.0
4,6-Dinitro-2-methylphenol	0.097	0.106	0.010	8.9166	40.0
N-Nitrosodiphenylamine	0.517	0.522	0.050	0.9586	20.0
1,2,4,5-Tetrachlorobenzene	0.566	0.571	0.100	0.8656	20.0
4-Bromophenyl-phenylether	0.206	0.220	0.070	6.759	20.0
Hexachlorobenzene	0.250	0.251	0.050	0.6285	25.0
Atrazine	0.207	0.219	0.010	6.1442	25.0
Pentachlorophenol	0.152	0.140	0.010	-7.865	40.0
Phenanthrene	1.052	1.032	0.200	-1.8849	20.0
Pentachlorobenzene	0.268	0.276	0.050	3.2683	20.0
Anthracene	1.076	1.078	0.200	0.231	20.0
1,2,3,4-Tetrachlorobenzene	0.223	0.231	0.050	3.7632	20.0
Carbazole	0.914	0.920	0.050	0.6722	40.0
Di-n-butylphthalate	1.093	1.209	0.500	10.6733	25.0
Fluoranthene	1.296	1.380	0.400	6.4714	25.0
Pyrene	1.378	1.421	0.400	3.0685	25.0
Butylbenzylphthalate	0.502	0.596	0.100	18.7376	40.0
3,3-Dichlorobenzidine	0.423	0.506	0.010	19.6001	40.0
Benzo (a) anthracene	1.404	1.402	0.300	-0.1276	30.0
Chrysene	1.328	1.327	0.200	-0.1112	30.0
Bis(2-ethylhexyl)phthalate	0.738	0.882	0.200	19.5964	40.0
Di-n-octyl phthalate	1.055	1.252	0.010	18.6559	40.0
Benzo (b) fluoranthene	1.202	1.199	0.200	-0.2384	25.0
Benzo (k) fluoranthene	1.236	1.214	0.200	-1.8291	25.0
Benzo (a) pyrene	1.157	1.157	0.200	-0.064	20.0
Indeno (1,2,3-cd) pyrene	1.442	1.433	0.200	-0.6635	25.0
Dibenzo (a,h) anthracene	1.199	1.154	0.200	-3.7879	30.0
Benzo (g,h,i) perylene	1.163	1.118	0.200	-3.8033	30.0
2,3,4,6-Tetrachlorophenol	0.390	0.413	0.040	5.8017	20.0
1,4-Dioxane-d8	0.554	0.552	0.010	-0.385	25.0
Pyridine-d5	1.674	1.603	0.010	-4.2078	40.0
Phenol-d5	2.171	2.140	0.010	-1.4297	25.0
Bis- (2-Chloroethyl) ether-d8	1.353	1.350	0.050	-0.2434	25.0
2-Chlorophenol-d4	1.490	1.448	0.200	-2.8306	20.0
4-Methylphenol-d8	1.678	1.705	0.010	1.5721	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG062424 SAS No.: BG062424 SDG No.: BG062424

Instrument ID: BNA_G Calibration Date/Time: 6/25/2024 1:04:22

Lab File ID: BG061694.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020535 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.136	0.155	0.050	14.4953	20.0
2-Nitrophenol-d4	0.138	0.174	0.050	26.2665	30.0
2,4-Dichlorophenol-d3	0.326	0.344	0.060	5.7286	20.0
4-Chloroaniline-d4	0.493	0.499	0.010	1.1076	40.0
Dimethylphthalate-d6	1.539	1.521	0.300	-1.1819	20.0
Acenaphthylene-d8	1.687	1.697	0.400	0.6018	20.0
4-Nitrophenol-d4	0.264	0.283	0.010	7.0742	40.0
Fluorene-d10	1.347	1.382	0.100	2.595	20.0
4,6-Dinitro-2-methylphenol-d2	0.086	0.101	0.010	18.4571	40.0
Anthracene-d10	0.913	0.923	0.300	1.0974	20.0
Pyrene-d10	1.117	1.152	0.300	3.074	25.0
Benzo(a)pyrene-d12	0.955	0.957	0.010	0.1701	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	SBLK483	SDG No.:	BG062424
Lab Sample ID:	PB161483BL	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
BG061669.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	58	U	58	82.5	330	ug/Kg
110-86-1	Pyridine	77	U	77	170	330	ug/Kg
108-95-2	Phenol	30	U	30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	29	U	29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	31	U	31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	82.5	330	ug/Kg
98-86-2	Acetophenone	66	U	66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	53	U	53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	79	U	79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	61	U	61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	64	U	64	42.5	170	ug/Kg
78-59-1	Isophorone	66	U	66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	42.5	170	ug/Kg
91-20-3	Naphthalene	24	U	24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	42.5	170	ug/Kg
105-60-2	Caprolactam	64	U	64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	24	U	24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33	U	33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	SBLK483	SDG No.:	BG062424
Lab Sample ID:	PB161483BL	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
BG061669.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	20	U	20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	29	U	29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	66	U	66	82.5	330	ug/Kg
83-32-9	Acenaphthene	26	U	26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	27	U	27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	33	U	33	42.5	170	ug/Kg
86-73-7	Fluorene	27	U	27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	24	U	24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38	U	38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	24	U	24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	26	U	26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	28	U	28	42.5	170	ug/Kg
1912-24-9	Atrazine	28	U	28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	82.5	330	ug/Kg
85-01-8	Phenanthrene	27	U	27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	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	17	U	17	42.5	170	ug/Kg
86-74-8	Carbazole	34	U	34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	27	U	27	42.5	170	ug/Kg
206-44-0	Fluoranthene	19	U	19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	SBLK483	SDG No.:	BG062424
Lab Sample ID:	PB161483BL	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
BG061669.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	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	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.309		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	26.527		20-120		66	SPK: -40
4165-62-2	Phenol-d5	25.675		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.485		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.47		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	27.105		10-140		68	SPK: -40
4165-60-0	Nitrobenzene-d5	31.803		10-135		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.467		10-120		94	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.732		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.483		1-145		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.687		10-145		77	SPK: -40
93951-97-4	Acenaphthylene-d8	29.255		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.209		10-150		81	SPK: -40
81103-79-9	Fluorene-d10	31.012		20-140		78	SPK: -40

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	SBLK483	SDG No.:	BG062424
Lab Sample ID:	PB161483BL	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
BG061669.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.036		10-130		73	SPK: -40
1719-06-8	Anthracene-d10	29.779		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	31.815		10-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.656		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53926	8.076				
1146-65-2	Naphthalene-d8	270867	10.89				
15067-26-2	Acenaphthene-d10	224136	14.703				
1517-22-2	Phenanthrene-d10	582803	17.447				
1719-03-5	Chrysene-d12	512822	21.713				
1520-96-3	Perylene-d12	580827	24.944				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4DK2	SDG No.:	BG062424
Lab Sample ID:	P2775-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061670.D	1	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	6.6	66	ug/Kg
100-52-7	Benzaldehyde	58	U	58	82	330	ug/Kg
110-86-1	Pyridine	76	U	76	160	330	ug/Kg
108-95-2	Phenol	4000		30	82	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300		29	82	330	ug/Kg
95-57-8	2-Chlorophenol	2600		28	42.2	170	ug/Kg
95-48-7	2-Methylphenol	31	U	31	82	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	82	330	ug/Kg
98-86-2	Acetophenone	66	U	66	82	330	ug/Kg
106-44-5	4-Methylphenol	53	U	53	82	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	4000	E	78	42.2	170	ug/Kg
67-72-1	Hexachloroethane	3700	E	61	42.2	170	ug/Kg
98-95-3	Nitrobenzene	1500		64	42.2	170	ug/Kg
78-59-1	Isophorone	66	U	66	42.2	170	ug/Kg
88-75-5	2-Nitrophenol	2200		60	42.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	42.2	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	2200		45	42.2	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1900		38	42.2	170	ug/Kg
91-20-3	Naphthalene	4500	E	24	42.2	170	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	42.2	330	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	42.2	170	ug/Kg
105-60-2	Caprolactam	64	U	64	82	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3200	E	41	42.2	170	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	42.2	170	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	42.2	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	96	U	96	82	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2400		24	42.2	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4900	E	33	42.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4DK2	SDG No.:	BG062424
Lab Sample ID:	P2775-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061670.D	1	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	42.2	170	ug/Kg
91-58-7	2-Chloronaphthalene	2300		33	42.2	170	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	42.2	170	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	42.2	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	8100	E	20	42.2	170	ug/Kg
208-96-8	Acenaphthylene	4600	E	29	42.2	170	ug/Kg
99-09-2	3-Nitroaniline	66	U	66	82	330	ug/Kg
83-32-9	Acenaphthene	3600	E	26	42.2	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	82	330	ug/Kg
100-02-7	4-Nitrophenol	4700		44	82	330	ug/Kg
132-64-9	Dibenzofuran	27	U	27	42.2	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	4500	E	35	42.2	170	ug/Kg
84-66-2	Diethylphthalate	5100	E	33	42.2	170	ug/Kg
86-73-7	Fluorene	1400		27	42.2	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4300	E	20	42.2	170	ug/Kg
100-01-6	4-Nitroaniline	24	U	24	82	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38	U	38	82	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	24	U	24	42.2	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	42.2	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	26	U	26	42.2	170	ug/Kg
118-74-1	Hexachlorobenzene	6700	E	28	42.2	170	ug/Kg
1912-24-9	Atrazine	28	U	28	82	330	ug/Kg
87-86-5	Pentachlorophenol	6000	E	87	82	330	ug/Kg
85-01-8	Phenanthrene	1700		27	42.2	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	42.2	170	ug/Kg
120-12-7	Anthracene	2200		25	42.2	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	42.2	170	ug/Kg
86-74-8	Carbazole	34	U	34	82	330	ug/Kg
84-74-2	Di-n-butylphthalate	4400	E	27	42.2	170	ug/Kg
206-44-0	Fluoranthene	4800	E	19	82	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4DK2	SDG No.:	BG062424
Lab Sample ID:	P2775-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061670.D	1	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2500		18	42.2	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.2	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82	330	ug/Kg
56-55-3	Benzo(a)anthracene	3400	E	23	42.2	170	ug/Kg
218-01-9	Chrysene	4400	E	24	42.2	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	6600	E	25	42.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.2	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	4500	E	38	42.2	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.2	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.2	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5200	E	26	42.2	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.2	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.706		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	24.459		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.958		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.717		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	26.373		10-140		66	SPK: -40
4165-60-0	Nitrobenzene-d5	30.674		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.494		10-120		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.663		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.821		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.347		10-145		81	SPK: -40
93951-97-4	Acenaphthylene-d8	31.489		15-120		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.475		10-150		81	SPK: -40
81103-79-9	Fluorene-d10	33.077		20-140		83	SPK: -40

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4DK2	SDG No.:	BG062424
Lab Sample ID:	P2775-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061670.D	1	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.006		10-130		85	SPK: -40
1719-06-8	Anthracene-d10	32.793		10-150		82	SPK: -40
1718-52-1	Pyrene-d10	36.629		10-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.21		10-140		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67039	8.076				
1146-65-2	Naphthalene-d8	340449	10.89				
15067-26-2	Acenaphthene-d10	238578	14.704				
1517-22-2	Phenanthrene-d10	546027	17.447				
1719-03-5	Chrysene-d12	426920	21.719				
1520-96-3	Perylene-d12	540812	24.945				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-73-1	Benzene, 1,3-dichloro-	150	J			7.964	
000106-46-7	Benzene, 1,4-dichloro-	430	J			8.434	
000770-35-4	1-Phenoxypropan-2-ol	80	J			11.625	
000608-93-5	Benzene, pentachloro-	80	J			15.015	
006306-07-6	1-Acenaphthenol	70	J			16.413	
005129-66-8	Tetradecanoic acid, 12-methyl-, me	220	J			17.224	
	unknown-01	120	J			18.053	
001731-88-0	Tridecanoic acid, methyl ester	200	J			18.117	
000057-10-3	n-Hexadecanoic acid	440	J			18.335	
025779-85-5	Cyclopentaneundecanoic acid, methy	190	J			18.693	
000084-65-1	9,10-Anthracenedione	310	J			18.858	
056554-49-5	16-Octadecenoic acid, methyl ester	110	J			19.281	
	(DEL) Alkane: Straight-Chain24.081	84	J			24.081	
1000336-26-9	Methyl 22-methyl-tetracosanoate	88	J			24.369	
	(DEL) Alkane: Straight-Chain26.208	190	J			26.208	
	(DEL) Alkane: Straight-Chain26.325	330	J			26.325	
E966796	Total Alkanes	600				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4DK2	SDG No.:	BG062424
Lab Sample ID:	P2775-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2	Units:	g
Soil Aliquot Vol:		Final Vol:	500
Extraction Type :		Test:	
Injection Volume :		Level :	LOW
		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061670.D	1	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

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

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4DK2DL	SDG No.:	BG062424
Lab Sample ID:	P2775-06DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061671.D	5	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	130	U	130	32.8	330	ug/Kg
100-52-7	Benzaldehyde	290	U	290	410	1600	ug/Kg
110-86-1	Pyridine	380	U	380	820	1600	ug/Kg
108-95-2	Phenol	4100	D	150	410	1600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300	JD	140	410	1600	ug/Kg
95-57-8	2-Chlorophenol	2700	D	140	210	840	ug/Kg
95-48-7	2-Methylphenol	150	U	150	410	1600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	200	U	200	410	1600	ug/Kg
98-86-2	Acetophenone	330	U	330	410	1600	ug/Kg
106-44-5	4-Methylphenol	260	U	260	410	1600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	4300	D	390	210	840	ug/Kg
67-72-1	Hexachloroethane	3800	D	300	210	840	ug/Kg
98-95-3	Nitrobenzene	1400	D	320	210	840	ug/Kg
78-59-1	Isophorone	330	U	330	210	840	ug/Kg
88-75-5	2-Nitrophenol	1900	D	300	210	840	ug/Kg
105-67-9	2,4-Dimethylphenol	160	U	160	210	840	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	2200	D	220	210	840	ug/Kg
120-83-2	2,4-Dichlorophenol	2000	D	190	210	840	ug/Kg
91-20-3	Naphthalene	4800	D	120	210	840	ug/Kg
106-47-8	4-Chloroaniline	180	U	180	210	1600	ug/Kg
87-68-3	Hexachlorobutadiene	170	U	170	210	840	ug/Kg
105-60-2	Caprolactam	320	U	320	410	1600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3500	D	200	210	840	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	210	840	ug/Kg
91-57-6	2-Methylnaphthalene	160	U	160	210	840	ug/Kg
77-47-4	Hexachlorocyclopentadiene	480	U	480	410	1600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2400	D	120	210	840	ug/Kg
95-95-4	2,4,5-Trichlorophenol	5000	D	160	210	840	ug/Kg



Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4DK2DL	SDG No.:	BG062424
Lab Sample ID:	P2775-06DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061671.D	5	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	130	U	130	210	840	ug/Kg
91-58-7	2-Chloronaphthalene	2200	D	160	210	840	ug/Kg
88-74-4	2-Nitroaniline	220	U	220	210	840	ug/Kg
131-11-3	Dimethylphthalate	150	U	150	210	840	ug/Kg
606-20-2	2,6-Dinitrotoluene	8000	D	99	210	840	ug/Kg
208-96-8	Acenaphthylene	5200	D	140	210	840	ug/Kg
99-09-2	3-Nitroaniline	330	U	330	410	1600	ug/Kg
83-32-9	Acenaphthene	3900	D	130	210	840	ug/Kg
51-28-5	2,4-Dinitrophenol	650	U	650	410	1600	ug/Kg
100-02-7	4-Nitrophenol	4500	D	220	410	1600	ug/Kg
132-64-9	Dibenzofuran	130	U	130	210	840	ug/Kg
121-14-2	2,4-Dinitrotoluene	4500	D	170	210	840	ug/Kg
84-66-2	Diethylphthalate	6200	D	160	210	840	ug/Kg
86-73-7	Fluorene	1600	D	130	210	840	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4900	D	99	210	840	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	410	1600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	190	U	190	410	1600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	120	U	120	210	840	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	170	U	170	210	840	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	210	840	ug/Kg
118-74-1	Hexachlorobenzene	7300	D	140	210	840	ug/Kg
1912-24-9	Atrazine	140	U	140	410	1600	ug/Kg
87-86-5	Pentachlorophenol	6000	D	440	410	1600	ug/Kg
85-01-8	Phenanthrene	1800	D	130	210	840	ug/Kg
608-93-5	Pentachlorobenzene	180	U	180	210	840	ug/Kg
120-12-7	Anthracene	2300	D	120	210	840	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	84	U	84	210	840	ug/Kg
86-74-8	Carbazole	170	U	170	410	1600	ug/Kg
84-74-2	Di-n-butylphthalate	5800	D	130	210	840	ug/Kg
206-44-0	Fluoranthene	5800	D	94	410	840	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4DK2DL	SDG No.:	BG062424
Lab Sample ID:	P2775-06DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061671.D	5	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2600	D	89	210	840	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	210	840	ug/Kg
91-94-1	3,3-Dichlorobenzidine	260	U	260	410	1600	ug/Kg
56-55-3	Benzo(a)anthracene	3600	D	110	210	840	ug/Kg
218-01-9	Chrysene	4900	D	120	210	840	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	7800	D	120	210	840	ug/Kg
117-84-0	Di-n-octyl phthalate	240	U	240	410	1600	ug/Kg
205-99-2	Benzo(b)fluoranthene	180	U	180	210	840	ug/Kg
207-08-9	Benzo(k)fluoranthene	4900	D	190	210	840	ug/Kg
50-32-8	Benzo(a)pyrene	150	U	150	210	840	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	140	210	840	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5200	D	130	210	840	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	U	160	210	840	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	180	U	180	210	840	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.09		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	24.835		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.78		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.155		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	27.75		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	27.85		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.395		10-120		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.81		10-140		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.125		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.79		10-145		79	SPK: -40
93951-97-4	Acenaphthylene-d8	31.31		15-120		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.52		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	33.945		20-140		85	SPK: -40

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4DK2DL	SDG No.:	BG062424
Lab Sample ID:	P2775-06DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061671.D	5	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.555		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	32.115		10-150		80	SPK: -40
1718-52-1	Pyrene-d10	35.815		10-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.795		10-140		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56969	8.072				
1146-65-2	Naphthalene-d8	314683	10.886				
15067-26-2	Acenaphthene-d10	242791	14.705				
1517-22-2	Phenanthrene-d10	597943	17.449				
1719-03-5	Chrysene-d12	482357	21.715				
1520-96-3	Perylene-d12	574067	24.952				
TENTATIVE IDENTIFIED COMPOUNDS							
000106-46-7	Benzene, 1,4-dichloro-	1300	JD			7.96	
000541-73-1	Benzene, 1,3-dichloro-	3800	JD			8.43	
E966796	Total Alkanes	130	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4DK3	SDG No.:	BG062424
Lab Sample ID:	P2776-17	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
BG061672.D	1	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	58	U	58	82.5	330	ug/Kg
110-86-1	Pyridine	77	U	77	170	330	ug/Kg
108-95-2	Phenol	2200		30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4400		29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	900		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	31	U	31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	82.5	330	ug/Kg
98-86-2	Acetophenone	66	U	66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	53	U	53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2400		79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	61	U	61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1100		64	42.5	170	ug/Kg
78-59-1	Isophorone	66	U	66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	3100	E	60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	3700	E	45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	3600	E	38	42.5	170	ug/Kg
91-20-3	Naphthalene	4500	E	24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	42.5	170	ug/Kg
105-60-2	Caprolactam	64	U	64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	4200	E	41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3800	E	24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4100	E	33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4DK3	SDG No.:	BG062424
Lab Sample ID:	P2776-17	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
BG061672.D	1	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	4100	E	20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	4100	E	29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	66	U	66	82.5	330	ug/Kg
83-32-9	Acenaphthene	3300	E	26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	5700	E	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	2700	E	27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	4300	E	33	42.5	170	ug/Kg
86-73-7	Fluorene	2400		27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4400	E	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	24	U	24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38	U	38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	24	U	24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	26	U	26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	28	U	28	42.5	170	ug/Kg
1912-24-9	Atrazine	28	U	28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	4400		88	82.5	330	ug/Kg
85-01-8	Phenanthrene	27	U	27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	42.5	170	ug/Kg
120-12-7	Anthracene	3900	E	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	42.5	170	ug/Kg
86-74-8	Carbazole	34	U	34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	2000		27	42.5	170	ug/Kg
206-44-0	Fluoranthene	3700	E	19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4DK3	SDG No.:	BG062424
Lab Sample ID:	P2776-17	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
BG061672.D	1	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4200	E	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	5700	E	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	2500		23	42.5	170	ug/Kg
218-01-9	Chrysene	4600	E	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4700	E	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	2100		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	1100		31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3000	E	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	890		26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3400	E	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.951		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	21.213		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.082		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.03		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	18.986		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	24.043		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.887		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.147		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.339		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.662		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	25.14		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.451		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	28.004		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4DK3	SDG No.:	BG062424
Lab Sample ID:	P2776-17	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
BG061672.D	1	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.778		10-130		62	SPK: -40
1719-06-8	Anthracene-d10	25.562		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	28.601		10-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.619		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	47443	8.077				
1146-65-2	Naphthalene-d8	233943	10.891				
15067-26-2	Acenaphthene-d10	168128	14.704				
1517-22-2	Phenanthrene-d10	453252	17.448				
1719-03-5	Chrysene-d12	371581	21.72				
1520-96-3	Perylene-d12	460907	24.945				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	84	J			3.741	
000095-50-1	Benzene, 1,2-dichloro-	4700	J			7.965	
000770-35-4	1-Phenoxypropan-2-ol	93	J			11.626	
001731-86-8	Undecanoic acid, methyl ester	90	J			17.225	
000112-39-0	Hexadecanoic acid, methyl ester	110	J			18.118	
000057-10-3	n-Hexadecanoic acid	300	J			18.335	
000484-17-3	9-Phenanthrenol	130	J			18.7	
000084-65-1	9,10-Anthracenedione	370	J			18.858	
000090-44-8	Anthrone	90	J			19.281	
	(DEL) Alkane: Straight-Chain	24.076	93	J		24.076	
002050-77-3	Decane, 1-iodo-	110	J			26.214	
056554-78-0	7-Heptadecene, 1-chloro-	220	J			26.326	
E966796	Total Alkanes	93				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4DK3DL	SDG No.:	BG062424
Lab Sample ID:	P2776-17DL	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
BG061673.D	5	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	140	U	140	33	330	ug/Kg
110-86-1	Pyridine	390	U	390	830	1700	ug/Kg
100-52-7	Benzaldehyde	290	U	290	410	1700	ug/Kg
108-95-2	Phenol	2000	D	150	410	1700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4300	D	150	410	1700	ug/Kg
95-57-8	2-Chlorophenol	800	JD	140	210	850	ug/Kg
95-48-7	2-Methylphenol	160	U	160	410	1700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	200	U	200	410	1700	ug/Kg
98-86-2	Acetophenone	330	U	330	410	1700	ug/Kg
106-44-5	4-Methylphenol	270	U	270	410	1700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2500	D	400	210	850	ug/Kg
67-72-1	Hexachloroethane	310	U	310	210	850	ug/Kg
98-95-3	Nitrobenzene	930	D	320	210	850	ug/Kg
78-59-1	Isophorone	330	U	330	210	850	ug/Kg
88-75-5	2-Nitrophenol	2800	D	300	210	850	ug/Kg
105-67-9	2,4-Dimethylphenol	160	U	160	210	850	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	3600	D	230	210	850	ug/Kg
120-83-2	2,4-Dichlorophenol	3300	D	190	210	850	ug/Kg
91-20-3	Naphthalene	4300	D	120	210	850	ug/Kg
106-47-8	4-Chloroaniline	180	U	180	210	1700	ug/Kg
87-68-3	Hexachlorobutadiene	180	U	180	210	850	ug/Kg
105-60-2	Caprolactam	320	U	320	410	1700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	4100	D	210	210	850	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	210	850	ug/Kg
91-57-6	2-Methylnaphthalene	160	U	160	210	850	ug/Kg
77-47-4	Hexachlorocyclopentadiene	490	U	490	410	1700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3600	D	120	210	850	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3800	D	170	210	850	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4DK3DL	SDG No.:	BG062424
Lab Sample ID:	P2776-17DL	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
BG061673.D	5	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	130	U	130	210	850	ug/Kg
91-58-7	2-Chloronaphthalene	170	U	170	210	850	ug/Kg
88-74-4	2-Nitroaniline	230	U	230	210	850	ug/Kg
131-11-3	Dimethylphthalate	150	U	150	210	850	ug/Kg
606-20-2	2,6-Dinitrotoluene	3500	D	100	210	850	ug/Kg
208-96-8	Acenaphthylene	4000	D	150	210	850	ug/Kg
99-09-2	3-Nitroaniline	330	U	330	410	1700	ug/Kg
83-32-9	Acenaphthene	3200	D	130	210	850	ug/Kg
51-28-5	2,4-Dinitrophenol	650	U	650	410	1700	ug/Kg
100-02-7	4-Nitrophenol	4300	D	220	410	1700	ug/Kg
132-64-9	Dibenzofuran	2600	D	140	210	850	ug/Kg
121-14-2	2,4-Dinitrotoluene	180	U	180	210	850	ug/Kg
84-66-2	Diethylphthalate	4200	D	170	210	850	ug/Kg
86-73-7	Fluorene	2400	D	140	210	850	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4600	D	100	210	850	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	410	1700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	190	U	190	410	1700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	120	U	120	210	850	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	170	U	170	210	850	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	210	850	ug/Kg
118-74-1	Hexachlorobenzene	140	U	140	210	850	ug/Kg
1912-24-9	Atrazine	140	U	140	410	1700	ug/Kg
87-86-5	Pentachlorophenol	3800	D	440	410	1700	ug/Kg
85-01-8	Phenanthrene	140	U	140	210	850	ug/Kg
608-93-5	Pentachlorobenzene	190	U	190	210	850	ug/Kg
120-12-7	Anthracene	4000	D	130	210	850	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	85	U	85	210	850	ug/Kg
86-74-8	Carbazole	170	U	170	410	1700	ug/Kg
84-74-2	Di-n-butylphthalate	1900	D	140	210	850	ug/Kg
206-44-0	Fluoranthene	3700	D	95	410	850	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4DK3DL	SDG No.:	BG062424
Lab Sample ID:	P2776-17DL	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
BG061673.D	5	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4300	D	90	210	850	ug/Kg
85-68-7	Butylbenzylphthalate	5500	D	110	210	850	ug/Kg
91-94-1	3,3-Dichlorobenzidine	260	U	260	410	1700	ug/Kg
56-55-3	Benzo(a)anthracene	2300	D	120	210	850	ug/Kg
218-01-9	Chrysene	4600	D	120	210	850	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4500	D	130	210	850	ug/Kg
117-84-0	Di-n-octyl phthalate	240	U	240	410	1700	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	U	190	210	850	ug/Kg
207-08-9	Benzo(k)fluoranthene	2000	D	190	210	850	ug/Kg
50-32-8	Benzo(a)pyrene	990	D	160	210	850	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2700	D	140	210	850	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	780	JD	130	210	850	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3100	D	160	210	850	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	180	U	180	210	850	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.715		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	19.75		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.005		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.005		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	17.92		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	20.895		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.535		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.82		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.685		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.555		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	23.475		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.545		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	25.15		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4DK3DL	SDG No.:	BG062424
Lab Sample ID:	P2776-17DL	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
BG061673.D	5	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.765		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	23.625		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	25.67		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.445		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	54852	8.077				
1146-65-2	Naphthalene-d8	308839	10.892				
15067-26-2	Acenaphthene-d10	240303	14.705				
1517-22-2	Phenanthrene-d10	597950	17.449				
1719-03-5	Chrysene-d12	496719	21.714				
1520-96-3	Perylene-d12	566286	24.946				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-73-1	Benzene, 1,3-dichloro-	3600	JD			7.966	
000084-65-1	9,10-Anthracenedione	350	JD			18.853	
E966796	Total Alkanes	130	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP7DL2	SDG No.:	BG062424
Lab Sample ID:	P2754-08DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
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
BG061674.D	20	6/10/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	630	U	630	150	1600	ug/Kg
100-52-7	Benzaldehyde	1400	U	1400	1900	7700	ug/Kg
110-86-1	Pyridine	1800	U	1800	3900	7700	ug/Kg
108-95-2	Phenol	700	U	700	1900	7700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	680	U	680	1900	7700	ug/Kg
95-57-8	2-Chlorophenol	660	U	660	1000	4000	ug/Kg
95-48-7	2-Methylphenol	730	U	730	1900	7700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	940	U	940	1900	7700	ug/Kg
98-86-2	Acetophenone	1500	U	1500	1900	7700	ug/Kg
106-44-5	4-Methylphenol	1200	U	1200	1900	7700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1900	U	1900	1000	4000	ug/Kg
67-72-1	Hexachloroethane	1400	U	1400	1000	4000	ug/Kg
98-95-3	Nitrobenzene	1500	U	1500	1000	4000	ug/Kg
78-59-1	Isophorone	1500	U	1500	1000	4000	ug/Kg
88-75-5	2-Nitrophenol	1400	U	1400	1000	4000	ug/Kg
105-67-9	2,4-Dimethylphenol	750	U	750	1000	4000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100	U	1100	1000	4000	ug/Kg
120-83-2	2,4-Dichlorophenol	890	U	890	1000	4000	ug/Kg
91-20-3	Naphthalene	560	U	560	1000	4000	ug/Kg
106-47-8	4-Chloroaniline	850	U	850	1000	7700	ug/Kg
87-68-3	Hexachlorobutadiene	820	U	820	1000	4000	ug/Kg
105-60-2	Caprolactam	1500	U	1500	1900	7700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	960	U	960	1000	4000	ug/Kg
90-12-0	1-Methylnaphthalene	560	U	560	1000	4000	ug/Kg
91-57-6	2-Methylnaphthalene	750	U	750	1000	4000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2300	U	2300	1900	7700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	560	U	560	1000	4000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	770	U	770	1000	4000	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP7DL2	SDG No.:	BG062424
Lab Sample ID:	P2754-08DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
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
BG061674.D	20	6/10/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	610	U	610	1000	4000	ug/Kg
91-58-7	2-Chloronaphthalene	770	U	770	1000	4000	ug/Kg
88-74-4	2-Nitroaniline	1100	U	1100	1000	4000	ug/Kg
131-11-3	Dimethylphthalate	700	U	700	1000	4000	ug/Kg
606-20-2	2,6-Dinitrotoluene	470	U	470	1000	4000	ug/Kg
208-96-8	Acenaphthylene	680	U	680	1000	4000	ug/Kg
99-09-2	3-Nitroaniline	1500	U	1500	1900	7700	ug/Kg
83-32-9	Acenaphthene	610	U	610	1000	4000	ug/Kg
51-28-5	2,4-Dinitrophenol	3100	U	3100	1900	7700	ug/Kg
100-02-7	4-Nitrophenol	1000	U	1000	1900	7700	ug/Kg
132-64-9	Dibenzofuran	630	U	630	1000	4000	ug/Kg
121-14-2	2,4-Dinitrotoluene	820	U	820	1000	4000	ug/Kg
84-66-2	Diethylphthalate	770	U	770	1000	4000	ug/Kg
86-73-7	Fluorene	630	U	630	1000	4000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	470	U	470	1000	4000	ug/Kg
100-01-6	4-Nitroaniline	560	U	560	1900	7700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	890	U	890	1900	7700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	560	U	560	1000	4000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	800	U	800	1000	4000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	610	U	610	1000	4000	ug/Kg
118-74-1	Hexachlorobenzene	660	U	660	1000	4000	ug/Kg
1912-24-9	Atrazine	660	U	660	1900	7700	ug/Kg
87-86-5	Pentachlorophenol	2100	U	2100	1900	7700	ug/Kg
85-01-8	Phenanthrene	630	U	630	1000	4000	ug/Kg
608-93-5	Pentachlorobenzene	870	U	870	1000	4000	ug/Kg
120-12-7	Anthracene	590	U	590	1000	4000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	400	U	400	1000	4000	ug/Kg
86-74-8	Carbazole	800	U	800	1900	7700	ug/Kg
84-74-2	Di-n-butylphthalate	630	U	630	1000	4000	ug/Kg
206-44-0	Fluoranthene	450	U	450	1900	4000	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP7DL2	SDG No.:	BG062424
Lab Sample ID:	P2754-08DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
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
BG061674.D	20	6/10/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	420	U	420	1000	4000	ug/Kg
85-68-7	Butylbenzylphthalate	520	U	520	1000	4000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200	U	1200	1900	7700	ug/Kg
56-55-3	Benzo(a)anthracene	540	U	540	1000	4000	ug/Kg
218-01-9	Chrysene	560	U	560	1000	4000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	39000	D	590	1000	4000	ug/Kg
117-84-0	Di-n-octyl phthalate	1100	U	1100	1900	7700	ug/Kg
205-99-2	Benzo(b)fluoranthene	870	U	870	1000	4000	ug/Kg
207-08-9	Benzo(k)fluoranthene	890	U	890	1000	4000	ug/Kg
50-32-8	Benzo(a)pyrene	730	U	730	1000	4000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	660	U	660	1000	4000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	610	U	610	1000	4000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	750	U	750	1000	4000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	850	U	850	1000	4000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	6.8	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	29.52		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.76		10-150		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.9		15-120		80	SPK: -40
190780-66-6	4-Methylphenol-d8	31.8		10-140		79	SPK: -40
4165-60-0	Nitrobenzene-d5	37.78		10-135		94	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.7		10-120		92	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.32		10-140		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.24		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.76		10-145		87	SPK: -40
93951-97-4	Acenaphthylene-d8	32.66		15-120		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.82		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	36.32		20-140		91	SPK: -40

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP7DL2	SDG No.:	BG062424
Lab Sample ID:	P2754-08DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
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
BG061674.D	20	6/10/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.4		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	35.08		10-150		88	SPK: -40
1718-52-1	Pyrene-d10	34.04		10-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.5		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	50376	8.076				
1146-65-2	Naphthalene-d8	251644	10.885				
15067-26-2	Acenaphthene-d10	189672	14.704				
1517-22-2	Phenanthrene-d10	495713	17.447				
1719-03-5	Chrysene-d12	449631	21.713				
1520-96-3	Perylene-d12	540484	24.939				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	610	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ3	SDG No.:	BG062424
Lab Sample ID:	P2775-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51.3
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
BG061675.D	1	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	55	U	55	13.5	140	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	680	ug/Kg
110-86-1	Pyridine	160	U	160	340	680	ug/Kg
108-95-2	Phenol	61	U	61	170	680	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	59	U	59	170	680	ug/Kg
95-57-8	2-Chlorophenol	57	U	57	87	350	ug/Kg
95-48-7	2-Methylphenol	63	U	63	170	680	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	82	U	82	170	680	ug/Kg
98-86-2	Acetophenone	140	U	140	170	680	ug/Kg
106-44-5	4-Methylphenol	110	U	110	170	680	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	160	U	160	87	350	ug/Kg
67-72-1	Hexachloroethane	120	U	120	87	350	ug/Kg
98-95-3	Nitrobenzene	130	U	130	87	350	ug/Kg
78-59-1	Isophorone	140	U	140	87	350	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	87	350	ug/Kg
105-67-9	2,4-Dimethylphenol	65	U	65	87	350	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	92	U	92	87	350	ug/Kg
120-83-2	2,4-Dichlorophenol	78	U	78	87	350	ug/Kg
91-20-3	Naphthalene	49	U	49	87	350	ug/Kg
106-47-8	4-Chloroaniline	74	U	74	87	680	ug/Kg
87-68-3	Hexachlorobutadiene	72	U	72	87	350	ug/Kg
105-60-2	Caprolactam	130	U	130	170	680	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84	U	84	87	350	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	87	350	ug/Kg
91-57-6	2-Methylnaphthalene	65	U	65	87	350	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	170	680	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	87	350	ug/Kg
95-95-4	2,4,5-Trichlorophenol	68	U	68	87	350	ug/Kg



Client:			Date Collected:	6/6/2024 12:00:00 AM	
Project:			Date Received:	6/6/2024 12:00:00 AM	
Client Sample ID:	A4BQ3		SDG No.:	BG062424	
Lab Sample ID:	P2775-01		Matrix:	Solid	
Analytical Method:	SFAM_SVOC		% Moisture:	51.3	
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
BG061675.D	1	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	53	U	53	87	350	ug/Kg
91-58-7	2-Chloronaphthalene	68	U	68	87	350	ug/Kg
88-74-4	2-Nitroaniline	92	U	92	87	350	ug/Kg
131-11-3	Dimethylphthalate	61	U	61	87	350	ug/Kg
606-20-2	2,6-Dinitrotoluene	41	U	41	87	350	ug/Kg
208-96-8	Acenaphthylene	59	U	59	87	350	ug/Kg
99-09-2	3-Nitroaniline	140	U	140	170	680	ug/Kg
83-32-9	Acenaphthene	53	U	53	87	350	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	170	680	ug/Kg
100-02-7	4-Nitrophenol	90	U	90	170	680	ug/Kg
132-64-9	Dibenzofuran	55	U	55	87	350	ug/Kg
121-14-2	2,4-Dinitrotoluene	72	U	72	87	350	ug/Kg
84-66-2	Diethylphthalate	68	U	68	87	350	ug/Kg
86-73-7	Fluorene	55	U	55	87	350	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	41	U	41	87	350	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	170	680	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78	U	78	170	680	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	87	350	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	70	U	70	87	350	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	87	350	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	87	350	ug/Kg
1912-24-9	Atrazine	57	U	57	170	680	ug/Kg
87-86-5	Pentachlorophenol	180	U	180	170	680	ug/Kg
85-01-8	Phenanthrene	470		55	87	350	ug/Kg
608-93-5	Pentachlorobenzene	76	U	76	87	350	ug/Kg
120-12-7	Anthracene	75	J	51	87	350	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	35	U	35	87	350	ug/Kg
86-74-8	Carbazole	70	U	70	170	680	ug/Kg
84-74-2	Di-n-butylphthalate	55	U	55	87	350	ug/Kg
206-44-0	Fluoranthene	1000		39	170	350	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ3	SDG No.:	BG062424
Lab Sample ID:	P2775-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51.3
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
BG061675.D	1	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	700		37	87	350	ug/Kg
85-68-7	Butylbenzylphthalate	45	U	45	87	350	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	170	680	ug/Kg
56-55-3	Benzo(a)anthracene	400		47	87	350	ug/Kg
218-01-9	Chrysene	490		49	87	350	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	260	J	51	87	350	ug/Kg
117-84-0	Di-n-octyl phthalate	98	U	98	170	680	ug/Kg
205-99-2	Benzo(b)fluoranthene	610		76	87	350	ug/Kg
207-08-9	Benzo(k)fluoranthene	200	J	78	87	350	ug/Kg
50-32-8	Benzo(a)pyrene	250	J	63	87	350	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	J	57	87	350	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	80	J	53	87	350	ug/Kg
191-24-2	Benzo(g,h,i)perylene	65	U	65	87	350	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74	U	74	87	350	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.431		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	21.512		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.029		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.813		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	20.12		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	27.52		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.102		10-120		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.382		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.757		1-145		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.15		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	27.6		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.584		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	28.43		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ3	SDG No.:	BG062424
Lab Sample ID:	P2775-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51.3
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
BG061675.D	1	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.389		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	27.466		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	28.998		10-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.225		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66422	8.079				
1146-65-2	Naphthalene-d8	348908	10.887				
15067-26-2	Acenaphthene-d10	261548	14.701				
1517-22-2	Phenanthrene-d10	623318	17.444				
1719-03-5	Chrysene-d12	504813	21.71				
1520-96-3	Perylene-d12	609655	24.941				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	350	J			3.737	
	unknown-02	160	J			4.007	
000544-25-2	1,3,5-Cycloheptatriene	150	J			4.236	
	unknown-03	240	J			5.153	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	300	J			7.662	
000770-35-4	1-Phenoxypropan-2-ol	430	J			11.622	
000057-10-3	n-Hexadecanoic acid	500	J			18.331	
	(DEL) Alkane: Straight-Chain	21.363	J			21.363	
E966796	Total Alkanes	320				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ3MS	SDG No.:	BG062424
Lab Sample ID:	P2775-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061676.D	1	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	770		55	13.5	140	ug/Kg
100-52-7	Benzaldehyde	1800		120	170	680	ug/Kg
110-86-1	Pyridine	470	J	160	340	680	ug/Kg
108-95-2	Phenol	2600		62	170	680	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	2500		59	170	680	ug/Kg
95-57-8	2-Chlorophenol	2600		57	87.2	350	ug/Kg
95-48-7	2-Methylphenol	2500		64	170	680	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2600		82	170	680	ug/Kg
98-86-2	Acetophenone	2700		140	170	680	ug/Kg
106-44-5	4-Methylphenol	2500		110	170	680	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2600		160	87.2	350	ug/Kg
67-72-1	Hexachloroethane	2100		130	87.2	350	ug/Kg
98-95-3	Nitrobenzene	2700		130	87.2	350	ug/Kg
78-59-1	Isophorone	2400		140	87.2	350	ug/Kg
88-75-5	2-Nitrophenol	3100		120	87.2	350	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		66	87.2	350	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	2600		92	87.2	350	ug/Kg
120-83-2	2,4-Dichlorophenol	2800		78	87.2	350	ug/Kg
91-20-3	Naphthalene	2500		49	87.2	350	ug/Kg
106-47-8	4-Chloroaniline	1400		74	87.2	680	ug/Kg
87-68-3	Hexachlorobutadiene	2700		72	87.2	350	ug/Kg
105-60-2	Caprolactam	2200		130	170	680	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2600		84	87.2	350	ug/Kg
90-12-0	1-Methylnaphthalene	2500		49	87.2	350	ug/Kg
91-57-6	2-Methylnaphthalene	2600		66	87.2	350	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1400		200	170	680	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3000		49	87.2	350	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2900		68	87.2	350	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ3MS	SDG No.:	BG062424
Lab Sample ID:	P2775-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061676.D	1	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	2700		53	87.2	350	ug/Kg
91-58-7	2-Chloronaphthalene	2700		68	87.2	350	ug/Kg
88-74-4	2-Nitroaniline	3200		92	87.2	350	ug/Kg
131-11-3	Dimethylphthalate	2500		62	87.2	350	ug/Kg
606-20-2	2,6-Dinitrotoluene	3300		41	87.2	350	ug/Kg
208-96-8	Acenaphthylene	2500		59	87.2	350	ug/Kg
99-09-2	3-Nitroaniline	2800		140	170	680	ug/Kg
83-32-9	Acenaphthene	2600		53	87.2	350	ug/Kg
51-28-5	2,4-Dinitrophenol	3500		270	170	680	ug/Kg
100-02-7	4-Nitrophenol	2700		90	170	680	ug/Kg
132-64-9	Dibenzofuran	2700		55	87.2	350	ug/Kg
121-14-2	2,4-Dinitrotoluene	3300		72	87.2	350	ug/Kg
84-66-2	Diethylphthalate	2600		68	87.2	350	ug/Kg
86-73-7	Fluorene	2700		55	87.2	350	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2600		41	87.2	350	ug/Kg
100-01-6	4-Nitroaniline	3100		49	170	680	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3200		78	170	680	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2900		49	87.2	350	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2700		70	87.2	350	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2900		53	87.2	350	ug/Kg
118-74-1	Hexachlorobenzene	2200		57	87.2	350	ug/Kg
1912-24-9	Atrazine	2300		57	170	680	ug/Kg
87-86-5	Pentachlorophenol	2700		180	170	680	ug/Kg
85-01-8	Phenanthrene	3100		55	87.2	350	ug/Kg
608-93-5	Pentachlorobenzene	2500		76	87.2	350	ug/Kg
120-12-7	Anthracene	2600		51	87.2	350	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	3200		35	87.2	350	ug/Kg
86-74-8	Carbazole	2500		70	170	680	ug/Kg
84-74-2	Di-n-butylphthalate	2900		55	87.2	350	ug/Kg
206-44-0	Fluoranthene	3900		39	170	350	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ3MS	SDG No.:	BG062424
Lab Sample ID:	P2775-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51.3
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061676.D	1	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3000		37	87.2	350	ug/Kg
85-68-7	Butylbenzylphthalate	3300		45	87.2	350	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600		110	170	680	ug/Kg
56-55-3	Benzo(a)anthracene	3100		47	87.2	350	ug/Kg
218-01-9	Chrysene	3200		49	87.2	350	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3500		51	87.2	350	ug/Kg
117-84-0	Di-n-octyl phthalate	3300		98	170	680	ug/Kg
205-99-2	Benzo(b)fluoranthene	3200		76	87.2	350	ug/Kg
207-08-9	Benzo(k)fluoranthene	2900		78	87.2	350	ug/Kg
50-32-8	Benzo(a)pyrene	1500		64	87.2	350	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2200		57	87.2	350	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2700		53	87.2	350	ug/Kg
191-24-2	Benzo(g,h,i)perylene	270	J	66	87.2	350	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2800		74	87.2	350	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.216		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	7.117	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	23.855		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.106		10-150		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.818		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	24.326		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	33.036		10-135		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.994		10-120		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.98		10-140		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.377		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.34		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	31.203		15-120		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.676		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	31.738		20-140		79	SPK: -40

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ3MS	SDG No.:	BG062424
Lab Sample ID:	P2775-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061676.D	1	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.836		10-130		95	SPK: -40
1719-06-8	Anthracene-d10	30.636		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	29.658		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.219		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65902	8.079				
1146-65-2	Naphthalene-d8	337259	10.888				
15067-26-2	Acenaphthene-d10	236189	14.707				
1517-22-2	Phenanthrene-d10	550088	17.45				
1719-03-5	Chrysene-d12	441122	21.716				
1520-96-3	Perylene-d12	537710	24.942				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	53	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ3MSD	SDG No.:	BG062424
Lab Sample ID:	P2775-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51.3
Sample Wt/Vol:	30.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061677.D	1	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	970		55	13.5	140	ug/Kg
100-52-7	Benzaldehyde	2100		120	170	680	ug/Kg
110-86-1	Pyridine	770		160	340	680	ug/Kg
108-95-2	Phenol	3000		62	170	680	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	2800		60	170	680	ug/Kg
95-57-8	2-Chlorophenol	3000		57	87.2	350	ug/Kg
95-48-7	2-Methylphenol	2900		64	170	680	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2900		82	170	680	ug/Kg
98-86-2	Acetophenone	2900		140	170	680	ug/Kg
106-44-5	4-Methylphenol	3000		110	170	680	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2800		160	87.2	350	ug/Kg
67-72-1	Hexachloroethane	2400		130	87.2	350	ug/Kg
98-95-3	Nitrobenzene	3200		130	87.2	350	ug/Kg
78-59-1	Isophorone	2900		140	87.2	350	ug/Kg
88-75-5	2-Nitrophenol	3900		120	87.2	350	ug/Kg
105-67-9	2,4-Dimethylphenol	1900		66	87.2	350	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	2800		92	87.2	350	ug/Kg
120-83-2	2,4-Dichlorophenol	3400		78	87.2	350	ug/Kg
91-20-3	Naphthalene	3000		49	87.2	350	ug/Kg
106-47-8	4-Chloroaniline	1800		74	87.2	680	ug/Kg
87-68-3	Hexachlorobutadiene	3000		72	87.2	350	ug/Kg
105-60-2	Caprolactam	2800		130	170	680	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3200		84	87.2	350	ug/Kg
90-12-0	1-Methylnaphthalene	3100		49	87.2	350	ug/Kg
91-57-6	2-Methylnaphthalene	3100		66	87.2	350	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1500		200	170	680	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3400		49	87.2	350	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3600		68	87.2	350	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ3MSD	SDG No.:	BG062424
Lab Sample ID:	P2775-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51.3
Sample Wt/Vol:	30.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061677.D	1	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	3100		53	87.2	350	ug/Kg
91-58-7	2-Chloronaphthalene	3100		68	87.2	350	ug/Kg
88-74-4	2-Nitroaniline	4000		92	87.2	350	ug/Kg
131-11-3	Dimethylphthalate	3000		62	87.2	350	ug/Kg
606-20-2	2,6-Dinitrotoluene	3900		41	87.2	350	ug/Kg
208-96-8	Acenaphthylene	2900		60	87.2	350	ug/Kg
99-09-2	3-Nitroaniline	3600		140	170	680	ug/Kg
83-32-9	Acenaphthene	3000		53	87.2	350	ug/Kg
51-28-5	2,4-Dinitrophenol	4100		270	170	680	ug/Kg
100-02-7	4-Nitrophenol	3500		90	170	680	ug/Kg
132-64-9	Dibenzofuran	3200		55	87.2	350	ug/Kg
121-14-2	2,4-Dinitrotoluene	4100		72	87.2	350	ug/Kg
84-66-2	Diethylphthalate	3200		68	87.2	350	ug/Kg
86-73-7	Fluorene	3200		55	87.2	350	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3100		41	87.2	350	ug/Kg
100-01-6	4-Nitroaniline	3700		49	170	680	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3800		78	170	680	ug/Kg
86-30-6	N-Nitrosodiphenylamine	3400		49	87.2	350	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	3000		70	87.2	350	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3400		53	87.2	350	ug/Kg
118-74-1	Hexachlorobenzene	2700		57	87.2	350	ug/Kg
1912-24-9	Atrazine	2700		57	170	680	ug/Kg
87-86-5	Pentachlorophenol	3400		180	170	680	ug/Kg
85-01-8	Phenanthrene	3700		55	87.2	350	ug/Kg
608-93-5	Pentachlorobenzene	2800		76	87.2	350	ug/Kg
120-12-7	Anthracene	3100		51	87.2	350	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	3500		35	87.2	350	ug/Kg
86-74-8	Carbazole	3000		70	170	680	ug/Kg
84-74-2	Di-n-butylphthalate	3500		55	87.2	350	ug/Kg
206-44-0	Fluoranthene	4600		39	170	350	ug/Kg



Client:				Date Collected:	6/6/2024 12:00:00 AM	
Project:				Date Received:	6/6/2024 12:00:00 AM	
Client Sample ID:	A4BQ3MSD			SDG No.:	BG062424	
Lab Sample ID:	P2775-03MSD			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	51.3	
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	500	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061677.D	1	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3500		37	87.2	350	ug/Kg
85-68-7	Butylbenzylphthalate	3900		45	87.2	350	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2000		110	170	680	ug/Kg
56-55-3	Benzo(a)anthracene	3700		47	87.2	350	ug/Kg
218-01-9	Chrysene	3800		49	87.2	350	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4100		51	87.2	350	ug/Kg
117-84-0	Di-n-octyl phthalate	4000		99	170	680	ug/Kg
205-99-2	Benzo(b)fluoranthene	4000		76	87.2	350	ug/Kg
207-08-9	Benzo(k)fluoranthene	3400		78	87.2	350	ug/Kg
50-32-8	Benzo(a)pyrene	1800		64	87.2	350	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2100		57	87.2	350	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3400		53	87.2	350	ug/Kg
191-24-2	Benzo(g,h,i)perylene	330	J	66	87.2	350	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3400		74	87.2	350	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.358		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	8.254		20-120		21	SPK: -40
4165-62-2	Phenol-d5	29.998		10-130		75	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.916		10-150		82	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.819		15-120		82	SPK: -40
190780-66-6	4-Methylphenol-d8	29.233		10-140		73	SPK: -40
4165-60-0	Nitrobenzene-d5	39.974		10-135		100	SPK: -40
93951-78-1	2-Nitrophenol-d4	44.955		10-120		112	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	38.159		10-140		95	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.463		1-145		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.58		10-145		94	SPK: -40
93951-97-4	Acenaphthylene-d8	38.094		15-120		95	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.542		10-150		84	SPK: -40
81103-79-9	Fluorene-d10	39.647		20-140		99	SPK: -40

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ3MSD	SDG No.:	BG062424
Lab Sample ID:	P2775-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51.3
Sample Wt/Vol:	30.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061677.D	1	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	49.191		10-130		123	SPK: -40
1719-06-8	Anthracene-d10	38.073		10-150		95	SPK: -40
1718-52-1	Pyrene-d10	36.401		10-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.568		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	51769	8.078				
1146-65-2	Naphthalene-d8	256227	10.893				
15067-26-2	Acenaphthene-d10	195612	14.706				
1517-22-2	Phenanthrene-d10	462184	17.45				
1719-03-5	Chrysene-d12	384387	21.715				
1520-96-3	Perylene-d12	457046	24.947				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	53	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	SBLK484	SDG No.:	BG062424
Lab Sample ID:	PB161484BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061679.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161484

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	920	U	920	190	2000	ug/Kg
110-86-1	Pyridine	3400	U	3400	4900	9800	ug/Kg
100-52-7	Benzaldehyde	2100	U	2100	2400	9800	ug/Kg
108-95-2	Phenol	1500	U	1500	2400	9800	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1900	U	1900	2400	9800	ug/Kg
95-57-8	2-Chlorophenol	1500	U	1500	1300	4900	ug/Kg
95-48-7	2-Methylphenol	1200	U	1200	2400	9800	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000	U	2000	2400	9800	ug/Kg
98-86-2	Acetophenone	1500	U	1500	2400	9800	ug/Kg
106-44-5	4-Methylphenol	1500	U	1500	2400	9800	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2100	U	2100	1300	4900	ug/Kg
67-72-1	Hexachloroethane	1700	U	1700	1300	4900	ug/Kg
98-95-3	Nitrobenzene	1800	U	1800	1300	4900	ug/Kg
78-59-1	Isophorone	1100	U	1100	1300	4900	ug/Kg
88-75-5	2-Nitrophenol	850	U	850	1300	4900	ug/Kg
105-67-9	2,4-Dimethylphenol	580	U	580	1300	4900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	950	U	950	1300	4900	ug/Kg
120-83-2	2,4-Dichlorophenol	740	U	740	1300	4900	ug/Kg
91-20-3	Naphthalene	550	U	550	1300	4900	ug/Kg
106-47-8	4-Chloroaniline	880	U	880	1300	9800	ug/Kg
87-68-3	Hexachlorobutadiene	1200	U	1200	1300	4900	ug/Kg
105-60-2	Caprolactam	2000	U	2000	2400	9800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100	U	1100	1300	4900	ug/Kg
90-12-0	1-Methylnaphthalene	610	U	610	1300	4900	ug/Kg
91-57-6	2-Methylnaphthalene	750	U	750	1300	4900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2500	U	2500	2400	9800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1300	4900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	940	U	940	1300	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	SBLK484	SDG No.:	BG062424
Lab Sample ID:	PB161484BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061679.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161484

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	890	U	890	1300	4900	ug/Kg
91-58-7	2-Chloronaphthalene	830	U	830	1300	4900	ug/Kg
88-74-4	2-Nitroaniline	1600	U	1600	1300	4900	ug/Kg
131-11-3	Dimethylphthalate	800	U	800	1300	4900	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500	U	1500	1300	4900	ug/Kg
208-96-8	Acenaphthylene	850	U	850	1300	4900	ug/Kg
99-09-2	3-Nitroaniline	1300	U	1300	2400	9800	ug/Kg
83-32-9	Acenaphthene	760	U	760	1300	4900	ug/Kg
51-28-5	2,4-Dinitrophenol	3500	U	3500	2400	9800	ug/Kg
100-02-7	4-Nitrophenol	1600	U	1600	2400	9800	ug/Kg
132-64-9	Dibenzofuran	760	U	760	1300	4900	ug/Kg
121-14-2	2,4-Dinitrotoluene	940	U	940	1300	4900	ug/Kg
84-66-2	Diethylphthalate	1700	U	1700	1300	4900	ug/Kg
86-73-7	Fluorene	1700	U	1700	1300	4900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200	U	1200	1300	4900	ug/Kg
100-01-6	4-Nitroaniline	1200	U	1200	2400	9800	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2500	U	2500	2400	9800	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2700	U	2700	1300	4900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	860	U	860	1300	4900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900	U	1900	1300	4900	ug/Kg
118-74-1	Hexachlorobenzene	2200	U	2200	1300	4900	ug/Kg
1912-24-9	Atrazine	2100	U	2100	2400	9800	ug/Kg
87-86-5	Pentachlorophenol	3200	U	3200	2400	9800	ug/Kg
85-01-8	Phenanthrene	680	U	680	1300	4900	ug/Kg
608-93-5	Pentachlorobenzene	2100	U	2100	1300	4900	ug/Kg
120-12-7	Anthracene	560	U	560	1300	4900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2200	U	2200	1300	4900	ug/Kg
86-74-8	Carbazole	930	U	930	2400	9800	ug/Kg
84-74-2	Di-n-butylphthalate	830	U	830	1300	4900	ug/Kg
206-44-0	Fluoranthene	590	U	590	2400	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	SBLK484	SDG No.:	BG062424
Lab Sample ID:	PB161484BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061679.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161484

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	610	U	610	1300	4900	ug/Kg
85-68-7	Butylbenzylphthalate	510	U	510	1300	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2000	U	2000	2400	9800	ug/Kg
56-55-3	Benzo(a)anthracene	750	U	750	1300	4900	ug/Kg
218-01-9	Chrysene	640	U	640	1300	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	560	U	560	1300	4900	ug/Kg
117-84-0	Di-n-octyl phthalate	1300	U	1300	2400	9800	ug/Kg
205-99-2	Benzo(b)fluoranthene	950	U	950	1300	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	820	U	820	1300	4900	ug/Kg
50-32-8	Benzo(a)pyrene	970	U	970	1300	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	910	U	910	1300	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	750	U	750	1300	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	880	U	880	1300	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800	U	1800	1300	4900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.895		15-120		86	SPK: -8
7291-22-7	Pyridine-d5	34.133		20-120		85	SPK: -40
4165-62-2	Phenol-d5	33.07		10-130		83	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.518		10-150		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.39		15-120		83	SPK: -40
190780-66-6	4-Methylphenol-d8	33.421		10-140		84	SPK: -40
4165-60-0	Nitrobenzene-d5	37.37		10-135		93	SPK: -40
93951-78-1	2-Nitrophenol-d4	41.859		10-120		105	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.601		10-140		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.997		1-145		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.285		10-145		83	SPK: -40
93951-97-4	Acenaphthylene-d8	35.689		15-120		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	38.159		10-150		95	SPK: -40
81103-79-9	Fluorene-d10	36.17		20-140		90	SPK: -40

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	SBLK484	SDG No.:	BG062424
Lab Sample ID:	PB161484BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061679.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161484

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.756		10-130		87	SPK: -40
1719-06-8	Anthracene-d10	36.034		10-150		90	SPK: -40
1718-52-1	Pyrene-d10	38.034		10-130		95	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.876		10-140		92	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	49720	8.076				
1146-65-2	Naphthalene-d8	247223	10.89				
15067-26-2	Acenaphthene-d10	179548	14.704				
1517-22-2	Phenanthrene-d10	456447	17.447				
1719-03-5	Chrysene-d12	403040	21.707				
1520-96-3	Perylene-d12	486012	24.939				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	890	U			99	ug/Kg

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:	C0SJ2ME	SDG No.:	BG062424
Lab Sample ID:	P2856-17ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.9
Sample Wt/Vol:	1.06	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061680.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161484

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	970	U	970	210	2100	ug/Kg
100-52-7	Benzaldehyde	2200	U	2200	2600	10000	ug/Kg
110-86-1	Pyridine	3600	U	3600	5100	10000	ug/Kg
108-95-2	Phenol	1600	U	1600	2600	10000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	2000	U	2000	2600	10000	ug/Kg
95-57-8	2-Chlorophenol	1600	U	1600	1300	5200	ug/Kg
95-48-7	2-Methylphenol	1200	U	1200	2600	10000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2100	U	2100	2600	10000	ug/Kg
98-86-2	Acetophenone	1600	U	1600	2600	10000	ug/Kg
106-44-5	4-Methylphenol	1600	U	1600	2600	10000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2200	U	2200	1300	5200	ug/Kg
67-72-1	Hexachloroethane	1800	U	1800	1300	5200	ug/Kg
98-95-3	Nitrobenzene	1900	U	1900	1300	5200	ug/Kg
78-59-1	Isophorone	1100	U	1100	1300	5200	ug/Kg
88-75-5	2-Nitrophenol	900	U	900	1300	5200	ug/Kg
105-67-9	2,4-Dimethylphenol	610	U	610	1300	5200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1000	U	1000	1300	5200	ug/Kg
120-83-2	2,4-Dichlorophenol	780	U	780	1300	5200	ug/Kg
91-20-3	Naphthalene	250000	E	580	1300	5200	ug/Kg
106-47-8	4-Chloroaniline	930	U	930	1300	10000	ug/Kg
87-68-3	Hexachlorobutadiene	1200	U	1200	1300	5200	ug/Kg
105-60-2	Caprolactam	2100	U	2100	2600	10000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100	U	1100	1300	5200	ug/Kg
90-12-0	1-Methylnaphthalene	130000	E	640	1300	5200	ug/Kg
91-57-6	2-Methylnaphthalene	220000	E	790	1300	5200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2700	U	2700	2600	10000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1300	5200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	990	U	990	1300	5200	ug/Kg

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:	C0SJ2ME	SDG No.:	BG062424
Lab Sample ID:	P2856-17ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.9
Sample Wt/Vol:	1.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061680.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161484

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30000		940	1300	5200	ug/Kg
91-58-7	2-Chloronaphthalene	880	U	880	1300	5200	ug/Kg
88-74-4	2-Nitroaniline	1700	U	1700	1300	5200	ug/Kg
131-11-3	Dimethylphthalate	850	U	850	1300	5200	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600	U	1600	1300	5200	ug/Kg
208-96-8	Acenaphthylene	92000	E	900	1300	5200	ug/Kg
99-09-2	3-Nitroaniline	1300	U	1300	2600	10000	ug/Kg
83-32-9	Acenaphthene	12000		810	1300	5200	ug/Kg
51-28-5	2,4-Dinitrophenol	3700	U	3700	2600	10000	ug/Kg
100-02-7	4-Nitrophenol	1700	U	1700	2600	10000	ug/Kg
132-64-9	Dibenzofuran	7700		810	1300	5200	ug/Kg
121-14-2	2,4-Dinitrotoluene	990	U	990	1300	5200	ug/Kg
84-66-2	Diethylphthalate	1800	U	1800	1300	5200	ug/Kg
86-73-7	Fluorene	77000		1800	1300	5200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200	U	1200	1300	5200	ug/Kg
100-01-6	4-Nitroaniline	1200	U	1200	2600	10000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2600	U	2600	2600	10000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2900	U	2900	1300	5200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	910	U	910	1300	5200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2000	U	2000	1300	5200	ug/Kg
118-74-1	Hexachlorobenzene	2300	U	2300	1300	5200	ug/Kg
1912-24-9	Atrazine	2200	U	2200	2600	10000	ug/Kg
87-86-5	Pentachlorophenol	3400	U	3400	2600	10000	ug/Kg
85-01-8	Phenanthrene	200000	E	710	1300	5200	ug/Kg
608-93-5	Pentachlorobenzene	2200	U	2200	1300	5200	ug/Kg
120-12-7	Anthracene	69000		590	1300	5200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2300	U	2300	1300	5200	ug/Kg
86-74-8	Carbazole	980	U	980	2600	10000	ug/Kg
84-74-2	Di-n-butylphthalate	880	U	880	1300	5200	ug/Kg
206-44-0	Fluoranthene	98000	E	620	2600	5200	ug/Kg

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:	C0SJ2ME	SDG No.:	BG062424
Lab Sample ID:	P2856-17ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.9
Sample Wt/Vol:	1.06	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061680.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161484

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	110000	E	640	1300	5200	ug/Kg
85-68-7	Butylbenzylphthalate	540	U	540	1300	5200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2100	U	2100	2600	10000	ug/Kg
56-55-3	Benzo(a)anthracene	54000		800	1300	5200	ug/Kg
218-01-9	Chrysene	47000		670	1300	5200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	590	U	590	1300	5200	ug/Kg
117-84-0	Di-n-octyl phthalate	1300	U	1300	2600	10000	ug/Kg
205-99-2	Benzo(b)fluoranthene	33000		1000	1300	5200	ug/Kg
207-08-9	Benzo(k)fluoranthene	10000		870	1300	5200	ug/Kg
50-32-8	Benzo(a)pyrene	26000		1000	1300	5200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	9600		960	1300	5200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4800	J	800	1300	5200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1900	J	930	1300	5200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900	U	1900	1300	5200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.075		15-120		51	SPK: -8
7291-22-7	Pyridine-d5		U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	22.323		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.978		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.615		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	16.855		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	28.257		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.612		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.101		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.11		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.184		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	25.664		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.711		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	25.116		20-140		63	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:	C0SJ2ME	SDG No.:	BG062424
Lab Sample ID:	P2856-17ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.9
Sample Wt/Vol:	1.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061680.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161484

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.984		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	29.034		10-150		73	SPK: -40
1718-52-1	Pyrene-d10	27.468		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.579		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65801	8.077				
1146-65-2	Naphthalene-d8	349571	10.891				
15067-26-2	Acenaphthene-d10	257405	14.704				
1517-22-2	Phenanthrene-d10	522502	17.448				
1719-03-5	Chrysene-d12	430818	21.714				
1520-96-3	Perylene-d12	533785	24.945				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	47000	J			7.724	
000095-13-6	Indene	24000	J			8.617	
000767-59-9	1H-Indene, 1-methyl-	38000	J			10.315	
000622-76-4	Benzene, 1-butynyl-	22000	J			10.38	
000939-27-5	Naphthalene, 2-ethyl-	19000	J			13.735	
000575-43-9	Naphthalene, 1,6-dimethyl-	66000	J			13.882	
000581-40-8	Naphthalene, 2,3-dimethyl-	74000	J			14.028	
000575-41-7	Naphthalene, 1,3-dimethyl-	31000	J			14.264	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	13000	J			15.174	
	unknown-02	32000	J			15.304	
000203-80-5	1H-Phenalene	28000	J			15.574	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	13000	J			16.038	
013678-98-3	Benzene, 5-heptene-1,3-diyn-1-yl-	33000	J			16.161	
	unknown-03	13000	J			16.414	
001730-37-6	9H-Fluorene, 1-methyl-	30000	J			16.749	
001430-97-3	9H-Fluorene, 2-methyl-	13000	J			16.802	
	unknown-04	12000	J			16.902	

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:	C0SJ2ME	SDG No.:	BG062424
Lab Sample ID:	P2856-17ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.9
Sample Wt/Vol:	1.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061680.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161484

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000132-65-0	Dibenzothiophene	33000	J			17.266	
067388-11-8	4-Methylnaphtho[1,2-b]thiophene	16000	J			18.03	
031317-07-4	1-Methyldibenzothiophene	15000	J			18.171	
002531-84-2	Phenanthrene, 2-methyl-	62000	J			18.323	
000613-12-7	Anthracene, 2-methyl-	59000	J			18.376	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b-dihydro	26000	J			18.453	
000203-64-5	4H-Cyclopenta[def]phenanthrene	89000	J			18.517	
000832-64-4	Phenanthrene, 4-methyl-	33000	J			18.553	
000612-94-2	Naphthalene, 2-phenyl-	25000	J			18.817	
000781-43-1	9,10-Dimethylanthracene	39000	J			19.228	
006543-29-9	Indeno[2,1-a]indene, 5,10-dihydro-	16000	J			19.293	
000886-65-7	1,4-Diphenyl-1,3-butadiene	12000	J			19.322	
000192-97-2	Benzo[e]pyrene	13000	J			24.175	
E966796	Total Alkanes	940	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CY6	SDG No.:	BG062424
Lab Sample ID:	P2776-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061681.D	1	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34	U	34	8.3	84	ug/Kg
100-52-7	Benzaldehyde	73	U	73	100	420	ug/Kg
110-86-1	Pyridine	97	U	97	210	420	ug/Kg
108-95-2	Phenol	38	U	38	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	100	420	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53.8	220	ug/Kg
95-48-7	2-Methylphenol	39	U	39	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	51	U	51	100	420	ug/Kg
98-86-2	Acetophenone	83	U	83	100	420	ug/Kg
106-44-5	4-Methylphenol	67	U	67	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	53.8	220	ug/Kg
67-72-1	Hexachloroethane	77	U	77	53.8	220	ug/Kg
98-95-3	Nitrobenzene	81	U	81	53.8	220	ug/Kg
78-59-1	Isophorone	83	U	83	53.8	220	ug/Kg
88-75-5	2-Nitrophenol	76	U	76	53.8	220	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	53.8	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	53.8	220	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	53.8	220	ug/Kg
91-20-3	Naphthalene	30	U	30	53.8	220	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	53.8	420	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	53.8	220	ug/Kg
105-60-2	Caprolactam	81	U	81	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	53.8	220	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	53.8	220	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	53.8	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	53.8	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	53.8	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CY6	SDG No.:	BG062424
Lab Sample ID:	P2776-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061681.D	1	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	53.8	220	ug/Kg
91-58-7	2-Chloronaphthalene	42	U	42	53.8	220	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	53.8	220	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	53.8	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	53.8	220	ug/Kg
208-96-8	Acenaphthylene	37	U	37	53.8	220	ug/Kg
99-09-2	3-Nitroaniline	83	U	83	100	420	ug/Kg
83-32-9	Acenaphthene	33	U	33	53.8	220	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	420	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	100	420	ug/Kg
132-64-9	Dibenzofuran	34	U	34	53.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	44	U	44	53.8	220	ug/Kg
84-66-2	Diethylphthalate	42	U	42	53.8	220	ug/Kg
86-73-7	Fluorene	34	U	34	53.8	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.8	220	ug/Kg
100-01-6	4-Nitroaniline	30	U	30	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	30	U	30	53.8	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	43	U	43	53.8	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	53.8	220	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	53.8	220	ug/Kg
1912-24-9	Atrazine	35	U	35	100	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	420	ug/Kg
85-01-8	Phenanthrene	120	J	34	53.8	220	ug/Kg
608-93-5	Pentachlorobenzene	47	U	47	53.8	220	ug/Kg
120-12-7	Anthracene	32	U	32	53.8	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	53.8	220	ug/Kg
86-74-8	Carbazole	43	U	43	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	34	U	34	53.8	220	ug/Kg
206-44-0	Fluoranthene	230		24	100	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CY6	SDG No.:	BG062424
Lab Sample ID:	P2776-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061681.D	1	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	230		23	53.8	220	ug/Kg
85-68-7	Butylbenzylphthalate	28	U	28	53.8	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66	U	66	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	89	J	29	53.8	220	ug/Kg
218-01-9	Chrysene	120	J	30	53.8	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57	J	32	53.8	220	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	61	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	J	47	53.8	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	52	J	48	53.8	220	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	39	53.8	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	59	J	35	53.8	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	53.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	53.8	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	53.8	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.435		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	2.511	*	20-120		6	SPK: -40
4165-62-2	Phenol-d5	25.476		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.122		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.117		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	24.282		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	26.585		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.252		10-120		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.843		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.77		1-145		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.448		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	25.93		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.685		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	27.362		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CY6	SDG No.:	BG062424
Lab Sample ID:	P2776-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061681.D	1	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.034		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	25.878		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	25.818		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.725		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	54359	8.073				
1146-65-2	Naphthalene-d8	282234	10.888				
15067-26-2	Acenaphthene-d10	209310	14.701				
1517-22-2	Phenanthrene-d10	512086	17.445				
1719-03-5	Chrysene-d12	429300	21.71				
1520-96-3	Perylene-d12	509072	24.942				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-15-3	(S)-(+)-1,2-Propanediol	110	J			3.737	
	unknown-01	130	J			5.147	
000770-35-4	1-Phenoxypropan-2-ol	160	J			11.622	
000057-10-3	n-Hexadecanoic acid	280	J			18.332	
959085-66-6	Heptadecyl heptafluorobutyrate	440	J			21.363	
062016-76-6	Nonadecane, 1-chloro-	350	J			22.55	
035599-77-0	Tridecane, 1-iodo-	270	J			24.078	
E966796	Total Alkanes	33	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CY6MS	SDG No.:	BG062424
Lab Sample ID:	P2776-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061682.D	1	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	450		34	8.4	84	ug/Kg
100-52-7	Benzaldehyde	1100		73	100	420	ug/Kg
110-86-1	Pyridine	600		97	210	420	ug/Kg
108-95-2	Phenol	1500		38	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1400		37	100	420	ug/Kg
95-57-8	2-Chlorophenol	1600		35	53.8	220	ug/Kg
95-48-7	2-Methylphenol	1600		39	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		51	100	420	ug/Kg
98-86-2	Acetophenone	1600		84	100	420	ug/Kg
106-44-5	4-Methylphenol	1600		67	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1600		100	53.8	220	ug/Kg
67-72-1	Hexachloroethane	1200		77	53.8	220	ug/Kg
98-95-3	Nitrobenzene	1700		81	53.8	220	ug/Kg
78-59-1	Isophorone	1500		84	53.8	220	ug/Kg
88-75-5	2-Nitrophenol	2000		76	53.8	220	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		40	53.8	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1600		57	53.8	220	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		48	53.8	220	ug/Kg
91-20-3	Naphthalene	1500		30	53.8	220	ug/Kg
106-47-8	4-Chloroaniline	990		46	53.8	420	ug/Kg
87-68-3	Hexachlorobutadiene	1600		44	53.8	220	ug/Kg
105-60-2	Caprolactam	1400		81	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		52	53.8	220	ug/Kg
90-12-0	1-Methylnaphthalene	1600		30	53.8	220	ug/Kg
91-57-6	2-Methylnaphthalene	1600		40	53.8	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	960		120	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1900		30	53.8	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1900		42	53.8	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CY6MS	SDG No.:	BG062424
Lab Sample ID:	P2776-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061682.D	1	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1700		33	53.8	220	ug/Kg
91-58-7	2-Chloronaphthalene	1700		42	53.8	220	ug/Kg
88-74-4	2-Nitroaniline	2100		57	53.8	220	ug/Kg
131-11-3	Dimethylphthalate	1600		38	53.8	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	2100		25	53.8	220	ug/Kg
208-96-8	Acenaphthylene	1600		37	53.8	220	ug/Kg
99-09-2	3-Nitroaniline	1900		84	100	420	ug/Kg
83-32-9	Acenaphthene	1600		33	53.8	220	ug/Kg
51-28-5	2,4-Dinitrophenol	2200		160	100	420	ug/Kg
100-02-7	4-Nitrophenol	1900		56	100	420	ug/Kg
132-64-9	Dibenzofuran	1700		34	53.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	2200		44	53.8	220	ug/Kg
84-66-2	Diethylphthalate	1700		42	53.8	220	ug/Kg
86-73-7	Fluorene	1700		34	53.8	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		25	53.8	220	ug/Kg
100-01-6	4-Nitroaniline	2100		30	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2100		48	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1900		30	53.8	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		43	53.8	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900		33	53.8	220	ug/Kg
118-74-1	Hexachlorobenzene	1400		35	53.8	220	ug/Kg
1912-24-9	Atrazine	1500		35	100	420	ug/Kg
87-86-5	Pentachlorophenol	1700		110	100	420	ug/Kg
85-01-8	Phenanthrene	1800		34	53.8	220	ug/Kg
608-93-5	Pentachlorobenzene	1500		47	53.8	220	ug/Kg
120-12-7	Anthracene	1700		32	53.8	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1900		22	53.8	220	ug/Kg
86-74-8	Carbazole	1700		43	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	1900		34	53.8	220	ug/Kg
206-44-0	Fluoranthene	2100		24	100	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CY6MS	SDG No.:	BG062424
Lab Sample ID:	P2776-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061682.D	1	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1700		23	53.8	220	ug/Kg
85-68-7	Butylbenzylphthalate	2200		28	53.8	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		66	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	1900		29	53.8	220	ug/Kg
218-01-9	Chrysene	1900		30	53.8	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2200		32	53.8	220	ug/Kg
117-84-0	Di-n-octyl phthalate	2200		61	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		47	53.8	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	1800		48	53.8	220	ug/Kg
50-32-8	Benzo(a)pyrene	950		39	53.8	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		35	53.8	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		33	53.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	J	40	53.8	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		46	53.8	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.996		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	10.05		20-120		25	SPK: -40
4165-62-2	Phenol-d5	26.745		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.025		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.501		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	26.566		10-140		66	SPK: -40
4165-60-0	Nitrobenzene-d5	30.88		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.111		10-120		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.966		10-140		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.647		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.467		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	29.573		15-120		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.313		10-150		78	SPK: -40
81103-79-9	Fluorene-d10	30.613		20-140		77	SPK: -40

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CY6MS	SDG No.:	BG062424
Lab Sample ID:	P2776-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061682.D	1	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	40.05		10-130		100	SPK: -40
1719-06-8	Anthracene-d10	30.836		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	30.422		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.06		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60019	8.073				
1146-65-2	Naphthalene-d8	309203	10.888				
15067-26-2	Acenaphthene-d10	226987	14.707				
1517-22-2	Phenanthrene-d10	532956	17.451				
1719-03-5	Chrysene-d12	437626	21.716				
1520-96-3	Perylene-d12	520318	24.948				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	33	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CY6MSD	SDG No.:	BG062424
Lab Sample ID:	P2776-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
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
BG061683.D	1	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	480		34	8.4	84	ug/Kg
100-52-7	Benzaldehyde	1100		73	100	420	ug/Kg
110-86-1	Pyridine	590		98	210	420	ug/Kg
108-95-2	Phenol	1500		38	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1400		37	100	420	ug/Kg
95-57-8	2-Chlorophenol	1500		35	53.8	220	ug/Kg
95-48-7	2-Methylphenol	1500		39	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		51	100	420	ug/Kg
98-86-2	Acetophenone	1500		84	100	420	ug/Kg
106-44-5	4-Methylphenol	1600		67	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1500		100	53.8	220	ug/Kg
67-72-1	Hexachloroethane	1200		77	53.8	220	ug/Kg
98-95-3	Nitrobenzene	1700		81	53.8	220	ug/Kg
78-59-1	Isophorone	1500		84	53.8	220	ug/Kg
88-75-5	2-Nitrophenol	1900		76	53.8	220	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		41	53.8	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1500		57	53.8	220	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		48	53.8	220	ug/Kg
91-20-3	Naphthalene	1500		30	53.8	220	ug/Kg
106-47-8	4-Chloroaniline	1100		46	53.8	420	ug/Kg
87-68-3	Hexachlorobutadiene	1600		44	53.8	220	ug/Kg
105-60-2	Caprolactam	1600		81	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1900		52	53.8	220	ug/Kg
90-12-0	1-Methylnaphthalene	1600		30	53.8	220	ug/Kg
91-57-6	2-Methylnaphthalene	1600		41	53.8	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	830		120	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		30	53.8	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1900		42	53.8	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CY6MSD	SDG No.:	BG062424
Lab Sample ID:	P2776-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
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
BG061683.D	1	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1600		33	53.8	220	ug/Kg
91-58-7	2-Chloronaphthalene	1600		42	53.8	220	ug/Kg
88-74-4	2-Nitroaniline	2200		57	53.8	220	ug/Kg
131-11-3	Dimethylphthalate	1600		38	53.8	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	2200		25	53.8	220	ug/Kg
208-96-8	Acenaphthylene	1600		37	53.8	220	ug/Kg
99-09-2	3-Nitroaniline	2000		84	100	420	ug/Kg
83-32-9	Acenaphthene	1600		33	53.8	220	ug/Kg
51-28-5	2,4-Dinitrophenol	2400		160	100	420	ug/Kg
100-02-7	4-Nitrophenol	2000		56	100	420	ug/Kg
132-64-9	Dibenzofuran	1700		34	53.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	2300		44	53.8	220	ug/Kg
84-66-2	Diethylphthalate	1800		42	53.8	220	ug/Kg
86-73-7	Fluorene	1800		34	53.8	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		25	53.8	220	ug/Kg
100-01-6	4-Nitroaniline	2200		30	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2200		48	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1900		30	53.8	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		43	53.8	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900		33	53.8	220	ug/Kg
118-74-1	Hexachlorobenzene	1500		35	53.8	220	ug/Kg
1912-24-9	Atrazine	1500		35	100	420	ug/Kg
87-86-5	Pentachlorophenol	1800		110	100	420	ug/Kg
85-01-8	Phenanthrene	1900		34	53.8	220	ug/Kg
608-93-5	Pentachlorobenzene	1500		47	53.8	220	ug/Kg
120-12-7	Anthracene	1700		32	53.8	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1800		22	53.8	220	ug/Kg
86-74-8	Carbazole	1700		43	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	2000		34	53.8	220	ug/Kg
206-44-0	Fluoranthene	2200		24	100	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CY6MSD	SDG No.:	BG062424
Lab Sample ID:	P2776-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
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
BG061683.D	1	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1800		23	53.8	220	ug/Kg
85-68-7	Butylbenzylphthalate	2200		28	53.8	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		66	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	1900		29	53.8	220	ug/Kg
218-01-9	Chrysene	1900		30	53.8	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2200		32	53.8	220	ug/Kg
117-84-0	Di-n-octyl phthalate	2300		61	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	2100		47	53.8	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	1900		48	53.8	220	ug/Kg
50-32-8	Benzo(a)pyrene	990		39	53.8	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		35	53.8	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		33	53.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	J	41	53.8	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2000		46	53.8	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.621		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	10.588		20-120		26	SPK: -40
4165-62-2	Phenol-d5	26.495		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.256		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.683		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	25.781		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	28.995		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.548		10-120		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.419		10-140		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.508		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.632		10-145		77	SPK: -40
93951-97-4	Acenaphthylene-d8	29.911		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	35.155		10-150		88	SPK: -40
81103-79-9	Fluorene-d10	32.07		20-140		80	SPK: -40

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CY6MSD	SDG No.:	BG062424
Lab Sample ID:	P2776-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
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
BG061683.D	1	6/12/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	39.936		10-130		100	SPK: -40
1719-06-8	Anthracene-d10	32.412		10-150		81	SPK: -40
1718-52-1	Pyrene-d10	31.06		10-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.368		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	51270	8.074				
1146-65-2	Naphthalene-d8	253398	10.888				
15067-26-2	Acenaphthene-d10	199050	14.702				
1517-22-2	Phenanthrene-d10	487284	17.445				
1719-03-5	Chrysene-d12	406233	21.711				
1520-96-3	Perylene-d12	477450	24.942				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	33	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SH5	SDG No.:	BG062424
Lab Sample ID:	P2856-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.5
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
BG061684.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	42	U	42	10.2	100	ug/Kg
100-52-7	Benzaldehyde	90	U	90	130	510	ug/Kg
110-86-1	Pyridine	120	U	120	250	510	ug/Kg
108-95-2	Phenol	46	U	46	130	510	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	130	510	ug/Kg
95-57-8	2-Chlorophenol	43	U	43	65.7	260	ug/Kg
95-48-7	2-Methylphenol	48	U	48	130	510	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62	U	62	130	510	ug/Kg
98-86-2	Acetophenone	100	U	100	130	510	ug/Kg
106-44-5	4-Methylphenol	82	U	82	130	510	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	120	U	120	65.7	260	ug/Kg
67-72-1	Hexachloroethane	94	U	94	65.7	260	ug/Kg
98-95-3	Nitrobenzene	99	U	99	65.7	260	ug/Kg
78-59-1	Isophorone	100	U	100	65.7	260	ug/Kg
88-75-5	2-Nitrophenol	93	U	93	65.7	260	ug/Kg
105-67-9	2,4-Dimethylphenol	49	U	49	65.7	260	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	70	U	70	65.7	260	ug/Kg
120-83-2	2,4-Dichlorophenol	59	U	59	65.7	260	ug/Kg
91-20-3	Naphthalene	37	U	37	65.7	260	ug/Kg
106-47-8	4-Chloroaniline	56	U	56	65.7	510	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	65.7	260	ug/Kg
105-60-2	Caprolactam	99	U	99	130	510	ug/Kg
59-50-7	4-Chloro-3-methylphenol	63	U	63	65.7	260	ug/Kg
90-12-0	1-Methylnaphthalene	37	U	37	65.7	260	ug/Kg
91-57-6	2-Methylnaphthalene	49	U	49	65.7	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	130	510	ug/Kg
88-06-2	2,4,6-Trichlorophenol	37	U	37	65.7	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	65.7	260	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SH5	SDG No.:	BG062424
Lab Sample ID:	P2856-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.5
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
BG061684.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	40	U	40	65.7	260	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	65.7	260	ug/Kg
88-74-4	2-Nitroaniline	70	U	70	65.7	260	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	65.7	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	65.7	260	ug/Kg
208-96-8	Acenaphthylene	45	U	45	65.7	260	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	130	510	ug/Kg
83-32-9	Acenaphthene	40	U	40	65.7	260	ug/Kg
51-28-5	2,4-Dinitrophenol	200	U	200	130	510	ug/Kg
100-02-7	4-Nitrophenol	68	U	68	130	510	ug/Kg
132-64-9	Dibenzofuran	42	U	42	65.7	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	65.7	260	ug/Kg
84-66-2	Diethylphthalate	51	U	51	65.7	260	ug/Kg
86-73-7	Fluorene	42	U	42	65.7	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31	U	31	65.7	260	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	130	510	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	59	U	59	130	510	ug/Kg
86-30-6	N-Nitrosodiphenylamine	37	U	37	65.7	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	65.7	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	40	U	40	65.7	260	ug/Kg
118-74-1	Hexachlorobenzene	43	U	43	65.7	260	ug/Kg
1912-24-9	Atrazine	43	U	43	130	510	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	130	510	ug/Kg
85-01-8	Phenanthrene	42	U	42	65.7	260	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	65.7	260	ug/Kg
120-12-7	Anthracene	39	U	39	65.7	260	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	26	U	26	65.7	260	ug/Kg
86-74-8	Carbazole	53	U	53	130	510	ug/Kg
84-74-2	Di-n-butylphthalate	42	U	42	65.7	260	ug/Kg
206-44-0	Fluoranthene	29	U	29	130	260	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SH5	SDG No.:	BG062424
Lab Sample ID:	P2856-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.5
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
BG061684.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	28	U	28	65.7	260	ug/Kg
85-68-7	Butylbenzylphthalate	34	U	34	65.7	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	80	U	80	130	510	ug/Kg
56-55-3	Benzo(a)anthracene	36	U	36	65.7	260	ug/Kg
218-01-9	Chrysene	37	U	37	65.7	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	39	U	39	65.7	260	ug/Kg
117-84-0	Di-n-octyl phthalate	74	U	74	130	510	ug/Kg
205-99-2	Benzo(b)fluoranthene	57	U	57	65.7	260	ug/Kg
207-08-9	Benzo(k)fluoranthene	59	U	59	65.7	260	ug/Kg
50-32-8	Benzo(a)pyrene	48	U	48	65.7	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	43	U	43	65.7	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	40	U	40	65.7	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	49	U	49	65.7	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	56	U	56	65.7	260	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.71		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	4.709	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	18.813		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.918		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.138		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	21.749		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	23.23		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.417		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.638		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.119		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.897		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	22.72		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.03		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	23.387		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SH5	SDG No.:	BG062424
Lab Sample ID:	P2856-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.5
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
BG061684.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.536		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	23.19		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	24.341		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.752		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62367	8.076				
1146-65-2	Naphthalene-d8	336950	10.89				
15067-26-2	Acenaphthene-d10	252341	14.703				
1517-22-2	Phenanthrene-d10	609189	17.447				
1719-03-5	Chrysene-d12	515520	21.707				
1520-96-3	Perylene-d12	603834	24.944				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.625	
000057-10-3	n-Hexadecanoic acid	250	J			18.328	
000112-37-8	Undecanoic acid	130	J			19.598	
	(DEL) Alkane: Straight-Chain	290	J			21.36	
E966796	Total Alkanes	290				99	ug/Kg

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:	C0SJ0	SDG No.:	BG062424
Lab Sample ID:	P2856-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061685.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	39	U	39	9.6	97	ug/Kg
100-52-7	Benzaldehyde	85	U	85	120	480	ug/Kg
110-86-1	Pyridine	110	U	110	240	480	ug/Kg
108-95-2	Phenol	44	U	44	120	480	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	120	480	ug/Kg
95-57-8	2-Chlorophenol	41	U	41	62	250	ug/Kg
95-48-7	2-Methylphenol	45	U	45	120	480	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58	U	58	120	480	ug/Kg
98-86-2	Acetophenone	96	U	96	120	480	ug/Kg
106-44-5	4-Methylphenol	77	U	77	120	480	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	120	U	120	62	250	ug/Kg
67-72-1	Hexachloroethane	89	U	89	62	250	ug/Kg
98-95-3	Nitrobenzene	93	U	93	62	250	ug/Kg
78-59-1	Isophorone	96	U	96	62	250	ug/Kg
88-75-5	2-Nitrophenol	88	U	88	62	250	ug/Kg
105-67-9	2,4-Dimethylphenol	130	J	47	62	250	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	66	U	66	62	250	ug/Kg
120-83-2	2,4-Dichlorophenol	55	U	55	62	250	ug/Kg
91-20-3	Naphthalene	6800	E	35	62	250	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	62	480	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	62	250	ug/Kg
105-60-2	Caprolactam	93	U	93	120	480	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	62	250	ug/Kg
90-12-0	1-Methylnaphthalene	660		35	62	250	ug/Kg
91-57-6	2-Methylnaphthalene	1200		47	62	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	120	480	ug/Kg
88-06-2	2,4,6-Trichlorophenol	35	U	35	62	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	62	250	ug/Kg

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:	C0SJ0	SDG No.:	BG062424
Lab Sample ID:	P2856-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061685.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	91	J	38	62	250	ug/Kg
91-58-7	2-Chloronaphthalene	48	U	48	62	250	ug/Kg
88-74-4	2-Nitroaniline	66	U	66	62	250	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	62	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	62	250	ug/Kg
208-96-8	Acenaphthylene	130	J	42	62	250	ug/Kg
99-09-2	3-Nitroaniline	96	U	96	120	480	ug/Kg
83-32-9	Acenaphthene	38	U	38	62	250	ug/Kg
51-28-5	2,4-Dinitrophenol	190	U	190	120	480	ug/Kg
100-02-7	4-Nitrophenol	64	U	64	120	480	ug/Kg
132-64-9	Dibenzofuran	39	U	39	62	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	51	62	250	ug/Kg
84-66-2	Diethylphthalate	48	U	48	62	250	ug/Kg
86-73-7	Fluorene	150	J	39	62	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	29	U	29	62	250	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	120	480	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	55	U	55	120	480	ug/Kg
86-30-6	N-Nitrosodiphenylamine	35	U	35	62	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U	50	62	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	38	U	38	62	250	ug/Kg
118-74-1	Hexachlorobenzene	41	U	41	62	250	ug/Kg
1912-24-9	Atrazine	41	U	41	120	480	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	120	480	ug/Kg
85-01-8	Phenanthrene	290		39	62	250	ug/Kg
608-93-5	Pentachlorobenzene	54	U	54	62	250	ug/Kg
120-12-7	Anthracene	60	J	36	62	250	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	25	U	25	62	250	ug/Kg
86-74-8	Carbazole	50	U	50	120	480	ug/Kg
84-74-2	Di-n-butylphthalate	39	U	39	62	250	ug/Kg
206-44-0	Fluoranthene	60	J	28	120	250	ug/Kg

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:	C0SJ0	SDG No.:	BG062424
Lab Sample ID:	P2856-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061685.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	81	J	26	62	250	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	62	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	76	U	76	120	480	ug/Kg
56-55-3	Benzo(a)anthracene	34	U	34	62	250	ug/Kg
218-01-9	Chrysene	35	U	35	62	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	36	U	36	62	250	ug/Kg
117-84-0	Di-n-octyl phthalate	70	U	70	120	480	ug/Kg
205-99-2	Benzo(b)fluoranthene	54	U	54	62	250	ug/Kg
207-08-9	Benzo(k)fluoranthene	55	U	55	62	250	ug/Kg
50-32-8	Benzo(a)pyrene	45	U	45	62	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	41	U	41	62	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	38	U	38	62	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	47	U	47	62	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	53	U	53	62	250	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.041		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	13.647		20-120		34	SPK: -40
4165-62-2	Phenol-d5	26.697		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.1		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.378		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	28.134		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	27.425		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.771		10-120		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.293		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.899		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.318		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	28.534		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.329		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	29.151		20-140		73	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:	C0SJ0	SDG No.:	BG062424
Lab Sample ID:	P2856-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061685.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.394		10-130		63	SPK: -40
1719-06-8	Anthracene-d10	28.596		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	30.04		10-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.282		10-140		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56196	8.073				
1146-65-2	Naphthalene-d8	306368	10.887				
15067-26-2	Acenaphthene-d10	215005	14.7				
1517-22-2	Phenanthrene-d10	523812	17.444				
1719-03-5	Chrysene-d12	441674	21.704				
1520-96-3	Perylene-d12	521250	24.941				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-15-3	(S)-(+)-1,2-Propanediol	130	J			3.737	
	unknown-01	110	J			6.134	
000611-14-3	Benzene, 1-ethyl-2-methyl-	160	J			7.156	
000526-73-8	Benzene, 1,2,3-trimethyl-	180	J			7.291	
000637-50-3	Benzene, 1-propenyl-	110	J			8.255	
006052-63-7	Benzeneethanol, .beta.-ethenyl-	150	J			8.449	
000095-13-6	Indene	680	J			8.613	
000617-94-7	Benzenemethanol, .alpha.,.alpha.-d	930	J			9.177	
001604-11-1	Butanedioic acid, methyl-, dimethy	130	J			9.794	
027129-87-9	Benzenemethanol, 3,5-dimethyl-	310	J			10.306	
000536-50-5	Benzenemethanol, .alpha.,4-dimethy	370	J			10.382	
000585-74-0	Ethanone, 1-(3-methylphenyl)-	340	J			10.576	
001197-01-9	Benzenemethanol, .alpha.,.alpha.,4	270	J			10.658	
000122-00-9	Ethanone, 1-(4-methylphenyl)-	700	J			10.805	
006351-10-6	1H-Inden-1-ol, 2,3-dihydro-	110	J			11.492	
000770-35-4	1-Phenoxypropan-2-ol	160	J			11.628	
000083-33-0	1H-Inden-1-one, 2,3-dihydro-	1200	J			12.262	

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:	C0SJ0	SDG No.:	BG062424
Lab Sample ID:	P2856-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061685.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000362-46-9	1H-2-Benzopyran-1-carboxylic acid,	140	J			12.685	
000582-16-1	Naphthalene, 2,7-dimethyl-	200	J			13.866	
000581-40-8	Naphthalene, 2,3-dimethyl-	140	J			14.025	
000057-10-3	n-Hexadecanoic acid	340	J			18.331	
000057-11-4	Octadecanoic acid	120	J			19.601	
	(DEL) Alkane: Straight-Chain21.357	300	J			21.357	
E966796	Total Alkanes	300				99	ug/Kg

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:	C0SJ3	SDG No.:	BG062424
Lab Sample ID:	P2856-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35
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
BG061686.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	41	U	41	10.1	100	ug/Kg
100-52-7	Benzaldehyde	89	U	89	130	510	ug/Kg
110-86-1	Pyridine	120	U	120	250	510	ug/Kg
108-95-2	Phenol	46	U	46	130	510	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	130	510	ug/Kg
95-57-8	2-Chlorophenol	43	U	43	65.2	260	ug/Kg
95-48-7	2-Methylphenol	48	U	48	130	510	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61	U	61	130	510	ug/Kg
98-86-2	Acetophenone	100	U	100	130	510	ug/Kg
106-44-5	4-Methylphenol	81	U	81	130	510	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	120	U	120	65.2	260	ug/Kg
67-72-1	Hexachloroethane	94	U	94	65.2	260	ug/Kg
98-95-3	Nitrobenzene	98	U	98	65.2	260	ug/Kg
78-59-1	Isophorone	100	U	100	65.2	260	ug/Kg
88-75-5	2-Nitrophenol	92	U	92	65.2	260	ug/Kg
105-67-9	2,4-Dimethylphenol	49	U	49	65.2	260	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	69	U	69	65.2	260	ug/Kg
120-83-2	2,4-Dichlorophenol	58	U	58	65.2	260	ug/Kg
91-20-3	Naphthalene	37	U	37	65.2	260	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	65.2	510	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	65.2	260	ug/Kg
105-60-2	Caprolactam	98	U	98	130	510	ug/Kg
59-50-7	4-Chloro-3-methylphenol	63	U	63	65.2	260	ug/Kg
90-12-0	1-Methylnaphthalene	37	U	37	65.2	260	ug/Kg
91-57-6	2-Methylnaphthalene	49	U	49	65.2	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	130	510	ug/Kg
88-06-2	2,4,6-Trichlorophenol	37	U	37	65.2	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	65.2	260	ug/Kg

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:	C0SJ3	SDG No.:	BG062424
Lab Sample ID:	P2856-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35
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
BG061686.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	40	U	40	65.2	260	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	65.2	260	ug/Kg
88-74-4	2-Nitroaniline	69	U	69	65.2	260	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	65.2	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	65.2	260	ug/Kg
208-96-8	Acenaphthylene	44	U	44	65.2	260	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	130	510	ug/Kg
83-32-9	Acenaphthene	40	U	40	65.2	260	ug/Kg
51-28-5	2,4-Dinitrophenol	200	U	200	130	510	ug/Kg
100-02-7	4-Nitrophenol	67	U	67	130	510	ug/Kg
132-64-9	Dibenzofuran	41	U	41	65.2	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	65.2	260	ug/Kg
84-66-2	Diethylphthalate	51	U	51	65.2	260	ug/Kg
86-73-7	Fluorene	41	U	41	65.2	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31	U	31	65.2	260	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	130	510	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	58	U	58	130	510	ug/Kg
86-30-6	N-Nitrosodiphenylamine	37	U	37	65.2	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	65.2	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	40	U	40	65.2	260	ug/Kg
118-74-1	Hexachlorobenzene	43	U	43	65.2	260	ug/Kg
1912-24-9	Atrazine	43	U	43	130	510	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	130	510	ug/Kg
85-01-8	Phenanthrene	41	U	41	65.2	260	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	65.2	260	ug/Kg
120-12-7	Anthracene	38	U	38	65.2	260	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	26	U	26	65.2	260	ug/Kg
86-74-8	Carbazole	52	U	52	130	510	ug/Kg
84-74-2	Di-n-butylphthalate	41	U	41	65.2	260	ug/Kg
206-44-0	Fluoranthene	29	U	29	130	260	ug/Kg

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:	C0SJ3	SDG No.:	BG062424
Lab Sample ID:	P2856-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35
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
BG061686.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	28	U	28	65.2	260	ug/Kg
85-68-7	Butylbenzylphthalate	34	U	34	65.2	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	80	U	80	130	510	ug/Kg
56-55-3	Benzo(a)anthracene	35	U	35	65.2	260	ug/Kg
218-01-9	Chrysene	37	U	37	65.2	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	38	U	38	65.2	260	ug/Kg
117-84-0	Di-n-octyl phthalate	74	U	74	130	510	ug/Kg
205-99-2	Benzo(b)fluoranthene	57	U	57	65.2	260	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	65.2	260	ug/Kg
50-32-8	Benzo(a)pyrene	48	U	48	65.2	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	43	U	43	65.2	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	40	U	40	65.2	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	49	U	49	65.2	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55	U	55	65.2	260	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.792		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	6.423	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	24.309		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.17		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.876		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	26.017		10-140		65	SPK: -40
4165-60-0	Nitrobenzene-d5	29.538		10-135		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.017		10-120		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.14		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.94		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.73		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	27.872		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.796		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	28.153		20-140		70	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:	C0SJ3	SDG No.:	BG062424
Lab Sample ID:	P2856-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35
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
BG061686.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.631		10-130		62	SPK: -40
1719-06-8	Anthracene-d10	28.603		10-150		72	SPK: -40
1718-52-1	Pyrene-d10	29.208		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.784		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	55021	8.076				
1146-65-2	Naphthalene-d8	275990	10.885				
15067-26-2	Acenaphthene-d10	207109	14.704				
1517-22-2	Phenanthrene-d10	504348	17.442				
1719-03-5	Chrysene-d12	430711	21.707				
1520-96-3	Perylene-d12	497008	24.939				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-14-2	R-(-)-1,2-propanediol	180	J			3.74	
000056-81-5	Glycerin	140	J			7.007	
000770-35-4	1-Phenoxypropan-2-ol	160	J			11.619	
000057-10-3	n-Hexadecanoic acid	390	J			18.329	
000057-11-4	Octadecanoic acid	160	J			19.598	
	(DEL) Alkane: Straight-Chain	390	J			21.361	
E966796	Total Alkanes	390				99	ug/Kg

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:	C0SJ5	SDG No.:	BG062424
Lab Sample ID:	P2856-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
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
BG061687.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.7	78	ug/Kg
100-52-7	Benzaldehyde	68	U	68	96.2	380	ug/Kg
110-86-1	Pyridine	90	U	90	190	380	ug/Kg
108-95-2	Phenol	35	U	35	96.2	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	96.2	380	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.5	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	96.2	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	96.2	380	ug/Kg
98-86-2	Acetophenone	77	U	77	96.2	380	ug/Kg
106-44-5	4-Methylphenol	62	U	62	96.2	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	92	U	92	49.5	200	ug/Kg
67-72-1	Hexachloroethane	71	U	71	49.5	200	ug/Kg
98-95-3	Nitrobenzene	75	U	75	49.5	200	ug/Kg
78-59-1	Isophorone	77	U	77	49.5	200	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	49.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	49.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49.5	200	ug/Kg
91-20-3	Naphthalene	720		28	49.5	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	49.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	49.5	200	ug/Kg
105-60-2	Caprolactam	75	U	75	96.2	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	49.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	310		28	49.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	570		37	49.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	96.2	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	49.5	200	ug/Kg

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:	C0SJ5	SDG No.:	BG062424
Lab Sample ID:	P2856-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
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
BG061687.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	69	J	30	49.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	49.5	200	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	49.5	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49.5	200	ug/Kg
208-96-8	Acenaphthylene	230		34	49.5	200	ug/Kg
99-09-2	3-Nitroaniline	77	U	77	96.2	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	49.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	96.2	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	96.2	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	49.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	49.5	200	ug/Kg
84-66-2	Diethylphthalate	38	U	38	49.5	200	ug/Kg
86-73-7	Fluorene	180	J	31	49.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.5	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	96.2	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	96.2	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	49.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49.5	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	49.5	200	ug/Kg
1912-24-9	Atrazine	33	U	33	96.2	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	96.2	380	ug/Kg
85-01-8	Phenanthrene	580		31	49.5	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.5	200	ug/Kg
120-12-7	Anthracene	150	J	29	49.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49.5	200	ug/Kg
86-74-8	Carbazole	40	U	40	96.2	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	49.5	200	ug/Kg
206-44-0	Fluoranthene	210		22	96.2	200	ug/Kg

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:	C0SJ5	SDG No.:	BG062424
Lab Sample ID:	P2856-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
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
BG061687.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	310		21	49.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	49.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	96.2	380	ug/Kg
56-55-3	Benzo(a)anthracene	110	J	27	49.5	200	ug/Kg
218-01-9	Chrysene	87	J	28	49.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	49.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	96.2	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	69	J	43	49.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	85	J	36	49.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	49.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	49.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	49.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	49.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.51		15-120		94	SPK: -8
7291-22-7	Pyridine-d5	30.309		20-120		76	SPK: -40
4165-62-2	Phenol-d5	32.468		10-130		81	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.809		10-150		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.771		15-120		82	SPK: -40
190780-66-6	4-Methylphenol-d8	33.124		10-140		83	SPK: -40
4165-60-0	Nitrobenzene-d5	37.507		10-135		94	SPK: -40
93951-78-1	2-Nitrophenol-d4	43.184		10-120		108	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.664		10-140		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.481		1-145		84	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.498		10-145		84	SPK: -40
93951-97-4	Acenaphthylene-d8	34.981		15-120		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.647		10-150		87	SPK: -40
81103-79-9	Fluorene-d10	36.799		20-140		92	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:	C0SJ5	SDG No.:	BG062424
Lab Sample ID:	P2856-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061687.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.486		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	34.811		10-150		87	SPK: -40
1718-52-1	Pyrene-d10	36.049		10-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.926		10-140		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	47445	8.07				
1146-65-2	Naphthalene-d8	232159	10.891				
15067-26-2	Acenaphthene-d10	173407	14.698				
1517-22-2	Phenanthrene-d10	444556	17.442				
1719-03-5	Chrysene-d12	388742	21.707				
1520-96-3	Perylene-d12	464635	24.933				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	160	J			3.74	
	unknown-02	100	J			7.718	
001119-40-0	Pentanedioic acid, dimethyl ester	91	J			9.792	
000770-35-4	1-Phenoxypropan-2-ol	150	J			11.619	
000581-40-8	Naphthalene, 2,3-dimethyl-	150	J			14.022	
001855-47-6	1-Isopropenylnaphthalene	81	J			15.303	
000132-65-0	Dibenzothiophene	84	J			17.26	
000057-10-3	n-Hexadecanoic acid	380	J			18.329	
000613-12-7	Anthracene, 2-methyl-	150	J			18.364	
000203-64-5	4H-Cyclopenta[def]phenanthrene	190	J			18.511	
000886-66-8	Benzene, 1,1-(1,3-butadiyne-1,4-diyl)bis-	92	J			19.639	
007773-83-3	1-Docosanethiol	250	J			21.361	
E966796	Total Alkanes	30	U			99	ug/Kg

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:	C0SJ6	SDG No.:	BG062424
Lab Sample ID:	P2856-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061688.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.2	73	ug/Kg
100-52-7	Benzaldehyde	64	U	64	90.6	360	ug/Kg
110-86-1	Pyridine	85	U	85	180	360	ug/Kg
108-95-2	Phenol	33	U	33	90.6	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	90.6	360	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	46.7	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	90.6	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44	U	44	90.6	360	ug/Kg
98-86-2	Acetophenone	72	U	72	90.6	360	ug/Kg
106-44-5	4-Methylphenol	58	U	58	90.6	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	87	U	87	46.7	190	ug/Kg
67-72-1	Hexachloroethane	67	U	67	46.7	190	ug/Kg
98-95-3	Nitrobenzene	70	U	70	46.7	190	ug/Kg
78-59-1	Isophorone	72	U	72	46.7	190	ug/Kg
88-75-5	2-Nitrophenol	66	U	66	46.7	190	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	46.7	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	46.7	190	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	46.7	190	ug/Kg
91-20-3	Naphthalene	26	U	26	46.7	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	46.7	360	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	46.7	190	ug/Kg
105-60-2	Caprolactam	70	U	70	90.6	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	46.7	190	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	46.7	190	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	46.7	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	90.6	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26	U	26	46.7	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	36	U	36	46.7	190	ug/Kg

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:	C0SJ6	SDG No.:	BG062424
Lab Sample ID:	P2856-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061688.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	46.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	46.7	190	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	46.7	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	46.7	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	46.7	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	46.7	190	ug/Kg
99-09-2	3-Nitroaniline	72	U	72	90.6	360	ug/Kg
83-32-9	Acenaphthene	29	U	29	46.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	90.6	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	90.6	360	ug/Kg
132-64-9	Dibenzofuran	30	U	30	46.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	38	U	38	46.7	190	ug/Kg
84-66-2	Diethylphthalate	36	U	36	46.7	190	ug/Kg
86-73-7	Fluorene	30	U	30	46.7	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.7	190	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	90.6	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	90.6	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	46.7	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	46.7	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	46.7	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	46.7	190	ug/Kg
1912-24-9	Atrazine	31	U	31	90.6	360	ug/Kg
87-86-5	Pentachlorophenol	97	U	97	90.6	360	ug/Kg
85-01-8	Phenanthrene	30	U	30	46.7	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	46.7	190	ug/Kg
120-12-7	Anthracene	27	U	27	46.7	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	46.7	190	ug/Kg
86-74-8	Carbazole	37	U	37	90.6	360	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	46.7	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	90.6	190	ug/Kg

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:	C0SJ6	SDG No.:	BG062424
Lab Sample ID:	P2856-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061688.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	46.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	46.7	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	90.6	360	ug/Kg
56-55-3	Benzo(a)anthracene	25	U	25	46.7	190	ug/Kg
218-01-9	Chrysene	26	U	26	46.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	27	U	27	46.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	90.6	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	46.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	46.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	46.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	46.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	46.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	46.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	46.7	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.659		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	21.049		20-120		53	SPK: -40
4165-62-2	Phenol-d5	26.353		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.139		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.11		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	28.211		10-140		71	SPK: -40
4165-60-0	Nitrobenzene-d5	30.469		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.507		10-120		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.271		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.428		1-145		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.372		10-145		71	SPK: -40
93951-97-4	Acenaphthylene-d8	29.101		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.507		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	29.237		20-140		73	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:	C0SJ6	SDG No.:	BG062424
Lab Sample ID:	P2856-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061688.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.999		10-130		62	SPK: -40
1719-06-8	Anthracene-d10	29.597		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	31.436		10-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.822		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62101	8.073				
1146-65-2	Naphthalene-d8	332043	10.887				
15067-26-2	Acenaphthene-d10	254426	14.701				
1517-22-2	Phenanthrene-d10	587859	17.444				
1719-03-5	Chrysene-d12	483707	21.704				
1520-96-3	Perylene-d12	555837	24.936				
TENTATIVE IDENTIFIED COMPOUNDS							
003944-37-4	1-Propanol, 2-(1-methylethoxy)-	91	J			3.737	
001119-40-0	Pentanedioic acid, dimethyl ester	86	J			9.789	
000770-35-4	1-Phenoxypropan-2-ol	130	J			11.616	
000057-10-3	n-Hexadecanoic acid	210	J			18.326	
000057-11-4	Octadecanoic acid	84	J			19.595	
	(DEL) Alkane: Straight-Chain21.363	280	J			21.363	
000112-84-5	13-Docosenamide, (Z)-	270	J			23.208	
E966796	Total Alkanes	280				99	ug/Kg

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:	C0SJ7	SDG No.:	BG062424
Lab Sample ID:	P2856-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.1
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
BG061689.D	1	6/13/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.3	74	ug/Kg
100-52-7	Benzaldehyde	65	U	65	91.8	370	ug/Kg
110-86-1	Pyridine	86	U	86	180	370	ug/Kg
108-95-2	Phenol	33	U	33	91.8	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	91.8	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.3	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	91.8	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44	U	44	91.8	370	ug/Kg
98-86-2	Acetophenone	73	U	73	91.8	370	ug/Kg
106-44-5	4-Methylphenol	59	U	59	91.8	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	88	U	88	47.3	190	ug/Kg
67-72-1	Hexachloroethane	68	U	68	47.3	190	ug/Kg
98-95-3	Nitrobenzene	71	U	71	47.3	190	ug/Kg
78-59-1	Isophorone	73	U	73	47.3	190	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	47.3	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	47.3	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	47.3	190	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	47.3	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47.3	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	47.3	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.3	190	ug/Kg
105-60-2	Caprolactam	71	U	71	91.8	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	47.3	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.3	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	47.3	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	91.8	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.3	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.3	190	ug/Kg

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:	C0SJ7	SDG No.:	BG062424
Lab Sample ID:	P2856-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.1
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
BG061689.D	1	6/13/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.3	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.3	190	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	47.3	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	47.3	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47.3	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	47.3	190	ug/Kg
99-09-2	3-Nitroaniline	73	U	73	91.8	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.3	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	91.8	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	91.8	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.3	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.3	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.3	190	ug/Kg
86-73-7	Fluorene	30	U	30	47.3	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.3	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	91.8	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	91.8	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.3	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.3	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47.3	190	ug/Kg
1912-24-9	Atrazine	31	U	31	91.8	370	ug/Kg
87-86-5	Pentachlorophenol	98	U	98	91.8	370	ug/Kg
85-01-8	Phenanthrene	30	U	30	47.3	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	47.3	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.3	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.3	190	ug/Kg
86-74-8	Carbazole	38	U	38	91.8	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.3	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	91.8	190	ug/Kg

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:	C0SJ7	SDG No.:	BG062424
Lab Sample ID:	P2856-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.1
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
BG061689.D	1	6/13/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	47.3	190	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	47.3	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	91.8	370	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	47.3	190	ug/Kg
218-01-9	Chrysene	27	U	27	47.3	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	47.3	190	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	91.8	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	47.3	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	47.3	190	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	47.3	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	47.3	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	47.3	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	47.3	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47.3	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.792		15-120		72	SPK: -8
7291-22-7	Pyridine-d5	27.939		20-120		70	SPK: -40
4165-62-2	Phenol-d5	30.913		10-130		77	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.578		10-150		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.641		15-120		79	SPK: -40
190780-66-6	4-Methylphenol-d8	34.204		10-140		86	SPK: -40
4165-60-0	Nitrobenzene-d5	35.401		10-135		89	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.997		10-120		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.973		10-140		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.321		1-145		76	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.134		10-145		80	SPK: -40
93951-97-4	Acenaphthylene-d8	33.159		15-120		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.891		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	33.579		20-140		84	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:	C0SJ7	SDG No.:	BG062424
Lab Sample ID:	P2856-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.1
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
BG061689.D	1	6/13/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.721		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	32.931		10-150		82	SPK: -40
1718-52-1	Pyrene-d10	34.476		10-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.398		10-140		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	54916	8.076				
1146-65-2	Naphthalene-d8	295864	10.885				
15067-26-2	Acenaphthene-d10	219824	14.704				
1517-22-2	Phenanthrene-d10	523332	17.442				
1719-03-5	Chrysene-d12	427693	21.707				
1520-96-3	Perylene-d12	506371	24.933				
TENTATIVE IDENTIFIED COMPOUNDS							
001119-40-0	Pentanedioic acid, dimethyl ester	74	J			9.792	
000770-35-4	1-Phenoxypropan-2-ol	130	J			11.619	
000057-10-3	n-Hexadecanoic acid	670	J			18.329	
000057-11-4	Octadecanoic acid	340	J			19.598	
	(DEL) Alkane: Straight-Chain	260	J			21.355	
000301-02-0	9-Octadecenamide, (Z)-	410	J			23.212	
E966796	Total Alkanes	260				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SH4	SDG No.:	BG062424
Lab Sample ID:	P2856-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061690.D	1	6/13/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34	U	34	8.4	85	ug/Kg
100-52-7	Benzaldehyde	74	U	74	100	420	ug/Kg
110-86-1	Pyridine	98	U	98	210	420	ug/Kg
108-95-2	Phenol	38	U	38	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	100	420	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	54.1	220	ug/Kg
95-48-7	2-Methylphenol	39	U	39	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	51	U	51	100	420	ug/Kg
98-86-2	Acetophenone	84	U	84	100	420	ug/Kg
106-44-5	4-Methylphenol	67	U	67	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	54.1	220	ug/Kg
67-72-1	Hexachloroethane	78	U	78	54.1	220	ug/Kg
98-95-3	Nitrobenzene	81	U	81	54.1	220	ug/Kg
78-59-1	Isophorone	84	U	84	54.1	220	ug/Kg
88-75-5	2-Nitrophenol	76	U	76	54.1	220	ug/Kg
105-67-9	2,4-Dimethylphenol	41	U	41	54.1	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	54.1	220	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	54.1	220	ug/Kg
91-20-3	Naphthalene	31	U	31	54.1	220	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	54.1	420	ug/Kg
87-68-3	Hexachlorobutadiene	45	U	45	54.1	220	ug/Kg
105-60-2	Caprolactam	81	U	81	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	54.1	220	ug/Kg
90-12-0	1-Methylnaphthalene	31	U	31	54.1	220	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	54.1	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	31	U	31	54.1	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	54.1	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SH4	SDG No.:	BG062424
Lab Sample ID:	P2856-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061690.D	1	6/13/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	54.1	220	ug/Kg
91-58-7	2-Chloronaphthalene	42	U	42	54.1	220	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	54.1	220	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	54.1	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	54.1	220	ug/Kg
208-96-8	Acenaphthylene	37	U	37	54.1	220	ug/Kg
99-09-2	3-Nitroaniline	84	U	84	100	420	ug/Kg
83-32-9	Acenaphthene	33	U	33	54.1	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	100	420	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	100	420	ug/Kg
132-64-9	Dibenzofuran	34	U	34	54.1	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	54.1	220	ug/Kg
84-66-2	Diethylphthalate	42	U	42	54.1	220	ug/Kg
86-73-7	Fluorene	34	U	34	54.1	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	54.1	220	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	31	U	31	54.1	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	43	U	43	54.1	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	54.1	220	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	54.1	220	ug/Kg
1912-24-9	Atrazine	36	U	36	100	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	420	ug/Kg
85-01-8	Phenanthrene	34	U	34	54.1	220	ug/Kg
608-93-5	Pentachlorobenzene	47	U	47	54.1	220	ug/Kg
120-12-7	Anthracene	32	U	32	54.1	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	54.1	220	ug/Kg
86-74-8	Carbazole	43	U	43	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	34	U	34	54.1	220	ug/Kg
206-44-0	Fluoranthene	24	U	24	100	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SH4	SDG No.:	BG062424
Lab Sample ID:	P2856-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061690.D	1	6/13/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	23	U	23	54.1	220	ug/Kg
85-68-7	Butylbenzylphthalate	28	U	28	54.1	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66	U	66	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	54.1	220	ug/Kg
218-01-9	Chrysene	31	U	31	54.1	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	32	U	32	54.1	220	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	61	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	47	U	47	54.1	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	54.1	220	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	54.1	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	54.1	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	54.1	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	54.1	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	54.1	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.649		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	16.922		20-120		42	SPK: -40
4165-62-2	Phenol-d5	20.031		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.354		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.531		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	21.827		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	23.224		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.324		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.476		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.246		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.266		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	21.849		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.568		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	22.476		20-140		56	SPK: -40

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SH4	SDG No.:	BG062424
Lab Sample ID:	P2856-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061690.D	1	6/13/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.698		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	22		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	23.09		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.967		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	58927	8.071				
1146-65-2	Naphthalene-d8	316621	10.886				
15067-26-2	Acenaphthene-d10	237323	14.699				
1517-22-2	Phenanthrene-d10	594609	17.443				
1719-03-5	Chrysene-d12	518690	21.708				
1520-96-3	Perylene-d12	605424	24.934				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	99	J			11.62	
000057-10-3	n-Hexadecanoic acid	180	J			18.324	
057866-08-7	Tetracosanal	200	J			21.361	
E966796	Total Alkanes	33	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	SLCS483	SDG No.:	BG062424
Lab Sample ID:	PB161483BS	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
BG061691.D	1	6/13/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	350		27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1300		58	82.5	330	ug/Kg
110-86-1	Pyridine	940		77	170	330	ug/Kg
108-95-2	Phenol	1100		30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100		29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1200		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1100		31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		40	82.5	330	ug/Kg
98-86-2	Acetophenone	1100		66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1100		53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1100		79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1100		61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1200		64	42.5	170	ug/Kg
78-59-1	Isophorone	1000		66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1400		60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	820		32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100		45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		38	42.5	170	ug/Kg
91-20-3	Naphthalene	1100		24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	910		36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1100		35	42.5	170	ug/Kg
105-60-2	Caprolactam	1100		64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	1000		24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1100		32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	830		97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	SLCS483	SDG No.:	BG062424
Lab Sample ID:	PB161483BS	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
BG061691.D	1	6/13/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1200		26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1200		33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1400		45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	1100		30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1100		29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1400		66	82.5	330	ug/Kg
83-32-9	Acenaphthene	1100		26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	1400		130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1200		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1100		27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	1100		33	42.5	170	ug/Kg
86-73-7	Fluorene	1100		27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1500		24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1200		24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1200		28	42.5	170	ug/Kg
1912-24-9	Atrazine	690		28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	1000		88	82.5	330	ug/Kg
85-01-8	Phenanthrene	1100		27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1200		37	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		17	42.5	170	ug/Kg
86-74-8	Carbazole	1200		34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1300		27	42.5	170	ug/Kg
206-44-0	Fluoranthene	1200		19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	SLCS483	SDG No.:	BG062424
Lab Sample ID:	PB161483BS	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
BG061691.D	1	6/13/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1400		22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1200		23	42.5	170	ug/Kg
218-01-9	Chrysene	1100		24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		37	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		31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.224		15-120		78	SPK: -8
7291-22-7	Pyridine-d5	28.797		20-120		72	SPK: -40
4165-62-2	Phenol-d5	34.607		10-130		87	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.363		10-150		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.837		15-120		85	SPK: -40
190780-66-6	4-Methylphenol-d8	34.866		10-140		87	SPK: -40
4165-60-0	Nitrobenzene-d5	36.687		10-135		92	SPK: -40
93951-78-1	2-Nitrophenol-d4	42.296		10-120		106	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.524		10-140		89	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.325		1-145		76	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.544		10-145		86	SPK: -40
93951-97-4	Acenaphthylene-d8	35.4		15-120		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	37.934		10-150		95	SPK: -40
81103-79-9	Fluorene-d10	35.808		20-140		90	SPK: -40

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	SLCS483	SDG No.:	BG062424
Lab Sample ID:	PB161483BS	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
BG061691.D	1	6/13/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	43.058		10-130		108	SPK: -40
1719-06-8	Anthracene-d10	34.008		10-150		85	SPK: -40
1718-52-1	Pyrene-d10	36.607		10-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.405		10-140		94	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62989	8.07				
1146-65-2	Naphthalene-d8	329448	10.885				
15067-26-2	Acenaphthene-d10	234247	14.704				
1517-22-2	Phenanthrene-d10	547901	17.442				
1719-03-5	Chrysene-d12	458114	21.713				
1520-96-3	Perylene-d12	528799	24.939				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SE9	SDG No.:	BG062424
Lab Sample ID:	P2856-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.8
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
BG061692.D	1	6/13/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34	U	34	8.4	85	ug/Kg
100-52-7	Benzaldehyde	74	U	74	110	420	ug/Kg
110-86-1	Pyridine	98	U	98	210	420	ug/Kg
108-95-2	Phenol	38	U	38	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	110	420	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	54.2	220	ug/Kg
95-48-7	2-Methylphenol	40	U	40	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	51	U	51	110	420	ug/Kg
98-86-2	Acetophenone	84	U	84	110	420	ug/Kg
106-44-5	4-Methylphenol	68	U	68	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	54.2	220	ug/Kg
67-72-1	Hexachloroethane	78	U	78	54.2	220	ug/Kg
98-95-3	Nitrobenzene	82	U	82	54.2	220	ug/Kg
78-59-1	Isophorone	84	U	84	54.2	220	ug/Kg
88-75-5	2-Nitrophenol	76	U	76	54.2	220	ug/Kg
105-67-9	2,4-Dimethylphenol	41	U	41	54.2	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	54.2	220	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	54.2	220	ug/Kg
91-20-3	Naphthalene	800		31	54.2	220	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	54.2	420	ug/Kg
87-68-3	Hexachlorobutadiene	45	U	45	54.2	220	ug/Kg
105-60-2	Caprolactam	82	U	82	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	54.2	220	ug/Kg
90-12-0	1-Methylnaphthalene	100	J	31	54.2	220	ug/Kg
91-57-6	2-Methylnaphthalene	180	J	41	54.2	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	31	U	31	54.2	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	54.2	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SE9	SDG No.:	BG062424
Lab Sample ID:	P2856-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.8
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
BG061692.D	1	6/13/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	54.2	220	ug/Kg
91-58-7	2-Chloronaphthalene	42	U	42	54.2	220	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	54.2	220	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	54.2	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	54.2	220	ug/Kg
208-96-8	Acenaphthylene	55	J	37	54.2	220	ug/Kg
99-09-2	3-Nitroaniline	84	U	84	110	420	ug/Kg
83-32-9	Acenaphthene	33	U	33	54.2	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	420	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	110	420	ug/Kg
132-64-9	Dibenzofuran	34	U	34	54.2	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	54.2	220	ug/Kg
84-66-2	Diethylphthalate	42	U	42	54.2	220	ug/Kg
86-73-7	Fluorene	34	U	34	54.2	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	54.2	220	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	31	U	31	54.2	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	43	U	43	54.2	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	54.2	220	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	54.2	220	ug/Kg
1912-24-9	Atrazine	36	U	36	110	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	110	420	ug/Kg
85-01-8	Phenanthrene	72	J	34	54.2	220	ug/Kg
608-93-5	Pentachlorobenzene	47	U	47	54.2	220	ug/Kg
120-12-7	Anthracene	32	U	32	54.2	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	54.2	220	ug/Kg
86-74-8	Carbazole	43	U	43	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	34	U	34	54.2	220	ug/Kg
206-44-0	Fluoranthene	24	U	24	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SE9	SDG No.:	BG062424
Lab Sample ID:	P2856-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.8
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
BG061692.D	1	6/13/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	23	U	23	54.2	220	ug/Kg
85-68-7	Butylbenzylphthalate	28	U	28	54.2	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66	U	66	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	54.2	220	ug/Kg
218-01-9	Chrysene	31	U	31	54.2	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	32	U	32	54.2	220	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	61	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	47	U	47	54.2	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	54.2	220	ug/Kg
50-32-8	Benzo(a)pyrene	40	U	40	54.2	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	54.2	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	54.2	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	54.2	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	54.2	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.461		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	12.086		20-120		30	SPK: -40
4165-62-2	Phenol-d5	19.575		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.755		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.603		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	21.27		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	22.103		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.068		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.2		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.666		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.256		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.39		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.637		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	22.703		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SE9	SDG No.:	BG062424
Lab Sample ID:	P2856-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.8
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
BG061692.D	1	6/13/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.947		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	22.98		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	24.36		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.603		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72478	8.076				
1146-65-2	Naphthalene-d8	390286	10.884				
15067-26-2	Acenaphthene-d10	288150	14.698				
1517-22-2	Phenanthrene-d10	681960	17.442				
1719-03-5	Chrysene-d12	572959	21.707				
1520-96-3	Perylene-d12	673682	24.939				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-14-2	R-(-)-1,2-propanediol	88	J			3.74	
000622-97-9	Benzene, 1-ethenyl-4-methyl-	90	J			7.723	
000095-13-6	Indene	230	J			8.617	
000770-35-4	1-Phenoxypropan-2-ol	99	J			11.613	
000057-10-3	n-Hexadecanoic acid	240	J			18.329	
000057-11-4	Octadecanoic acid	95	J			19.598	
000400-57-7	Heptafluorobutyric acid, n-octadec	190	J			21.36	
E966796	Total Alkanes	33	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	SLCS484	SDG No.:	BG062424
Lab Sample ID:	PB161484BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061693.D	1	6/13/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161484

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	10000		910	190	1900	ug/Kg
100-52-7	Benzaldehyde	38000		2000	2400	9700	ug/Kg
110-86-1	Pyridine	27000		3400	4800	9700	ug/Kg
108-95-2	Phenol	33000		1500	2400	9700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	31000		1800	2400	9700	ug/Kg
95-57-8	2-Chlorophenol	33000		1500	1200	4900	ug/Kg
95-48-7	2-Methylphenol	35000		1200	2400	9700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34000		1900	2400	9700	ug/Kg
98-86-2	Acetophenone	33000		1500	2400	9700	ug/Kg
106-44-5	4-Methylphenol	34000		1500	2400	9700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	33000		2000	1200	4900	ug/Kg
67-72-1	Hexachloroethane	36000		1700	1200	4900	ug/Kg
98-95-3	Nitrobenzene	34000		1700	1200	4900	ug/Kg
78-59-1	Isophorone	30000		1100	1200	4900	ug/Kg
88-75-5	2-Nitrophenol	39000		840	1200	4900	ug/Kg
105-67-9	2,4-Dimethylphenol	23000		570	1200	4900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	30000		940	1200	4900	ug/Kg
120-83-2	2,4-Dichlorophenol	34000		730	1200	4900	ug/Kg
91-20-3	Naphthalene	30000		540	1200	4900	ug/Kg
106-47-8	4-Chloroaniline	26000		870	1200	9700	ug/Kg
87-68-3	Hexachlorobutadiene	33000		1200	1200	4900	ug/Kg
105-60-2	Caprolactam	34000		1900	2400	9700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33000		1100	1200	4900	ug/Kg
90-12-0	1-Methylnaphthalene	30000		600	1200	4900	ug/Kg
91-57-6	2-Methylnaphthalene	31000		740	1200	4900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22000		2500	2400	9700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	33000		1200	1200	4900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	34000		930	1200	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	SLCS484	SDG No.:	BG062424
Lab Sample ID:	PB161484BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061693.D	1	6/13/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161484

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32000		880	1200	4900	ug/Kg
91-58-7	2-Chloronaphthalene	32000		830	1200	4900	ug/Kg
88-74-4	2-Nitroaniline	41000		1600	1200	4900	ug/Kg
131-11-3	Dimethylphthalate	30000		800	1200	4900	ug/Kg
606-20-2	2,6-Dinitrotoluene	41000		1500	1200	4900	ug/Kg
208-96-8	Acenaphthylene	31000		840	1200	4900	ug/Kg
99-09-2	3-Nitroaniline	41000		1300	2400	9700	ug/Kg
83-32-9	Acenaphthene	31000		760	1200	4900	ug/Kg
51-28-5	2,4-Dinitrophenol	42000		3500	2400	9700	ug/Kg
100-02-7	4-Nitrophenol	35000		1600	2400	9700	ug/Kg
132-64-9	Dibenzofuran	32000		760	1200	4900	ug/Kg
121-14-2	2,4-Dinitrotoluene	42000		930	1200	4900	ug/Kg
84-66-2	Diethylphthalate	33000		1700	1200	4900	ug/Kg
86-73-7	Fluorene	32000		1700	1200	4900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	32000		1200	1200	4900	ug/Kg
100-01-6	4-Nitroaniline	42000		1200	2400	9700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38000		2400	2400	9700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33000		2700	1200	4900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	31000		850	1200	4900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34000		1800	1200	4900	ug/Kg
118-74-1	Hexachlorobenzene	33000		2100	1200	4900	ug/Kg
1912-24-9	Atrazine	18000		2000	2400	9700	ug/Kg
87-86-5	Pentachlorophenol	30000		3200	2400	9700	ug/Kg
85-01-8	Phenanthrene	32000		670	1200	4900	ug/Kg
608-93-5	Pentachlorobenzene	32000		2000	1200	4900	ug/Kg
120-12-7	Anthracene	31000		550	1200	4900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	33000		2100	1200	4900	ug/Kg
86-74-8	Carbazole	33000		920	2400	9700	ug/Kg
84-74-2	Di-n-butylphthalate	35000		830	1200	4900	ug/Kg
206-44-0	Fluoranthene	35000		580	2400	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	SLCS484	SDG No.:	BG062424
Lab Sample ID:	PB161484BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061693.D	1	6/13/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161484

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	34000		600	1200	4900	ug/Kg
85-68-7	Butylbenzylphthalate	39000		500	1200	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	38000		1900	2400	9700	ug/Kg
56-55-3	Benzo(a)anthracene	33000		750	1200	4900	ug/Kg
218-01-9	Chrysene	33000		630	1200	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	39000		550	1200	4900	ug/Kg
117-84-0	Di-n-octyl phthalate	40000		1300	2400	9700	ug/Kg
205-99-2	Benzo(b)fluoranthene	34000		940	1200	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	33000		820	1200	4900	ug/Kg
50-32-8	Benzo(a)pyrene	31000		960	1200	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34000		900	1200	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33000		750	1200	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31000		870	1200	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	32000		1700	1200	4900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.498		15-120		81	SPK: -8
7291-22-7	Pyridine-d5	30.587		20-120		76	SPK: -40
4165-62-2	Phenol-d5	34.443		10-130		86	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.322		10-150		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.256		15-120		83	SPK: -40
190780-66-6	4-Methylphenol-d8	34.684		10-140		87	SPK: -40
4165-60-0	Nitrobenzene-d5	35.969		10-135		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	42.648		10-120		107	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.092		10-140		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.153		1-145		75	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.389		10-145		83	SPK: -40
93951-97-4	Acenaphthylene-d8	33.374		15-120		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	36.127		10-150		90	SPK: -40
81103-79-9	Fluorene-d10	34.763		20-140		87	SPK: -40

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	SLCS484	SDG No.:	BG062424
Lab Sample ID:	PB161484BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061693.D	1	6/13/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161484

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	41.869		10-130		105	SPK: -40
1719-06-8	Anthracene-d10	33.005		10-150		83	SPK: -40
1718-52-1	Pyrene-d10	36.642		10-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.166		10-140		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56007	8.072				
1146-65-2	Naphthalene-d8	298869	10.886				
15067-26-2	Acenaphthene-d10	226196	14.699				
1517-22-2	Phenanthrene-d10	567364	17.443				
1719-03-5	Chrysene-d12	468893	21.709				
1520-96-3	Perylene-d12	546858	24.934				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	880	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	SBLK483	SDG No.:	BG062424
Lab Sample ID:	PB161483BL	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
BG061695.D	1	6/13/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	58	U	58	82.5	330	ug/Kg
110-86-1	Pyridine	77	U	77	170	330	ug/Kg
108-95-2	Phenol	30	U	30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	29	U	29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	31	U	31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	82.5	330	ug/Kg
98-86-2	Acetophenone	66	U	66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	53	U	53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	79	U	79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	61	U	61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	64	U	64	42.5	170	ug/Kg
78-59-1	Isophorone	66	U	66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	42.5	170	ug/Kg
91-20-3	Naphthalene	24	U	24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	42.5	170	ug/Kg
105-60-2	Caprolactam	64	U	64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	24	U	24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33	U	33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	SBLK483	SDG No.:	BG062424
Lab Sample ID:	PB161483BL	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
BG061695.D	1	6/13/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	20	U	20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	29	U	29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	66	U	66	82.5	330	ug/Kg
83-32-9	Acenaphthene	26	U	26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	27	U	27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	33	U	33	42.5	170	ug/Kg
86-73-7	Fluorene	27	U	27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	24	U	24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38	U	38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	24	U	24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	26	U	26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	28	U	28	42.5	170	ug/Kg
1912-24-9	Atrazine	28	U	28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	82.5	330	ug/Kg
85-01-8	Phenanthrene	27	U	27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	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	17	U	17	42.5	170	ug/Kg
86-74-8	Carbazole	34	U	34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	27	U	27	42.5	170	ug/Kg
206-44-0	Fluoranthene	19	U	19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	SBLK483	SDG No.:	BG062424
Lab Sample ID:	PB161483BL	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
BG061695.D	1	6/13/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	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	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.537		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	27.57		20-120		69	SPK: -40
4165-62-2	Phenol-d5	27.037		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.317		10-150		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.439		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	27.46		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	33.005		10-135		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.228		10-120		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.793		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.84		1-145		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.055		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	29.112		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.775		10-150		77	SPK: -40
81103-79-9	Fluorene-d10	30.539		20-140		76	SPK: -40

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	SBLK483	SDG No.:	BG062424
Lab Sample ID:	PB161483BL	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
BG061695.D	1	6/13/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.97		10-130		77	SPK: -40
1719-06-8	Anthracene-d10	29.918		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	30.887		10-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.748		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69533	8.071				
1146-65-2	Naphthalene-d8	354943	10.886				
15067-26-2	Acenaphthene-d10	271286	14.699				
1517-22-2	Phenanthrene-d10	691776	17.443				
1719-03-5	Chrysene-d12	619886	21.708				
1520-96-3	Perylene-d12	734801	24.934				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4BP7DL2								
P2754-08DL2	A4BP7DL2	Solid	Total Alkanes	*	0.000	D 610	4000	ug/Kg
			Total Tics :			0.00		
P2754-08DL2	A4BP7DL2	Solid	Bis(2-ethylhexyl)phthalate		39,000.000	D 590	4000	ug/Kg
			Total Svoc :			39,000.00		
			Total Concentration:			39,000.00		
Client ID : A4BQ3								
P2775-01	A4BQ3	Solid	(DEL) Alkane: Straight-Chain21.3	*	320.000	J		
P2775-01	A4BQ3	Solid	1,3,5-Cycloheptatriene	*	150.000	J		
P2775-01	A4BQ3	Solid	1-Phenoxypropan-2-ol	*	430.000	J		
P2775-01	A4BQ3	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	300.000	J		
P2775-01	A4BQ3	Solid	n-Hexadecanoic acid	*	500.000	J		
P2775-01	A4BQ3	Solid	unknown-01	*	350.000	J		
P2775-01	A4BQ3	Solid	unknown-02	*	160.000	J		
P2775-01	A4BQ3	Solid	unknown-03	*	240.000	J		
P2775-01	A4BQ3	Solid	Total Alkanes	*	320.000	53	350	ug/Kg
			Total Tics :			2,770.00		
P2775-01	A4BQ3	Solid	Anthracene		75.000	J 51	350	ug/Kg
P2775-01	A4BQ3	Solid	Benzo(a)anthracene		400.000	47	350	ug/Kg
P2775-01	A4BQ3	Solid	Benzo(a)pyrene		250.000	J 63	350	ug/Kg
P2775-01	A4BQ3	Solid	Benzo(b)fluoranthene		610.000	76	350	ug/Kg
P2775-01	A4BQ3	Solid	Benzo(k)fluoranthene		200.000	J 78	350	ug/Kg
P2775-01	A4BQ3	Solid	Bis(2-ethylhexyl)phthalate		260.000	J 51	350	ug/Kg
P2775-01	A4BQ3	Solid	Chrysene		490.000	49	350	ug/Kg
P2775-01	A4BQ3	Solid	Dibenzo(a,h)anthracene		80.000	J 53	350	ug/Kg
P2775-01	A4BQ3	Solid	Fluoranthene		1,000.000	39	350	ug/Kg
P2775-01	A4BQ3	Solid	Indeno(1,2,3-cd)pyrene		180.000	J 57	350	ug/Kg
P2775-01	A4BQ3	Solid	Phenanthrene		470.000	55	350	ug/Kg
P2775-01	A4BQ3	Solid	Pyrene		700.000	37	350	ug/Kg
			Total Svoc :			4,715.00		
			Total Concentration:			7,485.00		
Client ID : A4DK2								
P2775-06	A4DK2	Solid	(DEL) Alkane: Straight-Chain24.0	*	84.000	J		
P2775-06	A4DK2	Solid	(DEL) Alkane: Straight-Chain26.2	*	190.000	J		
P2775-06	A4DK2	Solid	(DEL) Alkane: Straight-Chain26.3	*	330.000	J		
P2775-06	A4DK2	Solid	1-Acenaphthenol	*	70.000	J		
P2775-06	A4DK2	Solid	1-Phenoxypropan-2-ol	*	80.000	J		
P2775-06	A4DK2	Solid	16-Octadecenoic acid, methyl este	*	110.000	J		

Hit Summary Sheet SW-846

SDG No.: BG062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2775-06	A4DK2	Solid	9,10-Anthracenedione	*	310.000	J		
P2775-06	A4DK2	Solid	Benzene, 1,3-dichloro-	*	150.000	J		
P2775-06	A4DK2	Solid	Benzene, 1,4-dichloro-	*	430.000	J		
P2775-06	A4DK2	Solid	Benzene, pentachloro-	*	80.000	J		
P2775-06	A4DK2	Solid	Cyclopentaneundecanoic acid, me	*	190.000	J		
P2775-06	A4DK2	Solid	Methyl 22-methyl-tetracosanoate	*	88.000	J		
P2775-06	A4DK2	Solid	n-Hexadecanoic acid	*	440.000	J		
P2775-06	A4DK2	Solid	Tetradecanoic acid, 12-methyl-, m	*	220.000	J		
P2775-06	A4DK2	Solid	Tridecanoic acid, methyl ester	*	200.000	J		
P2775-06	A4DK2	Solid	unknown-01	*	120.000	J		
P2775-06	A4DK2	Solid	Total Alkanes	*	600.000		26	170 ug/Kg
Total Tics :					3,692.00			
P2775-06	A4DK2	Solid	2,4,5-Trichlorophenol		4,900.000	E	33	170 ug/Kg
P2775-06	A4DK2	Solid	2,4,6-Trichlorophenol		2,400.000		24	170 ug/Kg
P2775-06	A4DK2	Solid	2,4-Dichlorophenol		1,900.000		38	170 ug/Kg
P2775-06	A4DK2	Solid	2,4-Dinitrotoluene		4,500.000	E	35	170 ug/Kg
P2775-06	A4DK2	Solid	2,6-Dinitrotoluene		8,100.000	E	20	170 ug/Kg
P2775-06	A4DK2	Solid	2-Chloronaphthalene		2,300.000		33	170 ug/Kg
P2775-06	A4DK2	Solid	2-Chlorophenol		2,600.000		28	170 ug/Kg
P2775-06	A4DK2	Solid	2-Nitrophenol		2,200.000		60	170 ug/Kg
P2775-06	A4DK2	Solid	4-Chloro-3-methylphenol		3,200.000	E	41	170 ug/Kg
P2775-06	A4DK2	Solid	4-Chlorophenyl-phenylether		4,300.000	E	20	170 ug/Kg
P2775-06	A4DK2	Solid	4-Nitrophenol		4,700.000		44	330 ug/Kg
P2775-06	A4DK2	Solid	Acenaphthene		3,600.000	E	26	170 ug/Kg
P2775-06	A4DK2	Solid	Acenaphthylene		4,600.000	E	29	170 ug/Kg
P2775-06	A4DK2	Solid	Anthracene		2,200.000		25	170 ug/Kg
P2775-06	A4DK2	Solid	Benzo(a)anthracene		3,400.000	E	23	170 ug/Kg
P2775-06	A4DK2	Solid	Benzo(k)fluoranthene		4,500.000	E	38	170 ug/Kg
P2775-06	A4DK2	Solid	Bis(2-Chloroethoxy)methane		2,200.000		45	170 ug/Kg
P2775-06	A4DK2	Solid	Bis(2-Chloroethyl)ether		1,300.000		29	330 ug/Kg
P2775-06	A4DK2	Solid	Bis(2-ethylhexyl)phthalate		6,600.000	E	25	170 ug/Kg
P2775-06	A4DK2	Solid	Chrysene		4,400.000	E	24	170 ug/Kg
P2775-06	A4DK2	Solid	Di-n-butylphthalate		4,400.000	E	27	170 ug/Kg
P2775-06	A4DK2	Solid	Dibenzo(a,h)anthracene		5,200.000	E	26	170 ug/Kg
P2775-06	A4DK2	Solid	Diethylphthalate		5,100.000	E	33	170 ug/Kg
P2775-06	A4DK2	Solid	Fluoranthene		4,800.000	E	19	170 ug/Kg
P2775-06	A4DK2	Solid	Fluorene		1,400.000		27	170 ug/Kg
P2775-06	A4DK2	Solid	Hexachlorobenzene		6,700.000	E	28	170 ug/Kg
P2775-06	A4DK2	Solid	Hexachloroethane		3,700.000	E	61	170 ug/Kg
P2775-06	A4DK2	Solid	N-Nitroso-di-n-propylamine		4,000.000	E	78	170 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2775-06	A4DK2	Solid	Naphthalene	4,500.000	E	24	170	ug/Kg
P2775-06	A4DK2	Solid	Nitrobenzene	1,500.000		64	170	ug/Kg
P2775-06	A4DK2	Solid	Pentachlorophenol	6,000.000	E	87	330	ug/Kg
P2775-06	A4DK2	Solid	Phenanthrene	1,700.000		27	170	ug/Kg
P2775-06	A4DK2	Solid	Phenol	4,000.000		30	330	ug/Kg
P2775-06	A4DK2	Solid	Pyrene	2,500.000		18	170	ug/Kg
Total Svoc :				129,400.00				
Total Concentration:				133,092.00				
Client ID : A4DK2DL								
P2775-06DL	A4DK2DL	Solid	Benzene, 1,3-dichloro-	*	3,800.000	JD		
P2775-06DL	A4DK2DL	Solid	Benzene, 1,4-dichloro-	*	1,300.000	JD		
P2775-06DL	A4DK2DL	Solid	Total Alkanes	*	0.000	D 130	840	ug/Kg
Total Tics :				5,100.00				
P2775-06DL	A4DK2DL	Solid	2,4,5-Trichlorophenol		5,000.000	D 160	840	ug/Kg
P2775-06DL	A4DK2DL	Solid	2,4,6-Trichlorophenol		2,400.000	D 120	840	ug/Kg
P2775-06DL	A4DK2DL	Solid	2,4-Dichlorophenol		2,000.000	D 190	840	ug/Kg
P2775-06DL	A4DK2DL	Solid	2,4-Dinitrotoluene		4,500.000	D 170	840	ug/Kg
P2775-06DL	A4DK2DL	Solid	2,6-Dinitrotoluene		8,000.000	D 99	840	ug/Kg
P2775-06DL	A4DK2DL	Solid	2-Chloronaphthalene		2,200.000	D 160	840	ug/Kg
P2775-06DL	A4DK2DL	Solid	2-Chlorophenol		2,700.000	D 140	840	ug/Kg
P2775-06DL	A4DK2DL	Solid	2-Nitrophenol		1,900.000	D 300	840	ug/Kg
P2775-06DL	A4DK2DL	Solid	4-Chloro-3-methylphenol		3,500.000	D 200	840	ug/Kg
P2775-06DL	A4DK2DL	Solid	4-Chlorophenyl-phenylether		4,900.000	D 99	840	ug/Kg
P2775-06DL	A4DK2DL	Solid	4-Nitrophenol		4,500.000	D 220	1600	ug/Kg
P2775-06DL	A4DK2DL	Solid	Acenaphthene		3,900.000	D 130	840	ug/Kg
P2775-06DL	A4DK2DL	Solid	Acenaphthylene		5,200.000	D 140	840	ug/Kg
P2775-06DL	A4DK2DL	Solid	Anthracene		2,300.000	D 120	840	ug/Kg
P2775-06DL	A4DK2DL	Solid	Benzo(a)anthracene		3,600.000	D 110	840	ug/Kg
P2775-06DL	A4DK2DL	Solid	Benzo(k)fluoranthene		4,900.000	D 190	840	ug/Kg
P2775-06DL	A4DK2DL	Solid	Bis(2-Chloroethoxy)methane		2,200.000	D 220	840	ug/Kg
P2775-06DL	A4DK2DL	Solid	Bis(2-Chloroethyl)ether		1,300.000	JD 140	1600	ug/Kg
P2775-06DL	A4DK2DL	Solid	Bis(2-ethylhexyl)phthalate		7,800.000	D 120	840	ug/Kg
P2775-06DL	A4DK2DL	Solid	Chrysene		4,900.000	D 120	840	ug/Kg
P2775-06DL	A4DK2DL	Solid	Di-n-butylphthalate		5,800.000	D 130	840	ug/Kg
P2775-06DL	A4DK2DL	Solid	Dibenzo(a,h)anthracene		5,200.000	D 130	840	ug/Kg
P2775-06DL	A4DK2DL	Solid	Diethylphthalate		6,200.000	D 160	840	ug/Kg
P2775-06DL	A4DK2DL	Solid	Fluoranthene		5,800.000	D 94	840	ug/Kg
P2775-06DL	A4DK2DL	Solid	Fluorene		1,600.000	D 130	840	ug/Kg
P2775-06DL	A4DK2DL	Solid	Hexachlorobenzene		7,300.000	D 140	840	ug/Kg
P2775-06DL	A4DK2DL	Solid	Hexachloroethane		3,800.000	D 300	840	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2775-06DL	A4DK2DL	Solid	N-Nitroso-di-n-propylamine	4,300.000	D	390	840	ug/Kg
P2775-06DL	A4DK2DL	Solid	Naphthalene	4,800.000	D	120	840	ug/Kg
P2775-06DL	A4DK2DL	Solid	Nitrobenzene	1,400.000	D	320	840	ug/Kg
P2775-06DL	A4DK2DL	Solid	Pentachlorophenol	6,000.000	D	440	1600	ug/Kg
P2775-06DL	A4DK2DL	Solid	Phenanthrene	1,800.000	D	130	840	ug/Kg
P2775-06DL	A4DK2DL	Solid	Phenol	4,100.000	D	150	1600	ug/Kg
P2775-06DL	A4DK2DL	Solid	Pyrene	2,600.000	D	89	840	ug/Kg
Total Svoc :				138,400.00				
Total Concentration:				143,500.00				

Client ID : A4CY6

P2776-01	A4CY6	Solid	(S)-(+)-1,2-Propanediol	*	110.000	J		
P2776-01	A4CY6	Solid	1-Phenoxypropan-2-ol	*	160.000	J		
P2776-01	A4CY6	Solid	Heptadecyl heptafluorobutyrate	*	440.000	J		
P2776-01	A4CY6	Solid	n-Hexadecanoic acid	*	280.000	J		
P2776-01	A4CY6	Solid	Nonadecane, 1-chloro-	*	350.000	J		
P2776-01	A4CY6	Solid	Tridecane, 1-iodo-	*	270.000	J		
P2776-01	A4CY6	Solid	unknown-01	*	130.000	J		
P2776-01	A4CY6	Solid	Total Alkanes	*	0.000	33	220	ug/Kg
Total Tics :				1,740.00				
P2776-01	A4CY6	Solid	Benzo(a)anthracene		89.000	J 29	220	ug/Kg
P2776-01	A4CY6	Solid	Benzo(a)pyrene		130.000	J 39	220	ug/Kg
P2776-01	A4CY6	Solid	Benzo(b)fluoranthene		140.000	J 47	220	ug/Kg
P2776-01	A4CY6	Solid	Benzo(k)fluoranthene		52.000	J 48	220	ug/Kg
P2776-01	A4CY6	Solid	Bis(2-ethylhexyl)phthalate		57.000	J 32	220	ug/Kg
P2776-01	A4CY6	Solid	Chrysene		120.000	J 30	220	ug/Kg
P2776-01	A4CY6	Solid	Fluoranthene		230.000	24	220	ug/Kg
P2776-01	A4CY6	Solid	Indeno(1,2,3-cd)pyrene		59.000	J 35	220	ug/Kg
P2776-01	A4CY6	Solid	Phenanthrene		120.000	J 34	220	ug/Kg
P2776-01	A4CY6	Solid	Pyrene		230.000	23	220	ug/Kg
Total Svoc :				1,227.00				
Total Concentration:				2,967.00				

Client ID : A4DK3

P2776-17	A4DK3	Solid	(DEL) Alkane: Straight-Chain24.(	*	93.000	J		
P2776-17	A4DK3	Solid	1-Phenoxypropan-2-ol	*	93.000	J		
P2776-17	A4DK3	Solid	7-Heptadecene, 1-chloro-	*	220.000	J		
P2776-17	A4DK3	Solid	9,10-Anthracenedione	*	370.000	J		
P2776-17	A4DK3	Solid	9-Phenanthrenol	*	130.000	J		
P2776-17	A4DK3	Solid	Anthrone	*	90.000	J		
P2776-17	A4DK3	Solid	Benzene, 1,2-dichloro-	*	4,700.000	J		

Hit Summary Sheet SW-846

SDG No.: BG062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2776-17	A4DK3	Solid	Decane, 1-iodo-	*	110.000	J		
P2776-17	A4DK3	Solid	Hexadecanoic acid, methyl ester	*	110.000	J		
P2776-17	A4DK3	Solid	n-Hexadecanoic acid	*	300.000	J		
P2776-17	A4DK3	Solid	Undecanoic acid, methyl ester	*	90.000	J		
P2776-17	A4DK3	Solid	unknown-01	*	84.000	J		
P2776-17	A4DK3	Solid	Total Alkanes	*	93.000	26	170	ug/Kg
Total Tics :				6,483.00				
P2776-17	A4DK3	Solid	2,4,5-Trichlorophenol	4,100.000	E	33	170	ug/Kg
P2776-17	A4DK3	Solid	2,4,6-Trichlorophenol	3,800.000	E	24	170	ug/Kg
P2776-17	A4DK3	Solid	2,4-Dichlorophenol	3,600.000	E	38	170	ug/Kg
P2776-17	A4DK3	Solid	2,6-Dinitrotoluene	4,100.000	E	20	170	ug/Kg
P2776-17	A4DK3	Solid	2-Chlorophenol	900.000		28	170	ug/Kg
P2776-17	A4DK3	Solid	2-Nitrophenol	3,100.000	E	60	170	ug/Kg
P2776-17	A4DK3	Solid	4-Chloro-3-methylphenol	4,200.000	E	41	170	ug/Kg
P2776-17	A4DK3	Solid	4-Chlorophenyl-phenylether	4,400.000	E	20	170	ug/Kg
P2776-17	A4DK3	Solid	4-Nitrophenol	5,700.000	E	44	330	ug/Kg
P2776-17	A4DK3	Solid	Acenaphthene	3,300.000	E	26	170	ug/Kg
P2776-17	A4DK3	Solid	Acenaphthylene	4,100.000	E	29	170	ug/Kg
P2776-17	A4DK3	Solid	Anthracene	3,900.000	E	25	170	ug/Kg
P2776-17	A4DK3	Solid	Benzo(a)anthracene	2,500.000		23	170	ug/Kg
P2776-17	A4DK3	Solid	Benzo(a)pyrene	1,100.000		31	170	ug/Kg
P2776-17	A4DK3	Solid	Benzo(g,h,i)perylene	3,400.000	E	32	170	ug/Kg
P2776-17	A4DK3	Solid	Benzo(k)fluoranthene	2,100.000		38	170	ug/Kg
P2776-17	A4DK3	Solid	Bis(2-Chloroethoxy)methane	3,700.000	E	45	170	ug/Kg
P2776-17	A4DK3	Solid	Bis(2-Chloroethyl)ether	4,400.000		29	330	ug/Kg
P2776-17	A4DK3	Solid	Bis(2-ethylhexyl)phthalate	4,700.000	E	25	170	ug/Kg
P2776-17	A4DK3	Solid	Butylbenzylphthalate	5,700.000	E	22	170	ug/Kg
P2776-17	A4DK3	Solid	Chrysene	4,600.000	E	24	170	ug/Kg
P2776-17	A4DK3	Solid	Di-n-butylphthalate	2,000.000		27	170	ug/Kg
P2776-17	A4DK3	Solid	Dibenzo(a,h)anthracene	890.000		26	170	ug/Kg
P2776-17	A4DK3	Solid	Dibenzofuran	2,700.000	E	27	170	ug/Kg
P2776-17	A4DK3	Solid	Diethylphthalate	4,300.000	E	33	170	ug/Kg
P2776-17	A4DK3	Solid	Fluoranthene	3,700.000	E	19	170	ug/Kg
P2776-17	A4DK3	Solid	Fluorene	2,400.000		27	170	ug/Kg
P2776-17	A4DK3	Solid	Indeno(1,2,3-cd)pyrene	3,000.000	E	28	170	ug/Kg
P2776-17	A4DK3	Solid	N-Nitroso-di-n-propylamine	2,400.000		79	170	ug/Kg
P2776-17	A4DK3	Solid	Naphthalene	4,500.000	E	24	170	ug/Kg
P2776-17	A4DK3	Solid	Nitrobenzene	1,100.000		64	170	ug/Kg
P2776-17	A4DK3	Solid	Pentachlorophenol	4,400.000		88	330	ug/Kg
P2776-17	A4DK3	Solid	Phenol	2,200.000		30	330	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2776-17	A4DK3	Solid	Pyrene	4,200.000	E	18	170	ug/Kg
Total Svoc :				115,190.00				
Total Concentration:				121,673.00				
Client ID : A4DK3DL								
P2776-17DL	A4DK3DL	Solid	9,10-Anthracenedione	*	350.000	JD		
P2776-17DL	A4DK3DL	Solid	Benzene, 1,3-dichloro-	*	3,600.000	JD		
P2776-17DL	A4DK3DL	Solid	Total Alkanes	*	0.000	D 130	850	ug/Kg
Total Tics :				3,950.00				
P2776-17DL	A4DK3DL	Solid	2,4,5-Trichlorophenol		3,800.000	D 170	850	ug/Kg
P2776-17DL	A4DK3DL	Solid	2,4,6-Trichlorophenol		3,600.000	D 120	850	ug/Kg
P2776-17DL	A4DK3DL	Solid	2,4-Dichlorophenol		3,300.000	D 190	850	ug/Kg
P2776-17DL	A4DK3DL	Solid	2,6-Dinitrotoluene		3,500.000	D 100	850	ug/Kg
P2776-17DL	A4DK3DL	Solid	2-Chlorophenol		800.000	JD 140	850	ug/Kg
P2776-17DL	A4DK3DL	Solid	2-Nitrophenol		2,800.000	D 300	850	ug/Kg
P2776-17DL	A4DK3DL	Solid	4-Chloro-3-methylphenol		4,100.000	D 210	850	ug/Kg
P2776-17DL	A4DK3DL	Solid	4-Chlorophenyl-phenylether		4,600.000	D 100	850	ug/Kg
P2776-17DL	A4DK3DL	Solid	4-Nitrophenol		4,300.000	D 220	1700	ug/Kg
P2776-17DL	A4DK3DL	Solid	Acenaphthene		3,200.000	D 130	850	ug/Kg
P2776-17DL	A4DK3DL	Solid	Acenaphthylene		4,000.000	D 150	850	ug/Kg
P2776-17DL	A4DK3DL	Solid	Anthracene		4,000.000	D 130	850	ug/Kg
P2776-17DL	A4DK3DL	Solid	Benzo(a)anthracene		2,300.000	D 120	850	ug/Kg
P2776-17DL	A4DK3DL	Solid	Benzo(a)pyrene		990.000	D 160	850	ug/Kg
P2776-17DL	A4DK3DL	Solid	Benzo(g,h,i)perylene		3,100.000	D 160	850	ug/Kg
P2776-17DL	A4DK3DL	Solid	Benzo(k)fluoranthene		2,000.000	D 190	850	ug/Kg
P2776-17DL	A4DK3DL	Solid	Bis(2-Chloroethoxy)methane		3,600.000	D 230	850	ug/Kg
P2776-17DL	A4DK3DL	Solid	Bis(2-Chloroethyl)ether		4,300.000	D 150	1700	ug/Kg
P2776-17DL	A4DK3DL	Solid	Bis(2-ethylhexyl)phthalate		4,500.000	D 130	850	ug/Kg
P2776-17DL	A4DK3DL	Solid	Butylbenzylphthalate		5,500.000	D 110	850	ug/Kg
P2776-17DL	A4DK3DL	Solid	Chrysene		4,600.000	D 120	850	ug/Kg
P2776-17DL	A4DK3DL	Solid	Di-n-butylphthalate		1,900.000	D 140	850	ug/Kg
P2776-17DL	A4DK3DL	Solid	Dibenzo(a,h)anthracene		780.000	JD 130	850	ug/Kg
P2776-17DL	A4DK3DL	Solid	Dibenzofuran		2,600.000	D 140	850	ug/Kg
P2776-17DL	A4DK3DL	Solid	Diethylphthalate		4,200.000	D 170	850	ug/Kg
P2776-17DL	A4DK3DL	Solid	Fluoranthene		3,700.000	D 95	850	ug/Kg
P2776-17DL	A4DK3DL	Solid	Fluorene		2,400.000	D 140	850	ug/Kg
P2776-17DL	A4DK3DL	Solid	Indeno(1,2,3-cd)pyrene		2,700.000	D 140	850	ug/Kg
P2776-17DL	A4DK3DL	Solid	N-Nitroso-di-n-propylamine		2,500.000	D 400	850	ug/Kg
P2776-17DL	A4DK3DL	Solid	Naphthalene		4,300.000	D 120	850	ug/Kg
P2776-17DL	A4DK3DL	Solid	Nitrobenzene		930.000	D 320	850	ug/Kg
P2776-17DL	A4DK3DL	Solid	Pentachlorophenol		3,800.000	D 440	1700	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2776-17DL	A4DK3DL	Solid	Phenol	2,000.000	D	150	1700	ug/Kg
P2776-17DL	A4DK3DL	Solid	Pyrene	4,300.000	D	90	850	ug/Kg
Total Svoc :				109,000.00				
Total Concentration:				112,950.00				
Client ID : C0SE9								
P2856-05	C0SE9	Solid	1-Phenoxypropan-2-ol	*	99.000	J		
P2856-05	C0SE9	Solid	Benzene, 1-ethenyl-4-methyl-	*	90.000	J		
P2856-05	C0SE9	Solid	Heptafluorobutyric acid, n-octadec	*	190.000	J		
P2856-05	C0SE9	Solid	Indene	*	230.000	J		
P2856-05	C0SE9	Solid	n-Hexadecanoic acid	*	240.000	J		
P2856-05	C0SE9	Solid	Octadecanoic acid	*	95.000	J		
P2856-05	C0SE9	Solid	R-(-)-1,2-propanediol	*	88.000	J		
P2856-05	C0SE9	Solid	Total Alkanes	*	0.000	33	220	ug/Kg
Total Tics :				1,032.00				
P2856-05	C0SE9	Solid	1-Methylnaphthalene		100.000	J 31	220	ug/Kg
P2856-05	C0SE9	Solid	2-Methylnaphthalene		180.000	J 41	220	ug/Kg
P2856-05	C0SE9	Solid	Acenaphthylene		55.000	J 37	220	ug/Kg
P2856-05	C0SE9	Solid	Naphthalene		800.000	31	220	ug/Kg
P2856-05	C0SE9	Solid	Phenanthrene		72.000	J 34	220	ug/Kg
Total Svoc :				1,207.00				
Total Concentration:				2,239.00				
Client ID : C0SH4								
P2856-12	C0SH4	Solid	1-Phenoxypropan-2-ol	*	99.000	J		
P2856-12	C0SH4	Solid	n-Hexadecanoic acid	*	180.000	J		
P2856-12	C0SH4	Solid	Tetracosanal	*	200.000	J		
P2856-12	C0SH4	Solid	Total Alkanes	*	0.000	33	220	ug/Kg
Total Tics :				479.00				
Total Concentration:				479.00				
Client ID : C0SH5								
P2856-13	C0SH5	Solid	(DEL) Alkane: Straight-Chain21.3	*	290.000	J		
P2856-13	C0SH5	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P2856-13	C0SH5	Solid	n-Hexadecanoic acid	*	250.000	J		
P2856-13	C0SH5	Solid	Undecanoic acid	*	130.000	J		
P2856-13	C0SH5	Solid	Total Alkanes	*	290.000	40	260	ug/Kg
Total Tics :				1,070.00				
Total Concentration:				1,070.00				
Client ID : C0SJ0								
P2856-16	C0SJ0	Solid	(DEL) Alkane: Straight-Chain21.3	*	300.000	J		
P2856-16	C0SJ0	Solid	(S)-(+)-1,2-Propanediol	*	130.000	J		

Hit Summary Sheet SW-846

SDG No.: BG062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2856-16	C0SJ0	Solid	1-Phenoxypropan-2-ol	*	160.000	J		
P2856-16	C0SJ0	Solid	1H-2-Benzopyran-1-carboxylic ac	*	140.000	J		
P2856-16	C0SJ0	Solid	1H-Inden-1-ol, 2,3-dihydro-	*	110.000	J		
P2856-16	C0SJ0	Solid	1H-Inden-1-one, 2,3-dihydro-	*	1,200.000	J		
P2856-16	C0SJ0	Solid	Benzene, 1,2,3-trimethyl-	*	180.000	J		
P2856-16	C0SJ0	Solid	Benzene, 1-ethyl-2-methyl-	*	160.000	J		
P2856-16	C0SJ0	Solid	Benzene, 1-propenyl-	*	110.000	J		
P2856-16	C0SJ0	Solid	Benzenethanol, .beta.-ethenyl-	*	150.000	J		
P2856-16	C0SJ0	Solid	Benzenemethanol, .alpha.,.alpha.,	*	270.000	J		
P2856-16	C0SJ0	Solid	Benzenemethanol, .alpha.,.alpha.-	*	930.000	J		
P2856-16	C0SJ0	Solid	Benzenemethanol, .alpha.,4-dimet	*	370.000	J		
P2856-16	C0SJ0	Solid	Benzenemethanol, 3,5-dimethyl-	*	310.000	J		
P2856-16	C0SJ0	Solid	Butanedioic acid, methyl-, dimeth	*	130.000	J		
P2856-16	C0SJ0	Solid	Ethanone, 1-(3-methylphenyl)-	*	340.000	J		
P2856-16	C0SJ0	Solid	Ethanone, 1-(4-methylphenyl)-	*	700.000	J		
P2856-16	C0SJ0	Solid	Indene	*	680.000	J		
P2856-16	C0SJ0	Solid	n-Hexadecanoic acid	*	340.000	J		
P2856-16	C0SJ0	Solid	Naphthalene, 2,3-dimethyl-	*	140.000	J		
P2856-16	C0SJ0	Solid	Naphthalene, 2,7-dimethyl-	*	200.000	J		
P2856-16	C0SJ0	Solid	Octadecanoic acid	*	120.000	J		
P2856-16	C0SJ0	Solid	unknown-01	*	110.000	J		
P2856-16	C0SJ0	Solid	Total Alkanes	*	300.000	J	38	250 ug/Kg
Total Tics :					7,580.00			
P2856-16	C0SJ0	Solid	1,1-Biphenyl		91.000	J	38	250 ug/Kg
P2856-16	C0SJ0	Solid	1-Methylnaphthalene		660.000	J	35	250 ug/Kg
P2856-16	C0SJ0	Solid	2,4-Dimethylphenol		130.000	J	47	250 ug/Kg
P2856-16	C0SJ0	Solid	2-Methylnaphthalene		1,200.000	J	47	250 ug/Kg
P2856-16	C0SJ0	Solid	Acenaphthylene		130.000	J	42	250 ug/Kg
P2856-16	C0SJ0	Solid	Anthracene		60.000	J	36	250 ug/Kg
P2856-16	C0SJ0	Solid	Fluoranthene		60.000	J	28	250 ug/Kg
P2856-16	C0SJ0	Solid	Fluorene		150.000	J	39	250 ug/Kg
P2856-16	C0SJ0	Solid	Naphthalene		6,800.000	J	35	250 ug/Kg
P2856-16	C0SJ0	Solid	Phenanthrene		290.000	J	39	250 ug/Kg
P2856-16	C0SJ0	Solid	Pyrene		81.000	J	26	250 ug/Kg
Total Svoc :					9,652.00			
Total Concentration:					17,232.00			
Client ID : C0SJ2ME								
P2856-17ME	C0SJ2ME	Solid	[1,1-Biphenyl]-4-carboxaldehyde	*	13,000.000	J		
P2856-17ME	C0SJ2ME	Solid	1,4-Diphenyl-1,3-butadiene	*	12,000.000	J		
P2856-17ME	C0SJ2ME	Solid	1-Methyldibenzothiophene	*	15,000.000	J		

Hit Summary Sheet SW-846

SDG No.: BG062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2856-17ME	C0SJ2ME	Solid	1H-Cyclopropa[1]phenanthrene, 1a *	26,000.000	J			
P2856-17ME	C0SJ2ME	Solid	1H-Indene, 1-methyl-	38,000.000	J			
P2856-17ME	C0SJ2ME	Solid	1H-Phenylene	28,000.000	J			
P2856-17ME	C0SJ2ME	Solid	4-Methylnaphtho[1,2-b]thiophene *	16,000.000	J			
P2856-17ME	C0SJ2ME	Solid	4H-Cyclopenta[def]phenanthrene *	89,000.000	J			
P2856-17ME	C0SJ2ME	Solid	9,10-Dimethylanthracene *	39,000.000	J			
P2856-17ME	C0SJ2ME	Solid	9H-Fluorene, 1-methyl-	30,000.000	J			
P2856-17ME	C0SJ2ME	Solid	9H-Fluorene, 2-methyl-	13,000.000	J			
P2856-17ME	C0SJ2ME	Solid	Anthracene, 2-methyl-	59,000.000	J			
P2856-17ME	C0SJ2ME	Solid	Benzene, 1-butynyl-	22,000.000	J			
P2856-17ME	C0SJ2ME	Solid	Benzene, 5-heptene-1,3-diyn-1-yl *	33,000.000	J			
P2856-17ME	C0SJ2ME	Solid	Benzo[e]pyrene *	13,000.000	J			
P2856-17ME	C0SJ2ME	Solid	Dibenzothiophene *	33,000.000	J			
P2856-17ME	C0SJ2ME	Solid	Indene *	24,000.000	J			
P2856-17ME	C0SJ2ME	Solid	Indeno[2,1-a]indene, 5,10-dihydro *	16,000.000	J			
P2856-17ME	C0SJ2ME	Solid	Naphthalene, 1,3-dimethyl-	31,000.000	J			
P2856-17ME	C0SJ2ME	Solid	Naphthalene, 1,4,6-trimethyl-	13,000.000	J			
P2856-17ME	C0SJ2ME	Solid	Naphthalene, 1,6-dimethyl-	66,000.000	J			
P2856-17ME	C0SJ2ME	Solid	Naphthalene, 2,3-dimethyl-	74,000.000	J			
P2856-17ME	C0SJ2ME	Solid	Naphthalene, 2-ethyl-	19,000.000	J			
P2856-17ME	C0SJ2ME	Solid	Naphthalene, 2-phenyl-	25,000.000	J			
P2856-17ME	C0SJ2ME	Solid	Phenanthrene, 2-methyl-	62,000.000	J			
P2856-17ME	C0SJ2ME	Solid	Phenanthrene, 4-methyl-	33,000.000	J			
P2856-17ME	C0SJ2ME	Solid	unknown-01 *	47,000.000	J			
P2856-17ME	C0SJ2ME	Solid	unknown-02 *	32,000.000	J			
P2856-17ME	C0SJ2ME	Solid	unknown-03 *	13,000.000	J			
P2856-17ME	C0SJ2ME	Solid	unknown-04 *	12,000.000	J			
P2856-17ME	C0SJ2ME	Solid	Total Alkanes *	0.000		940	5200	ug/Kg
Total Tics :				946,000.00				
P2856-17ME	C0SJ2ME	Solid	1,1-Biphenyl	30,000.000		940	5200	ug/Kg
P2856-17ME	C0SJ2ME	Solid	1-Methylnaphthalene	130,000.000	E	640	5200	ug/Kg
P2856-17ME	C0SJ2ME	Solid	2-Methylnaphthalene	220,000.000	E	790	5200	ug/Kg
P2856-17ME	C0SJ2ME	Solid	Acenaphthene	12,000.000		810	5200	ug/Kg
P2856-17ME	C0SJ2ME	Solid	Acenaphthylene	92,000.000	E	900	5200	ug/Kg
P2856-17ME	C0SJ2ME	Solid	Anthracene	69,000.000		590	5200	ug/Kg
P2856-17ME	C0SJ2ME	Solid	Benzo(a)anthracene	54,000.000		800	5200	ug/Kg
P2856-17ME	C0SJ2ME	Solid	Benzo(a)pyrene	26,000.000		1000	5200	ug/Kg
P2856-17ME	C0SJ2ME	Solid	Benzo(b)fluoranthene	33,000.000		1000	5200	ug/Kg
P2856-17ME	C0SJ2ME	Solid	Benzo(g,h,i)perylene	1,900.000	J	930	5200	ug/Kg
P2856-17ME	C0SJ2ME	Solid	Benzo(k)fluoranthene	10,000.000		870	5200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2856-17ME	C0SJ2ME	Solid	Chrysene	47,000.000		670	5200	ug/Kg
P2856-17ME	C0SJ2ME	Solid	Dibenzo(a,h)anthracene	4,800.000	J	800	5200	ug/Kg
P2856-17ME	C0SJ2ME	Solid	Dibenzofuran	7,700.000		810	5200	ug/Kg
P2856-17ME	C0SJ2ME	Solid	Fluoranthene	98,000.000	E	620	5200	ug/Kg
P2856-17ME	C0SJ2ME	Solid	Fluorene	77,000.000		1800	5200	ug/Kg
P2856-17ME	C0SJ2ME	Solid	Indeno(1,2,3-cd)pyrene	9,600.000		960	5200	ug/Kg
P2856-17ME	C0SJ2ME	Solid	Naphthalene	250,000.000	E	580	5200	ug/Kg
P2856-17ME	C0SJ2ME	Solid	Phenanthrene	200,000.000	E	710	5200	ug/Kg
P2856-17ME	C0SJ2ME	Solid	Pyrene	110,000.000	E	640	5200	ug/Kg
Total Svoc :				1,482,000.00				
Total Concentration:				2,428,000.00				
Client ID : C0SJ3								
P2856-18	C0SJ3	Solid	(DEL) Alkane: Straight-Chain21.3 *	390.000	J			
P2856-18	C0SJ3	Solid	1-Phenoxypropan-2-ol *	160.000	J			
P2856-18	C0SJ3	Solid	Glycerin *	140.000	J			
P2856-18	C0SJ3	Solid	n-Hexadecanoic acid *	390.000	J			
P2856-18	C0SJ3	Solid	Octadecanoic acid *	160.000	J			
P2856-18	C0SJ3	Solid	R-(-)-1,2-propanediol *	180.000	J			
P2856-18	C0SJ3	Solid	Total Alkanes *	390.000		40	260	ug/Kg
Total Tics :				1,810.00				
Total Concentration:				1,810.00				
Client ID : C0SJ5								
P2856-19	C0SJ5	Solid	1-Docosanethiol *	250.000	J			
P2856-19	C0SJ5	Solid	1-Isopropenyl naphthalene *	81.000	J			
P2856-19	C0SJ5	Solid	1-Phenoxypropan-2-ol *	150.000	J			
P2856-19	C0SJ5	Solid	4H-Cyclopenta[def]phenanthrene *	190.000	J			
P2856-19	C0SJ5	Solid	Anthracene, 2-methyl- *	150.000	J			
P2856-19	C0SJ5	Solid	Benzene, 1,1-(1,3-butadiyne-1,4-d *	92.000	J			
P2856-19	C0SJ5	Solid	Dibenzothiophene *	84.000	J			
P2856-19	C0SJ5	Solid	n-Hexadecanoic acid *	380.000	J			
P2856-19	C0SJ5	Solid	Naphthalene, 2,3-dimethyl- *	150.000	J			
P2856-19	C0SJ5	Solid	Pentanedioic acid, dimethyl ester *	91.000	J			
P2856-19	C0SJ5	Solid	unknown-01 *	160.000	J			
P2856-19	C0SJ5	Solid	unknown-02 *	100.000	J			
P2856-19	C0SJ5	Solid	Total Alkanes *	0.000		30	200	ug/Kg
Total Tics :				1,878.00				
P2856-19	C0SJ5	Solid	1,1-Biphenyl	69.000	J	30	200	ug/Kg
P2856-19	C0SJ5	Solid	1-Methylnaphthalene	310.000		28	200	ug/Kg
P2856-19	C0SJ5	Solid	2-Methylnaphthalene	570.000		37	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2856-19	C0SJ5	Solid	Acenaphthylene	230.000		34	200	ug/Kg
P2856-19	C0SJ5	Solid	Anthracene	150.000	J	29	200	ug/Kg
P2856-19	C0SJ5	Solid	Benzo(a)anthracene	110.000	J	27	200	ug/Kg
P2856-19	C0SJ5	Solid	Benzo(a)pyrene	85.000	J	36	200	ug/Kg
P2856-19	C0SJ5	Solid	Benzo(b)fluoranthene	69.000	J	43	200	ug/Kg
P2856-19	C0SJ5	Solid	Chrysene	87.000	J	28	200	ug/Kg
P2856-19	C0SJ5	Solid	Fluoranthene	210.000		22	200	ug/Kg
P2856-19	C0SJ5	Solid	Fluorene	180.000	J	31	200	ug/Kg
P2856-19	C0SJ5	Solid	Naphthalene	720.000		28	200	ug/Kg
P2856-19	C0SJ5	Solid	Phenanthrene	580.000		31	200	ug/Kg
P2856-19	C0SJ5	Solid	Pyrene	310.000		21	200	ug/Kg
Total Svoc :				3,680.00				
Total Concentration:				5,558.00				

Client ID : C0SJ6

P2856-20	C0SJ6	Solid	(DEL) Alkane: Straight-Chain21.3 *	280.000	J			
P2856-20	C0SJ6	Solid	1-Phenoxypropan-2-ol *	130.000	J			
P2856-20	C0SJ6	Solid	1-Propanol, 2-(1-methylethoxy)- *	91.000	J			
P2856-20	C0SJ6	Solid	13-Docosenamide, (Z)- *	270.000	J			
P2856-20	C0SJ6	Solid	n-Hexadecanoic acid *	210.000	J			
P2856-20	C0SJ6	Solid	Octadecanoic acid *	84.000	J			
P2856-20	C0SJ6	Solid	Pentanedioic acid, dimethyl ester *	86.000	J			
P2856-20	C0SJ6	Solid	Total Alkanes *	280.000		29	190	ug/Kg
Total Tics :				1,431.00				
Total Concentration:				1,431.00				

Client ID : C0SJ7

P2856-21	C0SJ7	Solid	(DEL) Alkane: Straight-Chain21.3 *	260.000	J			
P2856-21	C0SJ7	Solid	1-Phenoxypropan-2-ol *	130.000	J			
P2856-21	C0SJ7	Solid	9-Octadecenamide, (Z)- *	410.000	J			
P2856-21	C0SJ7	Solid	n-Hexadecanoic acid *	670.000	J			
P2856-21	C0SJ7	Solid	Octadecanoic acid *	340.000	J			
P2856-21	C0SJ7	Solid	Pentanedioic acid, dimethyl ester *	74.000	J			
P2856-21	C0SJ7	Solid	Total Alkanes *	260.000		29	190	ug/Kg
Total Tics :				2,144.00				
Total Concentration:				2,144.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG062024 SAS No.: BG062024 SDG No.: BG062024
Instrument ID: _____ Calibration Date(s): 6/20/2024 : _____
Calibration Time(s): 13:45 : _____

LAB FILE ID:		RRFAL1 = BG061604.D		RRFAL2 = BG061605.D		RRFAL3 = BG061606.D		
		RRFAL4 = BG061607.D		RRFAL5 = BG061608.D		RRFAL6 = BG061609.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.751	0.805	0.685	0.634	0.565		0.688	13.8
Benzaldehyde		1.172	1.318	1.232	0.961	0.660	1.068	24.7
Pyridine		1.777	1.887	1.791	1.717	1.824	1.799	3.5
Hexachloroethane	0.652	0.587	0.576	0.595	0.588		0.599	5.0
Nitrobenzene	0.366	0.366	0.385	0.416	0.424		0.391	7.0
Isophorone	0.910	0.858	0.889	0.931	0.910		0.900	3.0
2-Nitrophenol	0.109	0.122	0.147	0.164	0.177		0.144	19.7
2,4-Dimethylphenol	0.381	0.405	0.405	0.414	0.406		0.402	3.1
Bis(2-Chloroethoxy)methane	0.533	0.510	0.506	0.501	0.495		0.509	2.9
2,4-Dichlorophenol	0.283	0.296	0.292	0.312	0.309		0.298	4.1
Naphthalene	1.175	1.121	1.095	1.132	1.073		1.119	3.5
4-Chloroaniline		0.504	0.481	0.509	0.497	0.454	0.489	4.6
Hexachlorobutadiene	0.208	0.197	0.212	0.210	0.204		0.206	2.8
Phenol		2.176	2.354	2.314	2.329	2.250	2.285	3.1
Caprolactam		0.113	0.125	0.135	0.130	0.114	0.123	7.8
4-Chloro-3-methylphenol	0.395	0.409	0.416	0.437	0.430		0.417	4.0
1-Methylnaphthalene	0.860	0.849	0.823	0.861	0.821		0.843	2.3
2-Methylnaphthalene	0.774	0.794	0.763	0.820	0.797		0.790	2.8
Hexachlorocyclopentadiene		0.307	0.317	0.335	0.339	0.386	0.337	9.1
2,4,6-Trichlorophenol	0.352	0.345	0.370	0.382	0.377		0.365	4.4
2,4,5-Trichlorophenol	0.370	0.378	0.412	0.416	0.414		0.398	5.6
1,1-Biphenyl	1.484	1.452	1.450	1.464	1.394		1.449	2.3
2-Chloronaphthalene	1.116	1.108	1.111	1.134	1.095		1.113	1.3
2-Nitroaniline	0.307	0.344	0.398	0.429	0.428		0.381	14.1
Bis(2-Chloroethyl)ether		1.741	1.769	1.781	1.664	1.642	1.720	3.7
Dimethylphthalate	1.582	1.600	1.521	1.496	1.443		1.528	4.2
2,6-Dinitrotoluene	0.211	0.230	0.251	0.283	0.293		0.254	13.7
Acenaphthylene	1.909	1.968	1.874	1.874	1.789		1.883	3.5
3-Nitroaniline		0.232	0.261	0.290	0.267	0.249	0.260	8.4
Acenaphthene	1.347	1.384	1.287	1.297	1.205		1.304	5.2
2,4-Dinitrophenol		0.105	0.109	0.128	0.141	0.162	0.129	18.2
4-Nitrophenol		0.262	0.268	0.292	0.273	0.269	0.273	4.2
Dibenzofuran	1.876	1.890	1.817	1.832	1.707		1.825	3.9
2,4-Dinitrotoluene	0.317	0.351	0.368	0.423	0.423		0.376	12.3
Diethylphthalate	1.586	1.645	1.576	1.582	1.481		1.574	3.8
2-Chlorophenol	1.297	1.547	1.561	1.556	1.512		1.495	7.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG062024 SAS No.: BG062024 SDG No.: BG062024

Instrument ID: _____ Calibration Date(s): 6/20/2024 : _____

Calibration Time(s): 13:45 _____

LAB FILE ID:		RRFAL1 = BG061604.D		RRFAL2 = BG061605.D		RRFAL3 = BG061606.D		
		RRFAL4 = BG061607.D		RRFAL5 = BG061608.D		RRFAL6 = BG061609.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.607	1.551	1.521	1.495	1.377		1.510	5.6
4-Chlorophenyl-phenylether	0.793	0.779	0.756	0.738	0.682		0.750	5.8
4-Nitroaniline		0.260	0.294	0.302	0.271	0.249	0.275	8.2
4,6-Dinitro-2-methylphenol		0.075	0.081	0.103	0.108	0.117	0.097	18.5
N-Nitrosodiphenylamine	0.495	0.516	0.521	0.543	0.510		0.517	3.4
1,2,4,5-Tetrachlorobenzene	0.601	0.553	0.550	0.564	0.562		0.566	3.6
4-Bromophenyl-phenylether	0.212	0.208	0.194	0.213	0.203		0.206	3.7
Hexachlorobenzene	0.261	0.252	0.244	0.253	0.240		0.250	3.3
Atrazine		0.217	0.207	0.214	0.199	0.196	0.207	4.4
Pentachlorophenol		0.139	0.148	0.160	0.158	0.156	0.152	5.8
2-Methylphenol		1.523	1.611	1.676	1.616	1.567	1.599	3.6
Phenanthrene	1.109	1.089	1.039	1.060	0.964		1.052	5.3
Pentachlorobenzene	0.263	0.260	0.266	0.275	0.274		0.268	2.5
Anthracene	1.129	1.121	1.075	1.068	0.986		1.076	5.3
1,2,3,4-Tetrachlorobenzene	0.203	0.217	0.214	0.242	0.237		0.223	7.4
Carbazole		0.973	0.948	0.946	0.883	0.817	0.914	6.9
Di-n-butylphthalate	1.126	1.114	1.095	1.107	1.021		1.093	3.8
Fluoranthene	1.332	1.316	1.263	1.349	1.221		1.296	4.1
Pyrene	1.399	1.437	1.380	1.404	1.272		1.378	4.6
Butylbenzylphthalate	0.477	0.491	0.486	0.541	0.514		0.502	5.2
3,3-Dichlorobenzidine		0.452	0.447	0.468	0.408	0.340	0.423	12.2
2,2-oxybis (1-Chloropropane)		3.563	3.596	3.599	3.419	3.390	3.513	2.9
Benzo (a) anthracene	1.449	1.421	1.376	1.445	1.328		1.404	3.7
Chrysene	1.385	1.340	1.312	1.355	1.250		1.328	3.9
Bis (2-ethylhexyl) phthalate	0.708	0.718	0.738	0.779	0.744		0.738	3.7
Di-n-octyl phthalate		0.996	1.040	1.106	1.113	1.018	1.055	5.0
Benzo (b) fluoranthene	1.189	1.184	1.218	1.210	1.209		1.202	1.2
Benzo (k) fluoranthene	1.295	1.205	1.227	1.278	1.177		1.236	4.0
Benzo (a) pyrene	1.174	1.126	1.154	1.189	1.146		1.157	2.1
Indeno (1,2,3-cd) pyrene	1.424	1.446	1.400	1.483	1.459		1.442	2.2
Dibenzo (a,h) anthracene	1.187	1.176	1.166	1.244	1.224		1.199	2.8
Benzo (g,h,i) perylene	1.149	1.151	1.143	1.197	1.173		1.163	1.9
Acetophenone		2.837	2.849	2.873	2.709	2.550	2.764	4.9
2,3,4,6-Tetrachlorophenol	0.393	0.385	0.386	0.402	0.386		0.390	1.8
1,4-Dioxane-d8	0.505	0.631	0.579	0.562	0.491		0.554	10.3
Pyridine-d5		1.591	1.693	1.695	1.647	1.743	1.674	3.4

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.: BG062024 SAS No.: BG062024 SDG No.: BG062024
Instrument ID: _____ Calibration Date(s): 6/20/2024 : _____
Calibration Time(s): 13:45 _____

LAB FILE ID:		RRFAL1 = BG061604.D			RRFAL2 = BG061605.D		RRFAL3 = BG061606.D	
		RRFAL4 = BG061607.D			RRFAL5 = BG061608.D		RRFAL6 = BG061609.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		2.082	2.173	2.246	2.212	2.144	2.171	2.9
Bis-(2-Chloroethyl)ether-d8		1.406	1.391	1.371	1.312	1.288	1.353	3.8
2-Chlorophenol-d4	1.414	1.515	1.463	1.548	1.510		1.490	3.5
4-Methylphenol-d8		1.566	1.691	1.743	1.716	1.677	1.678	4.0
Nitrobenzene-d5	0.125	0.127	0.130	0.147	0.150		0.136	8.8
2-Nitrophenol-d4	0.115	0.115	0.138	0.151	0.168		0.138	16.9
2,4-Dichlorophenol-d3	0.309	0.317	0.315	0.345	0.343		0.326	5.1
4-Chloroaniline-d4		0.490	0.485	0.510	0.510	0.470	0.493	3.5
4-Methylphenol		1.703	1.836	1.857	1.800	1.759	1.791	3.4
Dimethylphthalate-d6	1.515	1.558	1.567	1.571	1.485		1.539	2.4
Acenaphthylene-d8	1.613	1.717	1.720	1.726	1.658		1.687	2.9
4-Nitrophenol-d4		0.253	0.259	0.280	0.270	0.259	0.264	4.1
Fluorene-d10	1.338	1.399	1.359	1.366	1.275		1.347	3.4
4,6-Dinitro-2-methylphenol		0.065	0.070	0.088	0.098	0.107	0.086	20.8
Anthracene-d10	0.929	0.938	0.908	0.923	0.867		0.913	3.0
Pyrene-d10	1.124	1.122	1.114	1.171	1.055		1.117	3.7
Benzo(a)pyrene-d12	0.933	0.940	0.952	0.984	0.967		0.955	2.2
N-Nitroso-di-n-propylamine	1.391	1.479	1.546	1.544	1.464		1.485	4.3

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.: BG062424 SAS No.: BG062424 SDG NO.: BG062424

EPA Sample No.: SSTD020441 Date Analyzed: Jun 24 2024 12:00AM

Lab File ID: BG061606.D Time Analyzed: 10:18

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	40384	8.076	209095	10.89	156039	14.70
	UPPER LIMIT	80768	8.576	418190	11.391	312078	15.204
	LOWER LIMIT	20192	7.576	104547.5	10.391	78019.5	14.204
	EPA SAMPLE NO.						
01	SBLK483	53926	8.08	270867	10.89	224136	14.70
02	A4DK2	67039	8.08	340449	10.89	238578	14.70
03	A4DK2DL	56969	8.07	314683	10.89	242791	14.71
04	A4DK3	47443	8.08	233943	10.89	168128	14.70
05	A4DK3DL	54852	8.08	308839	10.89	240303	14.71
06	A4BP7DL2	50376	8.08	251644	10.89	189672	14.70
07	A4BQ3	66422	8.08	348908	10.89	261548	14.70
08	A4BQ3MS	65902	8.08	337259	10.89	236189	14.71
09	A4BQ3MSD	51769	8.08	256227	10.89	195612	14.71
10	SBLK484	49720	8.08	247223	10.89	179548	14.70
11	C0SJ2ME	65801	8.08	349571	10.89	257405	14.70
12	A4CY6	54359	8.07	282234	10.89	209310	14.70
13	A4CY6MS	60019	8.07	309203	10.89	226987	14.71
14	A4CY6MSD	51270	8.07	253398	10.89	199050	14.70
15	C0SH5	62367	8.08	336950	10.89	252341	14.70
16	C0SJ0	56196	8.07	306368	10.89	215005	14.70
17	C0SJ3	55021	8.08	275990	10.89	207109	14.70
18	C0SJ5	47445	8.07	232159	10.89	173407	14.70
19	C0SJ6	62101	8.07	332043	10.89	254426	14.70
20	C0SJ7	54916	8.08	295864	10.89	219824	14.70
21	C0SH4	58927	8.07	316621	10.89	237323	14.70
22	SLCS483	62989	8.07	329448	10.89	234247	14.70
23	C0SE9	72478	8.08	390286	10.88	288150	14.70



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG062424 SAS No.: BG062424 SDG NO.: BG062424

EPA Sample No.: SSTD020441 Date Analyzed: Jun 25 2024 12:00AM

Lab File ID: BG061606.D Time Analyzed: 03:01

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	40384	8.076	209095	10.89	156039	14.70
UPPER LIMIT	80768	8.576	418190	11.391	312078	15.204
LOWER LIMIT	20192	7.576	104547.5	10.391	78019.5	14.204
EPA SAMPLE NO.						
24 SLCS484	56007	8.07	298869	10.89	226196	14.70
25 SBLK483	69533	8.07	354943	10.89	271286	14.70

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.: BG062424 SAS No.: BG062424 SDG NO.: BG062424

EPA Sample No.: SSTD020533 Date Analyzed: Jun 24 2024 12:00AM

Lab File ID: BG061668.D Time Analyzed: 10:18

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	57894	8.076	312558	10.89	240388	14.70
UPPER LIMIT	115788	8.576	625116	11.39	480776	15.204
LOWER LIMIT	28947	7.576	156279	10.39	120194	14.204
EPA SAMPLE NO.						
01 SBLK483	53926	8.08	270867	10.89	224136	14.70
02 A4DK2	67039	8.08	340449	10.89	238578	14.70
03 A4DK2DL	56969	8.07	314683	10.89	242791	14.71
04 A4DK3	47443	8.08	233943	10.89	168128	14.70
05 A4DK3DL	54852	8.08	308839	10.89	240303	14.71
06 A4BP7DL2	50376	8.08	251644	10.89	189672	14.70
07 A4BQ3	66422	8.08	348908	10.89	261548	14.70
08 A4BQ3MS	65902	8.08	337259	10.89	236189	14.71
09 A4BQ3MSD	51769	8.08	256227	10.89	195612	14.71

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.: BG062424 SAS No.: BG062424 SDG NO.: BG062424

EPA Sample No.: SSTD020534 Date Analyzed: Jun 24 2024 12:00AM

Lab File ID: BG061678.D Time Analyzed: 17:34

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	55778	8.073	290829	10.89	216786	14.70
	UPPER LIMIT	111556	8.573	581658	11.387	433572	15.2
	LOWER LIMIT	27889	7.573	145414.5	10.387	108393	14.2
	EPA SAMPLE NO.						
01	SBLK484	49720	8.08	247223	10.89	179548	14.70
02	C0SJ2ME	65801	8.08	349571	10.89	257405	14.70
03	A4CY6	54359	8.07	282234	10.89	209310	14.70
04	A4CY6MS	60019	8.07	309203	10.89	226987	14.71
05	A4CY6MSD	51270	8.07	253398	10.89	199050	14.70
06	C0SH5	62367	8.08	336950	10.89	252341	14.70
07	C0SJ0	56196	8.07	306368	10.89	215005	14.70
08	C0SJ3	55021	8.08	275990	10.89	207109	14.70
09	C0SJ5	47445	8.07	232159	10.89	173407	14.70
10	C0SJ6	62101	8.07	332043	10.89	254426	14.70
11	C0SJ7	54916	8.08	295864	10.89	219824	14.70
12	C0SH4	58927	8.07	316621	10.89	237323	14.70
13	SLCS483	62989	8.07	329448	10.89	234247	14.70
14	C0SE9	72478	8.08	390286	10.88	288150	14.70
15	SLCS484	56007	8.07	298869	10.89	226196	14.70

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.: BG062424 SAS No.: BG062424 SDG NO.: BG062424

EPA Sample No.: SSTD020535 Date Analyzed: Jun 25 2024 12:00AM

Lab File ID: BG061694.D Time Analyzed: 05:02

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	66639	8.071	345085	10.89	261667	14.70
UPPER LIMIT	133278	8.571	690170	11.385	523334	15.199
LOWER LIMIT	33319.5	7.571	172542.5	10.385	130833.5	14.199
EPA SAMPLE NO.						
01 SBLK483	69533	8.07	354943	10.89	271286	14.70

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.: BG062424 SAS No.: BG062424 SDG NO.: BG062424

EPA Sample No.: SSTD020441 Date Analyzed: Jun 24 2024 12:00AM

Lab File ID: BG061606.D Time Analyzed: 10:18

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	398475	17.442	379358	21.713	440710	24.939
	UPPER LIMIT	796950	17.942	758716	22.213	881420	25.439
	LOWER LIMIT	199237.5	16.942	189679	21.213	220355	24.439
	EPA SAMPLE NO.						
01	SBLK483	582803	17.45	512822	21.71	580827	24.94
02	A4DK2	546027	17.45	426920	21.72	540812	24.95
03	A4DK2DL	597943	17.45	482357	21.72	574067	24.95
04	A4DK3	453252	17.45	371581	21.72	460907	24.95
05	A4DK3DL	597950	17.45	496719	21.71	566286	24.95
06	A4BP7DL2	495713	17.45	449631	21.71	540484	24.94
07	A4BQ3	623318	17.44	504813	21.71	609655	24.94
08	A4BQ3MS	550088	17.45	441122	21.72	537710	24.94
09	A4BQ3MSD	462184	17.45	384387	21.72	457046	24.95
10	SBLK484	456447	17.45	403040	21.71	486012	24.94
11	C0SJ2ME	522502	17.45	430818	21.71	533785	24.95
12	A4CY6	512086	17.45	429300	21.71	509072	24.94
13	A4CY6MS	532956	17.45	437626	21.72	520318	24.95
14	A4CY6MSD	487284	17.45	406233	21.71	477450	24.94
15	C0SH5	609189	17.45	515520	21.71	603834	24.94
16	C0SJ0	523812	17.44	441674	21.70	521250	24.94
17	C0SJ3	504348	17.44	430711	21.71	497008	24.94
18	C0SJ5	444556	17.44	388742	21.71	464635	24.93
19	C0SJ6	587859	17.44	483707	21.70	555837	24.94
20	C0SJ7	523332	17.44	427693	21.71	506371	24.93
21	C0SH4	594609	17.44	518690	21.71	605424	24.93

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG062424 SAS No.: BG062424 SDG NO.: BG062424

EPA Sample No.: SSTD020441 Date Analyzed: Jun 25 2024 12:00AM

Lab File ID: BG061606.D Time Analyzed: 01:40

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	398475	17.442	379358	21.713	440710	24.939
UPPER LIMIT	796950	17.942	758716	22.213	881420	25.439
LOWER LIMIT	199237.5	16.942	189679	21.213	220355	24.439
EPA SAMPLE NO.						
22 SLCS483	547901	17.44	458114	21.71	528799	24.94
23 C0SE9	681960	17.44	572959	21.71	673682	24.94
24 SLCS484	567364	17.44	468893	21.71	546858	24.93
25 SBLK483	691776	17.44	619886	21.71	734801	24.93

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.: BG062424 SAS No.: BG062424 SDG NO.: BG062424

EPA Sample No.: SSTD020533 Date Analyzed: Jun 24 2024 12:00AM

Lab File ID: BG061668.D Time Analyzed: 10:18

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	592831	17.448	503434	21.713	571854	24.945
UPPER LIMIT	1185662	17.948	1006868	22.213	1143708	25.445
LOWER LIMIT	296415.5	16.948	251717	21.213	285927	24.445
EPA SAMPLE NO.						
01 SBLK483	582803	17.45	512822	21.71	580827	24.94
02 A4DK2	546027	17.45	426920	21.72	540812	24.95
03 A4DK2DL	597943	17.45	482357	21.72	574067	24.95
04 A4DK3	453252	17.45	371581	21.72	460907	24.95
05 A4DK3DL	597950	17.45	496719	21.71	566286	24.95
06 A4BP7DL2	495713	17.45	449631	21.71	540484	24.94
07 A4BQ3	623318	17.44	504813	21.71	609655	24.94
08 A4BQ3MS	550088	17.45	441122	21.72	537710	24.94
09 A4BQ3MSD	462184	17.45	384387	21.72	457046	24.95

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.: BG062424 SAS No.: BG062424 SDG NO.: BG062424

EPA Sample No.: SSTD020534 Date Analyzed: Jun 24 2024 12:00AM

Lab File ID: BG061678.D Time Analyzed: 17:34

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	559568	17.45	462769	21.716	553763	24.941
	UPPER LIMIT	1119136	17.95	925538	22.216	1107526	25.441
	LOWER LIMIT	279784	16.95	231384.5	21.216	276881.5	24.441
	EPA SAMPLE NO.						
01	SBLK484	456447	17.45	403040	21.71	486012	24.94
02	C0SJ2ME	522502	17.45	430818	21.71	533785	24.95
03	A4CY6	512086	17.45	429300	21.71	509072	24.94
04	A4CY6MS	532956	17.45	437626	21.72	520318	24.95
05	A4CY6MSD	487284	17.45	406233	21.71	477450	24.94
06	C0SH5	609189	17.45	515520	21.71	603834	24.94
07	C0SJ0	523812	17.44	441674	21.70	521250	24.94
08	C0SJ3	504348	17.44	430711	21.71	497008	24.94
09	C0SJ5	444556	17.44	388742	21.71	464635	24.93
10	C0SJ6	587859	17.44	483707	21.70	555837	24.94
11	C0SJ7	523332	17.44	427693	21.71	506371	24.93
12	C0SH4	594609	17.44	518690	21.71	605424	24.93
13	SLCS483	547901	17.44	458114	21.71	528799	24.94
14	C0SE9	681960	17.44	572959	21.71	673682	24.94
15	SLCS484	567364	17.44	468893	21.71	546858	24.93

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG062424 SAS No.: BG062424 SDG NO.: BG062424

EPA Sample No.: SSTD020534 Date Analyzed: Jun 25 2024 12:00AM

Lab File ID: BG061678.D Time Analyzed: 03:01

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	559568	17.45	462769	21.716	553763	24.941
UPPER LIMIT	1119136	17.95	925538	22.216	1107526	25.441
LOWER LIMIT	279784	16.95	231384.5	21.216	276881.5	24.441
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG062424 SAS No.: BG062424 SDG NO.: BG062424

EPA Sample No.: SSTD020535 Date Analyzed: Jun 25 2024 12:00AM

Lab File ID: BG061694.D Time Analyzed: 05:02

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	655833	17.442	562580	21.708	668455	24.934
UPPER LIMIT	1311666	17.942	1125160	22.208	1336910	25.434
LOWER LIMIT	327916.5	16.942	281290	21.208	334227.5	24.434
EPA SAMPLE NO.						
01 SBLK483	691776	17.44	619886	21.71	734801	24.93

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.: BG062424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161483BS	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	1200	ug/Kg	92				0	0		
	Acetophenone	1300	1100	ug/Kg	85				0	0		
	4-Methylphenol	1300	1100	ug/Kg	85				0	0		
	N-Nitroso-di-n-propylamine	1300	1100	ug/Kg	85				0	0		
	Hexachloroethane	1300	1100	ug/Kg	85				0	0		
	Nitrobenzene	1300	1200	ug/Kg	92				0	0		
	Isophorone	1300	1000	ug/Kg	77				0	0		
	2-Nitrophenol	1300	1400	ug/Kg	108				0	0		
	2,4-Dimethylphenol	1300	820	ug/Kg	63				0	0		
	Bis(2-chloroethoxy)methane	1300	1100	ug/Kg	85				0	0		
	2,4-Dichlorophenol	1300	1200	ug/Kg	92				0	0		
	Naphthalene	1300	1100	ug/Kg	85				0	0		
	4-Chloroaniline	1300	910	ug/Kg	70				0	0		
	Hexachlorobutadiene	1300	1100	ug/Kg	85				0	0		
	Caprolactam	1300	1100	ug/Kg	85				0	0		
	4-Chloro-3-methylphenol	1300	1100	ug/Kg	85				0	0		
	1-Methylnaphthalene	1300	1000	ug/Kg	77				0	0		
	2-Methylnaphthalene	1300	1100	ug/Kg	85				0	0		
	Hexachlorocyclopentadiene	1300	830	ug/Kg	64				0	0		
	2,4,6-Trichlorophenol	1300	1200	ug/Kg	92				0	0		
	2,4,5-Trichlorophenol	1300	1200	ug/Kg	92				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	1100	ug/Kg	85				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	1400	ug/Kg	108				0	0		
	4-Nitrophenol	1300	1200	ug/Kg	92				0	0		
	Dibenzofuran	1300	1100	ug/Kg	85				0	0		
	2,4-Dinitrotoluene	1300	1400	ug/Kg	108				0	0		
	Diethylphthalate	1300	1100	ug/Kg	85				0	0		
	Fluorene	1300	1100	ug/Kg	85				0	0		
	4-Chlorophenyl-phenylether	1300	1200	ug/Kg	92				0	0		
	4-Nitroaniline	1300	1500	ug/Kg	115				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG062424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161483BS	4,6-Dinitro-2-methylphenol	1300	1400	ug/Kg	108				0	0		
	N-Nitrosodiphenylamine	1300	1200	ug/Kg	92				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	1200	ug/Kg	92				0	0		
	4-Bromophenyl-phenylether	1300	1200	ug/Kg	92				0	0		
	Hexachlorobenzene	1300	1200	ug/Kg	92				0	0		
	Atrazine	1300	690	ug/Kg	53				0	0		
	Pentachlorophenol	1300	1000	ug/Kg	77				0	0		
	Phenanthrene	1300	1100	ug/Kg	85				0	0		
	Pentachlorobenzene	1300	1200	ug/Kg	92				0	0		
	Anthracene	1300	1100	ug/Kg	85				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1300	ug/Kg	100				0	0		
	Carbazole	1300	1200	ug/Kg	92				0	0		
	Di-n-butylphthalate	1300	1300	ug/Kg	100				0	0		
	Fluoranthene	1300	1200	ug/Kg	92				0	0		
	Pyrene	1300	1200	ug/Kg	92				0	0		
	Butylbenzylphthalate	1300	1400	ug/Kg	108				0	0		
	3,3'-Dichlorobenzidine	1300	1300	ug/Kg	100				0	0		
	Benzo(a)anthracene	1300	1200	ug/Kg	92				0	0		
	Chrysene	1300	1100	ug/Kg	85				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1400	ug/Kg	108				0	0		
	Di-n-octylphthalate	1300	1400	ug/Kg	108				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	1200	ug/Kg	92				0	0		
	Dibenzo(a,h)anthracene	1300	1200	ug/Kg	92				0	0		
	Benzo(g,h,i)perylene	1300	1100	ug/Kg	85				0	0		
	2,3,4,6-Tetrachlorophenol	1300	1100	ug/Kg	85				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG062424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161484BS	1,4-Dioxane	15500	10000	ug/Kg	65				0	0		
	Benzaldehyde	38800	38000	ug/Kg	98				0	0		
	Pyridine	38800	27000	ug/Kg	70				0	0		
	Phenol	38800	33000	ug/Kg	85				0	0		
	Bis(2-chloroethyl)ether	38800	31000	ug/Kg	80				0	0		
	2-Chlorophenol	38800	33000	ug/Kg	85				0	0		
	2-Methylphenol	38800	35000	ug/Kg	90				0	0		
	2,2-oxybis(1-Chloropropane)	38800	34000	ug/Kg	88				0	0		
	Acetophenone	38800	33000	ug/Kg	85				0	0		
	4-Methylphenol	38800	34000	ug/Kg	88				0	0		
	N-Nitroso-di-n-propylamine	38800	33000	ug/Kg	85				0	0		
	Hexachloroethane	38800	36000	ug/Kg	93				0	0		
	Nitrobenzene	38800	34000	ug/Kg	88				0	0		
	Isophorone	38800	30000	ug/Kg	77				0	0		
	2-Nitrophenol	38800	39000	ug/Kg	101				0	0		
	2,4-Dimethylphenol	38800	23000	ug/Kg	59				0	0		
	Bis(2-chloroethoxy)methane	38800	30000	ug/Kg	77				0	0		
	2,4-Dichlorophenol	38800	34000	ug/Kg	88				0	0		
	Naphthalene	38800	30000	ug/Kg	77				0	0		
	4-Chloroaniline	38800	26000	ug/Kg	67				0	0		
	Hexachlorobutadiene	38800	33000	ug/Kg	85				0	0		
	Caprolactam	38800	34000	ug/Kg	88				0	0		
	4-Chloro-3-methylphenol	38800	33000	ug/Kg	85				0	0		
	1-Methylnaphthalene	38800	30000	ug/Kg	77				0	0		
	2-Methylnaphthalene	38800	31000	ug/Kg	80				0	0		
	Hexachlorocyclopentadiene	38800	22000	ug/Kg	57				0	0		
	2,4,6-Trichlorophenol	38800	33000	ug/Kg	85				0	0		
	2,4,5-Trichlorophenol	38800	34000	ug/Kg	88				0	0		
	1,1'-Biphenyl	38800	32000	ug/Kg	82				0	0		
	2-Chloronaphthalene	38800	32000	ug/Kg	82				0	0		
	2-Nitroaniline	38800	41000	ug/Kg	106				0	0		
	Dimethylphthalate	38800	30000	ug/Kg	77				0	0		
	2,6-Dinitrotoluene	38800	41000	ug/Kg	106				0	0		
	Acenaphthylene	38800	31000	ug/Kg	80				0	0		
	3-Nitroaniline	38800	41000	ug/Kg	106				0	0		
	Acenaphthene	38800	31000	ug/Kg	80				0	0		
	2,4-Dinitrophenol	38800	42000	ug/Kg	108				0	0		
	4-Nitrophenol	38800	35000	ug/Kg	90				0	0		
	Dibenzofuran	38800	32000	ug/Kg	82				0	0		
	2,4-Dinitrotoluene	38800	42000	ug/Kg	108				0	0		
	Diethylphthalate	38800	33000	ug/Kg	85				0	0		
	Fluorene	38800	32000	ug/Kg	82				0	0		
	4-Chlorophenyl-phenylether	38800	32000	ug/Kg	82				0	0		
	4-Nitroaniline	38800	42000	ug/Kg	108				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG062424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161484BS	4,6-Dinitro-2-methylphenol	38800	38000	ug/Kg	98				0	0	
	N-Nitrosodiphenylamine	38800	33000	ug/Kg	85				0	0	
	1,2,4,5-Tetrachlorobenzene	38800	31000	ug/Kg	80				0	0	
	4-Bromophenyl-phenylether	38800	34000	ug/Kg	88				0	0	
	Hexachlorobenzene	38800	33000	ug/Kg	85				0	0	
	Atrazine	38800	18000	ug/Kg	46				0	0	
	Pentachlorophenol	38800	30000	ug/Kg	77				0	0	
	Phenanthrene	38800	32000	ug/Kg	82				0	0	
	Pentachlorobenzene	38800	32000	ug/Kg	82				0	0	
	Anthracene	38800	31000	ug/Kg	80				0	0	
	1,2,3,4-Tetrachlorobenzene	38800	33000	ug/Kg	85				0	0	
	Carbazole	38800	33000	ug/Kg	85				0	0	
	Di-n-butylphthalate	38800	35000	ug/Kg	90				0	0	
	Fluoranthene	38800	35000	ug/Kg	90				0	0	
	Pyrene	38800	34000	ug/Kg	88				0	0	
	Butylbenzylphthalate	38800	39000	ug/Kg	101				0	0	
	3,3'-Dichlorobenzidine	38800	38000	ug/Kg	98				0	0	
	Benzo(a)anthracene	38800	33000	ug/Kg	85				0	0	
	Chrysene	38800	33000	ug/Kg	85				0	0	
	Bis(2-ethylhexyl)phthalate	38800	39000	ug/Kg	101				0	0	
	Di-n-octylphthalate	38800	40000	ug/Kg	103				0	0	
	Benzo(b)fluoranthene	38800	34000	ug/Kg	88				0	0	
	Benzo(k)fluoranthene	38800	33000	ug/Kg	85				0	0	
	Benzo(a)pyrene	38800	31000	ug/Kg	80				0	0	
	Indeno(1,2,3-cd)pyrene	38800	34000	ug/Kg	88				0	0	
	Dibenzo(a,h)anthracene	38800	33000	ug/Kg	85				0	0	
	Benzo(g,h,i)perylene	38800	31000	ug/Kg	80				0	0	
	2,3,4,6-Tetrachlorophenol	38800	32000	ug/Kg	82				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4BQ3

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG062424

SAS No.: BG062424 SDG NO.: BG062424

Lab File ID: BG061675.D

Lab Sample ID: P2775-01

Instrument ID: BNA_G

Date Extracted: 06/11/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/24/2024

Level: (low/med) LOW

Time Analyzed: 14:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4BQ3	P2775-01	BG061675.D	06/24/2024
A4BQ3MS	P2775-02MS	BG061676.D	06/24/2024
A4BQ3MSD	P2775-03MSD	BG061677.D	06/24/2024
A4DK2	P2775-06	BG061670.D	06/24/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4DK3

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG062424

SAS No.: BG062424 SDG NO.: BG062424

Lab File ID: BG061672.D

Lab Sample ID: P2776-17

Instrument ID: BNA_G

Date Extracted: 06/12/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/24/2024

Level: (low/med) LOW

Time Analyzed: 12:37

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4DK3	P2776-17	BG061672.D	06/24/2024
A4CY6	P2776-01	BG061681.D	06/24/2024
A4CY6MS	P2776-02MS	BG061682.D	06/24/2024
A4CY6MSD	P2776-03MSD	BG061683.D	06/24/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK483

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG062424

SAS No.: BG062424 SDG NO.: BG062424

Lab File ID: BG061669.D

Lab Sample ID: PB161483BL

Instrument ID: BNA_G

Date Extracted: 06/13/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/24/2024

Level: (low/med) LOW

Time Analyzed: 10:18

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0SH5	P2856-13	BG061684.D	06/24/2024
C0SJ0	P2856-16	BG061685.D	06/24/2024
C0SJ3	P2856-18	BG061686.D	06/24/2024
C0SJ5	P2856-19	BG061687.D	06/24/2024
C0SJ6	P2856-20	BG061688.D	06/24/2024
C0SJ7	P2856-21	BG061689.D	06/25/2024
C0SH4	P2856-12	BG061690.D	06/25/2024
PB161483BS	PB161483BS	BG061691.D	06/25/2024
C0SE9	P2856-05	BG061692.D	06/25/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK484

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG062424

SAS No.: BG062424 SDG NO.: BG062424

Lab File ID: BG061679.D

Lab Sample ID: PB161484BL

Instrument ID: BNA_G

Date Extracted: 06/13/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/24/2024

Level: (low/med) MED

Time Analyzed: 17:34

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0SJ2ME	P2856-17ME	BG061680.D	06/24/2024
PB161484BS	PB161484BS	BG061693.D	06/25/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG062424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2775-02MS	Client Sample ID:	A4BQ3MS				DataFile:	BG061676.D			
1,4-Dioxane	1100		770	ug/Kg	70				15	120	
Benzaldehyde	2700		1800	ug/Kg	67				0	0	
Pyridine	2700		470	ug/Kg	17				0	0	
Phenol	2700		2600	ug/Kg	96	*			26	90	
Bis(2-chloroethyl)ether	2700		2500	ug/Kg	93				0	0	
2-Chlorophenol	2700		2600	ug/Kg	96				25	102	
2-Methylphenol	2700		2500	ug/Kg	93				0	0	
2,2-oxybis(1-Chloropropane)	2700		2600	ug/Kg	96				0	0	
Acetophenone	2700	0	2700	ug/Kg	100				0	0	
4-Methylphenol	2700		2500	ug/Kg	93				0	0	
N-Nitroso-di-n-propylamine	2700		2600	ug/Kg	96				41	126	
Hexachloroethane	2700		2100	ug/Kg	78				0	0	
Nitrobenzene	2700		2700	ug/Kg	100				0	0	
Isophorone	2700		2400	ug/Kg	89				0	0	
2-Nitrophenol	2700		3100	ug/Kg	115				0	0	
2,4-Dimethylphenol	2700		1400	ug/Kg	52				0	0	
Bis(2-chloroethoxy)methane	2700		2600	ug/Kg	96				0	0	
2,4-Dichlorophenol	2700		2800	ug/Kg	104				0	0	
Naphthalene	2700		2500	ug/Kg	93				0	0	
4-Chloroaniline	2700		1400	ug/Kg	52				0	0	
Hexachlorobutadiene	2700		2700	ug/Kg	100				0	0	
Caprolactam	2700		2200	ug/Kg	81				0	0	
4-Chloro-3-methylphenol	2700		2600	ug/Kg	96				26	103	
1-Methylnaphthalene	2700		2500	ug/Kg	93				0	0	
2-Methylnaphthalene	2700		2600	ug/Kg	96				0	0	
Hexachlorocyclopentadiene	2700		1400	ug/Kg	52				0	0	
2,4,6-Trichlorophenol	2700		3000	ug/Kg	111				0	0	
2,4,5-Trichlorophenol	2700		2900	ug/Kg	107				0	0	
1,1'-Biphenyl	2700		2700	ug/Kg	100				0	0	
2-Chloronaphthalene	2700		2700	ug/Kg	100				0	0	
2-Nitroaniline	2700		3200	ug/Kg	119				0	0	
Dimethylphthalate	2700		2500	ug/Kg	93				0	0	
2,6-Dinitrotoluene	2700		3300	ug/Kg	122				0	0	
Acenaphthylene	2700		2500	ug/Kg	93				0	0	
3-Nitroaniline	2700		2800	ug/Kg	104				0	0	
Acenaphthene	2700		2600	ug/Kg	96				31	137	
2,4-Dinitrophenol	2700		3500	ug/Kg	130				0	0	
4-Nitrophenol	2700		2700	ug/Kg	100				11	114	
Dibenzofuran	2700		2700	ug/Kg	100				0	0	
2,4-Dinitrotoluene	2700		3300	ug/Kg	122	*			28	89	
Diethylphthalate	2700		2600	ug/Kg	96				0	0	
Fluorene	2700		2700	ug/Kg	100				0	0	
4-Chlorophenyl-phenylether	2700		2600	ug/Kg	96				0	0	
4-Nitroaniline	2700		3100	ug/Kg	115				0	0	
4,6-Dinitro-2-methylphenol	2700		3200	ug/Kg	119				0	0	
N-Nitrosodiphenylamine	2700		2900	ug/Kg	107				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG062424

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	2700		2700	ug/Kg	100				0	0	
4-Bromophenyl-phenylether	2700		2900	ug/Kg	107				0	0	
Hexachlorobenzene	2700		2200	ug/Kg	81				0	0	
Atrazine	2700		2300	ug/Kg	85				0	0	
Pentachlorophenol	2700		2700	ug/Kg	100				17	109	
Phenanthrene	2700	470	3100	ug/Kg	97				0	0	
Pentachlorobenzene	2700		2500	ug/Kg	93				0	0	
Anthracene	2700	75	2600	ug/Kg	94				0	0	
1,2,3,4-Tetrachlorobenzene	2700		3200	ug/Kg	119				0	0	
Carbazole	2700		2500	ug/Kg	93				0	0	
Di-n-butylphthalate	2700		2900	ug/Kg	107				0	0	
Fluoranthene	2700	1000	3900	ug/Kg	107				0	0	
Pyrene	2700	700	3000	ug/Kg	85				35	142	
Butylbenzylphthalate	2700		3300	ug/Kg	122				0	0	
3,3'-Dichlorobenzidine	2700		1600	ug/Kg	59				0	0	
Benzo(a)anthracene	2700	400	3100	ug/Kg	100				0	0	
Chrysene	2700	490	3200	ug/Kg	100				0	0	
Bis(2-ethylhexyl)phthalate	2700	260	3500	ug/Kg	120				0	0	
Di-n-octylphthalate	2700		3300	ug/Kg	122				0	0	
Benzo(b)fluoranthene	2700	610	3200	ug/Kg	96				0	0	
Benzo(k)fluoranthene	2700	200	2900	ug/Kg	100				0	0	
Benzo(a)pyrene	2700	250	1500	ug/Kg	46				0	0	
Indeno(1,2,3-cd)pyrene	2700	180	2200	ug/Kg	75				0	0	
Dibenzo(a,h)anthracene	2700	80	2700	ug/Kg	97				0	0	
Benzo(g,h,i)perylene	2700		270	ug/Kg	10				0	0	
2,3,4,6-Tetrachlorophenol	2700		2800	ug/Kg	104				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG062424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2775-03MSD	Client Sample ID:	A4BQ3MSD					DataFile:	BG061677.D		
1,4-Dioxane	1100		970	ug/Kg	88		23		15	120	50
Benzaldehyde	2700		2100	ug/Kg	78		15	*	0	0	0
Pyridine	2700		770	ug/Kg	29		52	*	0	0	0
Phenol	2700		3000	ug/Kg	111	*	14		26	90	35
Bis(2-chloroethyl)ether	2700		2800	ug/Kg	104		11	*	0	0	0
2-Chlorophenol	2700		3000	ug/Kg	111	*	14		25	102	50
2-Methylphenol	2700		2900	ug/Kg	107		14	*	0	0	0
2,2-oxybis(1-Chloropropane)	2700		2900	ug/Kg	107		11	*	0	0	0
Acetophenone	2700	0	2900	ug/Kg	107		7	*	0	0	0
4-Methylphenol	2700		3000	ug/Kg	111		18	*	0	0	0
N-Nitroso-di-n-propylamine	2700		2800	ug/Kg	104		8		41	126	38
Hexachloroethane	2700		2400	ug/Kg	89		13	*	0	0	0
Nitrobenzene	2700		3200	ug/Kg	119		17	*	0	0	0
Isophorone	2700		2900	ug/Kg	107		18	*	0	0	0
2-Nitrophenol	2700		3900	ug/Kg	144		22	*	0	0	0
2,4-Dimethylphenol	2700		1900	ug/Kg	70		30	*	0	0	0
Bis(2-chloroethoxy)methane	2700		2800	ug/Kg	104		8	*	0	0	0
2,4-Dichlorophenol	2700		3400	ug/Kg	126		19	*	0	0	0
Naphthalene	2700		3000	ug/Kg	111		18	*	0	0	0
4-Chloroaniline	2700		1800	ug/Kg	67		25	*	0	0	0
Hexachlorobutadiene	2700		3000	ug/Kg	111		10	*	0	0	0
Caprolactam	2700		2800	ug/Kg	104		25	*	0	0	0
4-Chloro-3-methylphenol	2700		3200	ug/Kg	119	*	21		26	103	33
1-Methylnaphthalene	2700		3100	ug/Kg	115		21	*	0	0	0
2-Methylnaphthalene	2700		3100	ug/Kg	115		18	*	0	0	0
Hexachlorocyclopentadiene	2700		1500	ug/Kg	56		7	*	0	0	0
2,4,6-Trichlorophenol	2700		3400	ug/Kg	126		13	*	0	0	0
2,4,5-Trichlorophenol	2700		3600	ug/Kg	133		22	*	0	0	0
1,1'-Biphenyl	2700		3100	ug/Kg	115		14	*	0	0	0
2-Chloronaphthalene	2700		3100	ug/Kg	115		14	*	0	0	0
2-Nitroaniline	2700		4000	ug/Kg	148		22	*	0	0	0
Dimethylphthalate	2700		3000	ug/Kg	111		18	*	0	0	0
2,6-Dinitrotoluene	2700		3900	ug/Kg	144		17	*	0	0	0
Acenaphthylene	2700		2900	ug/Kg	107		14	*	0	0	0
3-Nitroaniline	2700		3600	ug/Kg	133		24	*	0	0	0
Acenaphthene	2700		3000	ug/Kg	111		14		31	137	19
2,4-Dinitrophenol	2700		4100	ug/Kg	152		16	*	0	0	0
4-Nitrophenol	2700		3500	ug/Kg	130	*	26		11	114	50
Dibenzofuran	2700		3200	ug/Kg	119		17	*	0	0	0
2,4-Dinitrotoluene	2700		4100	ug/Kg	152	*	22		28	89	47
Diethylphthalate	2700		3200	ug/Kg	119		21	*	0	0	0
Fluorene	2700		3200	ug/Kg	119		17	*	0	0	0
4-Chlorophenyl-phenylether	2700		3100	ug/Kg	115		18	*	0	0	0
4-Nitroaniline	2700		3700	ug/Kg	137		17	*	0	0	0
4,6-Dinitro-2-methylphenol	2700		3800	ug/Kg	141		17	*	0	0	0
N-Nitrosodiphenylamine	2700		3400	ug/Kg	126		16	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG062424

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	2700		3000	ug/Kg	111		10	*	0	0	0
4-Bromophenyl-phenylether	2700		3400	ug/Kg	126		16	*	0	0	0
Hexachlorobenzene	2700		2700	ug/Kg	100		21	*	0	0	0
Atrazine	2700		2700	ug/Kg	100		16	*	0	0	0
Pentachlorophenol	2700		3400	ug/Kg	126	*	23		17	109	47
Phenanthrene	2700	470	3700	ug/Kg	120		21	*	0	0	0
Pentachlorobenzene	2700		2800	ug/Kg	104		11	*	0	0	0
Anthracene	2700	75	3100	ug/Kg	112		17	*	0	0	0
1,2,3,4-Tetrachlorobenzene	2700		3500	ug/Kg	130		9	*	0	0	0
Carbazole	2700		3000	ug/Kg	111		18	*	0	0	0
Di-n-butylphthalate	2700		3500	ug/Kg	130		19	*	0	0	0
Fluoranthene	2700	1000	4600	ug/Kg	133		22	*	0	0	0
Pyrene	2700	700	3500	ug/Kg	104		20		35	142	36
Butylbenzylphthalate	2700		3900	ug/Kg	144		17	*	0	0	0
3,3'-Dichlorobenzidine	2700		2000	ug/Kg	74		23	*	0	0	0
Benzo(a)anthracene	2700	400	3700	ug/Kg	122		20	*	0	0	0
Chrysene	2700	490	3800	ug/Kg	123		21	*	0	0	0
Bis(2-ethylhexyl)phthalate	2700	260	4100	ug/Kg	142		17	*	0	0	0
Di-n-octylphthalate	2700		4000	ug/Kg	148		19	*	0	0	0
Benzo(b)fluoranthene	2700	610	4000	ug/Kg	126		27	*	0	0	0
Benzo(k)fluoranthene	2700	200	3400	ug/Kg	119		17	*	0	0	0
Benzo(a)pyrene	2700	250	1800	ug/Kg	57		21	*	0	0	0
Indeno(1,2,3-cd)pyrene	2700	180	2100	ug/Kg	71		5	*	0	0	0
Dibenzo(a,h)anthracene	2700	80	3400	ug/Kg	123		24	*	0	0	0
Benzo(g,h,i)perylene	2700		330	ug/Kg	12		18	*	0	0	0
2,3,4,6-Tetrachlorophenol	2700		3400	ug/Kg	126		19	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG062424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2776-02MS	Client Sample ID:	A4CY6MS				DataFile:	BG061682.D			
1,4-Dioxane	670		450	ug/Kg	67				15	120	
Benzaldehyde	1700		1100	ug/Kg	65				0	0	
Pyridine	1700		600	ug/Kg	35				0	0	
Phenol	1700		1500	ug/Kg	88				26	90	
Bis(2-chloroethyl)ether	1700		1400	ug/Kg	82				0	0	
2-Chlorophenol	1700		1600	ug/Kg	94				25	102	
2-Methylphenol	1700		1600	ug/Kg	94				0	0	
2,2-oxybis(1-Chloropropane)	1700		1500	ug/Kg	88				0	0	
Acetophenone	1700		1600	ug/Kg	94				0	0	
4-Methylphenol	1700		1600	ug/Kg	94				0	0	
N-Nitroso-di-n-propylamine	1700		1600	ug/Kg	94				41	126	
Hexachloroethane	1700		1200	ug/Kg	71				0	0	
Nitrobenzene	1700		1700	ug/Kg	100				0	0	
Isophorone	1700		1500	ug/Kg	88				0	0	
2-Nitrophenol	1700		2000	ug/Kg	118				0	0	
2,4-Dimethylphenol	1700		1000	ug/Kg	59				0	0	
Bis(2-chloroethoxy)methane	1700		1600	ug/Kg	94				0	0	
2,4-Dichlorophenol	1700		1700	ug/Kg	100				0	0	
Naphthalene	1700		1500	ug/Kg	88				0	0	
4-Chloroaniline	1700		990	ug/Kg	58				0	0	
Hexachlorobutadiene	1700		1600	ug/Kg	94				0	0	
Caprolactam	1700		1400	ug/Kg	82				0	0	
4-Chloro-3-methylphenol	1700		1700	ug/Kg	100				26	103	
1-Methylnaphthalene	1700		1600	ug/Kg	94				0	0	
2-Methylnaphthalene	1700		1600	ug/Kg	94				0	0	
Hexachlorocyclopentadiene	1700		960	ug/Kg	56				0	0	
2,4,6-Trichlorophenol	1700		1900	ug/Kg	112				0	0	
2,4,5-Trichlorophenol	1700		1900	ug/Kg	112				0	0	
1,1'-Biphenyl	1700		1700	ug/Kg	100				0	0	
2-Chloronaphthalene	1700		1700	ug/Kg	100				0	0	
2-Nitroaniline	1700		2100	ug/Kg	124				0	0	
Dimethylphthalate	1700		1600	ug/Kg	94				0	0	
2,6-Dinitrotoluene	1700		2100	ug/Kg	124				0	0	
Acenaphthylene	1700		1600	ug/Kg	94				0	0	
3-Nitroaniline	1700		1900	ug/Kg	112				0	0	
Acenaphthene	1700		1600	ug/Kg	94				31	137	
2,4-Dinitrophenol	1700		2200	ug/Kg	129				0	0	
4-Nitrophenol	1700		1900	ug/Kg	112				11	114	
Dibenzofuran	1700		1700	ug/Kg	100				0	0	
2,4-Dinitrotoluene	1700		2200	ug/Kg	129	*			28	89	
Diethylphthalate	1700		1700	ug/Kg	100				0	0	
Fluorene	1700		1700	ug/Kg	100				0	0	
4-Chlorophenyl-phenylether	1700		1700	ug/Kg	100				0	0	
4-Nitroaniline	1700		2100	ug/Kg	124				0	0	
4,6-Dinitro-2-methylphenol	1700		2100	ug/Kg	124				0	0	
N-Nitrosodiphenylamine	1700		1900	ug/Kg	112				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG062424

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	1700		1600	ug/Kg	94				0	0	
4-Bromophenyl-phenylether	1700		1900	ug/Kg	112				0	0	
Hexachlorobenzene	1700		1400	ug/Kg	82				0	0	
Atrazine	1700		1500	ug/Kg	88				0	0	
Pentachlorophenol	1700		1700	ug/Kg	100				17	109	
Phenanthrene	1700	120	1800	ug/Kg	99				0	0	
Pentachlorobenzene	1700		1500	ug/Kg	88				0	0	
Anthracene	1700		1700	ug/Kg	100				0	0	
1,2,3,4-Tetrachlorobenzene	1700		1900	ug/Kg	112				0	0	
Carbazole	1700		1700	ug/Kg	100				0	0	
Di-n-butylphthalate	1700		1900	ug/Kg	112				0	0	
Fluoranthene	1700	230	2100	ug/Kg	110				0	0	
Pyrene	1700	230	1700	ug/Kg	86				35	142	
Butylbenzylphthalate	1700		2200	ug/Kg	129				0	0	
3,3'-Dichlorobenzidine	1700		1400	ug/Kg	82				0	0	
Benzo(a)anthracene	1700	89	1900	ug/Kg	107				0	0	
Chrysene	1700	120	1900	ug/Kg	105				0	0	
Bis(2-ethylhexyl)phthalate	1700	57	2200	ug/Kg	126				0	0	
Di-n-octylphthalate	1700		2200	ug/Kg	129				0	0	
Benzo(b)fluoranthene	1700	140	1900	ug/Kg	104				0	0	
Benzo(k)fluoranthene	1700	52	1800	ug/Kg	103				0	0	
Benzo(a)pyrene	1700	130	950	ug/Kg	48				0	0	
Indeno(1,2,3-cd)pyrene	1700	59	1400	ug/Kg	79				0	0	
Dibenzo(a,h)anthracene	1700		1800	ug/Kg	106				0	0	
Benzo(g,h,i)perylene	1700		170	ug/Kg	10				0	0	
2,3,4,6-Tetrachlorophenol	1700		1800	ug/Kg	106				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG062424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2776-03MSD	Client Sample ID:	A4CY6MSD					DataFile:	BG061683.D		
1,4-Dioxane	680		480	ug/Kg	71		6		15	120	50
Benzaldehyde	1700		1100	ug/Kg	65		0		0	0	0
Pyridine	1700		590	ug/Kg	35		0		0	0	0
Phenol	1700		1500	ug/Kg	88		0		26	90	35
Bis(2-chloroethyl)ether	1700		1400	ug/Kg	82		0		0	0	0
2-Chlorophenol	1700		1500	ug/Kg	88		7		25	102	50
2-Methylphenol	1700		1500	ug/Kg	88		7	*	0	0	0
2,2-oxybis(1-Chloropropane)	1700		1400	ug/Kg	82		7	*	0	0	0
Acetophenone	1700		1500	ug/Kg	88		7	*	0	0	0
4-Methylphenol	1700		1600	ug/Kg	94		0		0	0	0
N-Nitroso-di-n-propylamine	1700		1500	ug/Kg	88		7		41	126	38
Hexachloroethane	1700		1200	ug/Kg	71		0		0	0	0
Nitrobenzene	1700		1700	ug/Kg	100		0		0	0	0
Isophorone	1700		1500	ug/Kg	88		0		0	0	0
2-Nitrophenol	1700		1900	ug/Kg	112		5	*	0	0	0
2,4-Dimethylphenol	1700		1000	ug/Kg	59		0		0	0	0
Bis(2-chloroethoxy)methane	1700		1500	ug/Kg	88		7	*	0	0	0
2,4-Dichlorophenol	1700		1800	ug/Kg	106		6	*	0	0	0
Naphthalene	1700		1500	ug/Kg	88		0		0	0	0
4-Chloroaniline	1700		1100	ug/Kg	65		11	*	0	0	0
Hexachlorobutadiene	1700		1600	ug/Kg	94		0		0	0	0
Caprolactam	1700		1600	ug/Kg	94		14	*	0	0	0
4-Chloro-3-methylphenol	1700		1900	ug/Kg	112	*	11		26	103	33
1-Methylnaphthalene	1700		1600	ug/Kg	94		0		0	0	0
2-Methylnaphthalene	1700		1600	ug/Kg	94		0		0	0	0
Hexachlorocyclopentadiene	1700		830	ug/Kg	49		13	*	0	0	0
2,4,6-Trichlorophenol	1700		1800	ug/Kg	106		6	*	0	0	0
2,4,5-Trichlorophenol	1700		1900	ug/Kg	112		0		0	0	0
1,1'-Biphenyl	1700		1600	ug/Kg	94		6	*	0	0	0
2-Chloronaphthalene	1700		1600	ug/Kg	94		6	*	0	0	0
2-Nitroaniline	1700		2200	ug/Kg	129		4	*	0	0	0
Dimethylphthalate	1700		1600	ug/Kg	94		0		0	0	0
2,6-Dinitrotoluene	1700		2200	ug/Kg	129		4	*	0	0	0
Acenaphthylene	1700		1600	ug/Kg	94		0		0	0	0
3-Nitroaniline	1700		2000	ug/Kg	118		5	*	0	0	0
Acenaphthene	1700		1600	ug/Kg	94		0		31	137	19
2,4-Dinitrophenol	1700		2400	ug/Kg	141		9	*	0	0	0
4-Nitrophenol	1700		2000	ug/Kg	118	*	5		11	114	50
Dibenzofuran	1700		1700	ug/Kg	100		0		0	0	0
2,4-Dinitrotoluene	1700		2300	ug/Kg	135	*	5		28	89	47
Diethylphthalate	1700		1800	ug/Kg	106		6	*	0	0	0
Fluorene	1700		1800	ug/Kg	106		6	*	0	0	0
4-Chlorophenyl-phenylether	1700		1700	ug/Kg	100		0		0	0	0
4-Nitroaniline	1700		2200	ug/Kg	129		4	*	0	0	0
4,6-Dinitro-2-methylphenol	1700		2200	ug/Kg	129		4	*	0	0	0
N-Nitrosodiphenylamine	1700		1900	ug/Kg	112		0		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG062424

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	1700		1600	ug/Kg	94	0			0	0	0
4-Bromophenyl-phenylether	1700		1900	ug/Kg	112	0			0	0	0
Hexachlorobenzene	1700		1500	ug/Kg	88	7	*		0	0	0
Atrazine	1700		1500	ug/Kg	88	0			0	0	0
Pentachlorophenol	1700		1800	ug/Kg	106	6			17	109	47
Phenanthrene	1700	120	1900	ug/Kg	105	6	*		0	0	0
Pentachlorobenzene	1700		1500	ug/Kg	88	0			0	0	0
Anthracene	1700		1700	ug/Kg	100	0			0	0	0
1,2,3,4-Tetrachlorobenzene	1700		1800	ug/Kg	106	6	*		0	0	0
Carbazole	1700		1700	ug/Kg	100	0			0	0	0
Di-n-butylphthalate	1700		2000	ug/Kg	118	5	*		0	0	0
Fluoranthene	1700	230	2200	ug/Kg	116	5	*		0	0	0
Pyrene	1700	230	1800	ug/Kg	92	7			35	142	36
Butylbenzylphthalate	1700		2200	ug/Kg	129	0			0	0	0
3,3'-Dichlorobenzidine	1700		1400	ug/Kg	82	0			0	0	0
Benzo(a)anthracene	1700	89	1900	ug/Kg	107	0			0	0	0
Chrysene	1700	120	1900	ug/Kg	105	0			0	0	0
Bis(2-ethylhexyl)phthalate	1700	57	2200	ug/Kg	126	0			0	0	0
Di-n-octylphthalate	1700		2300	ug/Kg	135	5	*		0	0	0
Benzo(b)fluoranthene	1700	140	2100	ug/Kg	115	10	*		0	0	0
Benzo(k)fluoranthene	1700	52	1900	ug/Kg	109	6	*		0	0	0
Benzo(a)pyrene	1700	130	990	ug/Kg	51	6	*		0	0	0
Indeno(1,2,3-cd)pyrene	1700	59	1500	ug/Kg	85	7	*		0	0	0
Dibenzo(a,h)anthracene	1700		1800	ug/Kg	106	0			0	0	0
Benzo(g,h,i)perylene	1700		170	ug/Kg	10	0			0	0	0
2,3,4,6-Tetrachlorophenol	1700		2000	ug/Kg	118	11	*		0	0	0



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

Surrogate Summary

SW-846

SDG No.: BG062424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2754-08DL2	A4BP7DL2	BG061674.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	29.52	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.76	79		10	150
			2-Chlorophenol-d4	40	31.90	80		15	120
			4-Methylphenol-d8	40	31.80	79		10	140
			Nitrobenzene-d5	40	37.78	94		10	135
			2-Nitrophenol-d4	40	36.70	92		10	120
			2,4-Dichlorophenol-d3	40	31.32	78		10	140
			4-Chloroaniline-d4	40	21.24	53		1	145
			Dimethylphthalate-d6	40	34.76	87		10	145
			Acenaphthylene-d8	40	32.66	82		15	120
			4-Nitrophenol-d4	40	24.82	62		10	150
			Fluorene-d10	40	36.32	91		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.40	46		10	130
			Anthracene-d10	40	35.08	88		10	150
			Pyrene-d10	40	34.04	85		10	130
			Benzo(a)pyrene-d12	40	23.50	59		10	140

Surrogate Summary

SW-846

SDG No.: **BG062424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2775-01	A4BQ3	BG061675.D	1,4-Dioxane-d8	8	3.43	43		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	21.51	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.03	63		10	150
			2-Chlorophenol-d4	40	24.81	62		15	120
			4-Methylphenol-d8	40	20.12	50		10	140
			Nitrobenzene-d5	40	27.52	69		10	135
			2-Nitrophenol-d4	40	32.10	80		10	120
			2,4-Dichlorophenol-d3	40	26.38	66		10	140
			4-Chloroaniline-d4	40	9.76	24		1	145
			Dimethylphthalate-d6	40	27.15	68		10	145
			Acenaphthylene-d8	40	27.60	69		15	120
			4-Nitrophenol-d4	40	21.58	54		10	150
			Fluorene-d10	40	28.43	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.39	71		10	130
			Anthracene-d10	40	27.47	69		10	150
			Pyrene-d10	40	29.00	72		10	130
			Benzo(a)pyrene-d12	40	21.23	53		10	140
P2775-02MS	A4BQ3MS	BG061676.D	1,4-Dioxane-d8	8	4.22	53		15	120
			Pyridine-d5	40	7.12	18	*	20	120
			Phenol-d5	40	23.86	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.11	70		10	150
			2-Chlorophenol-d4	40	26.82	67		15	120
			4-Methylphenol-d8	40	24.33	61		10	140
			Nitrobenzene-d5	40	33.04	83		10	135
			2-Nitrophenol-d4	40	35.99	90		10	120
			2,4-Dichlorophenol-d3	40	29.98	75		10	140
			4-Chloroaniline-d4	40	17.38	43		1	145
			Dimethylphthalate-d6	40	30.34	76		10	145
			Acenaphthylene-d8	40	31.20	78		15	120
			4-Nitrophenol-d4	40	24.68	62		10	150
			Fluorene-d10	40	31.74	79		20	140
			4,6-Dinitro-2-methylphenol-d2	40	37.84	95		10	130
			Anthracene-d10	40	30.64	77		10	150
			Pyrene-d10	40	29.66	74		10	130
			Benzo(a)pyrene-d12	40	21.22	53		10	140
P2775-03MSD	A4BQ3MSD	BG061677.D	1,4-Dioxane-d8	8	5.36	67		15	120
			Pyridine-d5	40	8.25	21		20	120
			Phenol-d5	40	30.00	75		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.92	82		10	150
			2-Chlorophenol-d4	40	32.82	82		15	120
			4-Methylphenol-d8	40	29.23	73		10	140
			Nitrobenzene-d5	40	39.97	100		10	135
			2-Nitrophenol-d4	40	44.96	112		10	120
			2,4-Dichlorophenol-d3	40	38.16	95		10	140
			4-Chloroaniline-d4	40	22.46	56		1	145
			Dimethylphthalate-d6	40	37.58	94		10	145
			Acenaphthylene-d8	40	38.09	95		15	120
			4-Nitrophenol-d4	40	33.54	84		10	150

Surrogate Summary

SW-846

SDG No.: **BG062424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2775-03MSD	A4BQ3MSD	BG061677.D	Fluorene-d10	40	39.65	99		20	140
			4,6-Dinitro-2-methylphenol-d2	40	49.19	123		10	130
			Anthracene-d10	40	38.07	95		10	150
			Pyrene-d10	40	36.40	91		10	130
			Benzo(a)pyrene-d12	40	26.57	66		10	140
P2775-06	A4DK2	BG061670.D	1,4-Dioxane-d8	8	3.71	46		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	24.46	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.96	62		10	150
			2-Chlorophenol-d4	40	25.72	64		15	120
			4-Methylphenol-d8	40	26.37	66		10	140
			Nitrobenzene-d5	40	30.67	77		10	135
			2-Nitrophenol-d4	40	34.49	86		10	120
			2,4-Dichlorophenol-d3	40	28.66	72		10	140
			4-Chloroaniline-d4	40	20.82	52		1	145
			Dimethylphthalate-d6	40	32.35	81		10	145
			Acenaphthylene-d8	40	31.49	79		15	120
			4-Nitrophenol-d4	40	32.48	81		10	150
			Fluorene-d10	40	33.08	83		20	140
			4,6-Dinitro-2-methylphenol-d2	40	34.01	85		10	130
			Anthracene-d10	40	32.79	82		10	150
			Pyrene-d10	40	36.63	92		10	130
			Benzo(a)pyrene-d12	40	33.21	83		10	140
			1,4-Dioxane-d8	8	5.09	64		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	24.84	62		10	130
P2775-06DL	A4DK2DL	BG061671.D	Bis(2-Chloroethyl)ether-d8	40	24.78	62		10	150
			2-Chlorophenol-d4	40	25.16	63		15	120
			4-Methylphenol-d8	40	27.75	69		10	140
			Nitrobenzene-d5	40	27.85	70		10	135
			2-Nitrophenol-d4	40	33.40	83		10	120
			2,4-Dichlorophenol-d3	40	29.81	75		10	140
			4-Chloroaniline-d4	40	21.13	53		1	145
			Dimethylphthalate-d6	40	31.79	79		10	145
			Acenaphthylene-d8	40	31.31	78		15	120
			4-Nitrophenol-d4	40	29.52	74		10	150
			Fluorene-d10	40	33.95	85		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.56	66		10	130
			Anthracene-d10	40	32.12	80		10	150
			Pyrene-d10	40	35.82	90		10	130
			Benzo(a)pyrene-d12	40	33.80	84		10	140

Surrogate Summary

SW-846

SDG No.: **BG062424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2776-01	A4CY6	BG061681.D	1,4-Dioxane-d8	8	4.44	55		15	120
			Pyridine-d5	40	2.51	6	*	20	120
			Phenol-d5	40	25.48	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.12	60		10	150
			2-Chlorophenol-d4	40	25.12	63		15	120
			4-Methylphenol-d8	40	24.28	61		10	140
			Nitrobenzene-d5	40	26.59	66		10	135
			2-Nitrophenol-d4	40	31.25	78		10	120
			2,4-Dichlorophenol-d3	40	24.84	62		10	140
			4-Chloroaniline-d4	40	13.77	34		1	145
			Dimethylphthalate-d6	40	25.45	64		10	145
			Acenaphthylene-d8	40	25.93	65		15	120
			4-Nitrophenol-d4	40	24.69	62		10	150
			Fluorene-d10	40	27.36	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.03	60		10	130
			Anthracene-d10	40	25.88	65		10	150
			Pyrene-d10	40	25.82	65		10	130
			Benzo(a)pyrene-d12	40	18.73	47		10	140
P2776-02MS	A4CY6MS	BG061682.D	1,4-Dioxane-d8	8	4.00	50		15	120
			Pyridine-d5	40	10.05	25		20	120
			Phenol-d5	40	26.75	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.03	63		10	150
			2-Chlorophenol-d4	40	26.50	66		15	120
			4-Methylphenol-d8	40	26.57	66		10	140
			Nitrobenzene-d5	40	30.88	77		10	135
			2-Nitrophenol-d4	40	34.11	85		10	120
			2,4-Dichlorophenol-d3	40	30.97	77		10	140
			4-Chloroaniline-d4	40	18.65	47		1	145
			Dimethylphthalate-d6	40	30.47	76		10	145
			Acenaphthylene-d8	40	29.57	74		15	120
			4-Nitrophenol-d4	40	31.31	78		10	150
			Fluorene-d10	40	30.61	77		20	140
			4,6-Dinitro-2-methylphenol-d2	40	40.05	100		10	130
			Anthracene-d10	40	30.84	77		10	150
			Pyrene-d10	40	30.42	76		10	130
			Benzo(a)pyrene-d12	40	22.06	55		10	140
P2776-03MSD	A4CY6MSD	BG061683.D	1,4-Dioxane-d8	8	4.62	58		15	120
			Pyridine-d5	40	10.59	26		20	120
			Phenol-d5	40	26.50	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.26	61		10	150
			2-Chlorophenol-d4	40	25.68	64		15	120
			4-Methylphenol-d8	40	25.78	64		10	140
			Nitrobenzene-d5	40	29.00	72		10	135
			2-Nitrophenol-d4	40	35.55	89		10	120
			2,4-Dichlorophenol-d3	40	31.42	79		10	140
			4-Chloroaniline-d4	40	19.51	49		1	145
			Dimethylphthalate-d6	40	30.63	77		10	145
			Acenaphthylene-d8	40	29.91	75		15	120
			4-Nitrophenol-d4	40	35.16	88		10	150

Surrogate Summary

SW-846

SDG No.: **BG062424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2776-03MSD	A4CY6MSD	BG061683.D	Fluorene-d10	40	32.07	80		20	140
			4,6-Dinitro-2-methylphenol-d2	40	39.94	100		10	130
			Anthracene-d10	40	32.41	81		10	150
			Pyrene-d10	40	31.06	78		10	130
			Benzo(a)pyrene-d12	40	23.37	58		10	140
P2776-17	A4DK3	BG061672.D	1,4-Dioxane-d8	8	4.95	62		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	21.21	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.08	53		10	150
			2-Chlorophenol-d4	40	22.03	55		15	120
			4-Methylphenol-d8	40	18.99	47		10	140
			Nitrobenzene-d5	40	24.04	60		10	135
			2-Nitrophenol-d4	40	25.89	65		10	120
			2,4-Dichlorophenol-d3	40	25.15	63		10	140
			4-Chloroaniline-d4	40	17.34	43		1	145
			Dimethylphthalate-d6	40	25.66	64		10	145
			Acenaphthylene-d8	40	25.14	63		15	120
			4-Nitrophenol-d4	40	29.45	74		10	150
			Fluorene-d10	40	28.00	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.78	62		10	130
			Anthracene-d10	40	25.56	64		10	150
			Pyrene-d10	40	28.60	72		10	130
			Benzo(a)pyrene-d12	40	26.62	67		10	140
P2776-17DL	A4DK3DL	BG061673.D	1,4-Dioxane-d8	8	3.72	46		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	19.75	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.01	48		10	150
			2-Chlorophenol-d4	40	20.01	50		15	120
			4-Methylphenol-d8	40	17.92	45		10	140
			Nitrobenzene-d5	40	20.90	52		10	135
			2-Nitrophenol-d4	40	23.54	59		10	120
			2,4-Dichlorophenol-d3	40	23.82	60		10	140
			4-Chloroaniline-d4	40	14.69	37		1	145
			Dimethylphthalate-d6	40	22.56	56		10	145
			Acenaphthylene-d8	40	23.48	59		15	120
			4-Nitrophenol-d4	40	22.55	56		10	150
			Fluorene-d10	40	25.15	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.77	44		10	130
			Anthracene-d10	40	23.63	59		10	150
			Pyrene-d10	40	25.67	64		10	130
			Benzo(a)pyrene-d12	40	23.45	59		10	140

Surrogate Summary

SW-846

SDG No.: **BG062424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2856-05	C0SE9	BG061692.D	1,4-Dioxane-d8	8	3.46	43		15	120
			Pyridine-d5	40	12.09	30		20	120
			Phenol-d5	40	19.58	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.76	49		10	150
			2-Chlorophenol-d4	40	19.60	49		15	120
			4-Methylphenol-d8	40	21.27	53		10	140
			Nitrobenzene-d5	40	22.10	55		10	135
			2-Nitrophenol-d4	40	27.07	68		10	120
			2,4-Dichlorophenol-d3	40	21.20	53		10	140
			4-Chloroaniline-d4	40	18.67	47		1	145
			Dimethylphthalate-d6	40	22.26	56		10	145
			Acenaphthylene-d8	40	22.39	56		15	120
			4-Nitrophenol-d4	40	20.64	52		10	150
			Fluorene-d10	40	22.70	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.95	52		10	130
			Anthracene-d10	40	22.98	57		10	150
			Pyrene-d10	40	24.36	61		10	130
			Benzo(a)pyrene-d12	40	23.60	59		10	140
P2856-12	C0SH4	BG061690.D	1,4-Dioxane-d8	8	3.65	46		15	120
			Pyridine-d5	40	16.92	42		20	120
			Phenol-d5	40	20.03	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.35	51		10	150
			2-Chlorophenol-d4	40	19.53	49		15	120
			4-Methylphenol-d8	40	21.83	55		10	140
			Nitrobenzene-d5	40	23.22	58		10	135
			2-Nitrophenol-d4	40	26.32	66		10	120
			2,4-Dichlorophenol-d3	40	20.48	51		10	140
			4-Chloroaniline-d4	40	20.25	51		1	145
			Dimethylphthalate-d6	40	21.27	53		10	145
			Acenaphthylene-d8	40	21.85	55		15	120
			4-Nitrophenol-d4	40	19.57	49		10	150
			Fluorene-d10	40	22.48	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.70	44		10	130
			Anthracene-d10	40	22.00	55		10	150
			Pyrene-d10	40	23.09	58		10	130
			Benzo(a)pyrene-d12	40	22.97	57		10	140
P2856-13	C0SH5	BG061684.D	1,4-Dioxane-d8	8	3.71	46		15	120
			Pyridine-d5	40	4.71	12	*	20	120
			Phenol-d5	40	18.81	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.92	50		10	150
			2-Chlorophenol-d4	40	19.14	48		15	120
			4-Methylphenol-d8	40	21.75	54		10	140
			Nitrobenzene-d5	40	23.23	58		10	135
			2-Nitrophenol-d4	40	25.42	64		10	120
			2,4-Dichlorophenol-d3	40	20.64	52		10	140
			4-Chloroaniline-d4	40	17.12	43		1	145
			Dimethylphthalate-d6	40	21.90	55		10	145
			Acenaphthylene-d8	40	22.72	57		15	120
			4-Nitrophenol-d4	40	20.03	50		10	150

Surrogate Summary

SW-846

SDG No.: **BG062424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2856-13	C0SH5	BG061684.D	Fluorene-d10	40	23.39	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.54	49		10	130
			Anthracene-d10	40	23.19	58		10	150
			Pyrene-d10	40	24.34	61		10	130
			Benzo(a)pyrene-d12	40	23.75	59		10	140
P2856-16	C0SJ0	BG061685.D	1,4-Dioxane-d8	8	5.04	63		15	120
			Pyridine-d5	40	13.65	34		20	120
			Phenol-d5	40	26.70	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.10	65		10	150
			2-Chlorophenol-d4	40	26.38	66		15	120
			4-Methylphenol-d8	40	28.13	70		10	140
			Nitrobenzene-d5	40	27.43	69		10	135
			2-Nitrophenol-d4	40	31.77	79		10	120
			2,4-Dichlorophenol-d3	40	26.29	66		10	140
			4-Chloroaniline-d4	40	22.90	57		1	145
			Dimethylphthalate-d6	40	27.32	68		10	145
			Acenaphthylene-d8	40	28.53	71		15	120
			4-Nitrophenol-d4	40	27.33	68		10	150
			Fluorene-d10	40	29.15	73		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.39	63		10	130
			Anthracene-d10	40	28.60	71		10	150
			Pyrene-d10	40	30.04	75		10	130
			Benzo(a)pyrene-d12	40	29.28	73		10	140
			1,4-Dioxane-d8	8	4.79	60		15	120
			Pyridine-d5	40	6.42	16	*	20	120
P2856-18	C0SJ3	BG061686.D	Phenol-d5	40	24.31	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.17	63		10	150
			2-Chlorophenol-d4	40	24.88	62		15	120
			4-Methylphenol-d8	40	26.02	65		10	140
			Nitrobenzene-d5	40	29.54	74		10	135
			2-Nitrophenol-d4	40	33.02	83		10	120
			2,4-Dichlorophenol-d3	40	27.14	68		10	140
			4-Chloroaniline-d4	40	21.94	55		1	145
			Dimethylphthalate-d6	40	26.73	67		10	145
			Acenaphthylene-d8	40	27.87	70		15	120
			4-Nitrophenol-d4	40	24.80	62		10	150
			Fluorene-d10	40	28.15	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.63	62		10	130
			Anthracene-d10	40	28.60	72		10	150
			Pyrene-d10	40	29.21	73		10	130
			Benzo(a)pyrene-d12	40	29.78	74		10	140
			1,4-Dioxane-d8	8	7.51	94		15	120
			Pyridine-d5	40	30.31	76		20	120
			Phenol-d5	40	32.47	81		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.81	80		10	150
P2856-19	C0SJ5	BG061687.D	2-Chlorophenol-d4	40	32.77	82		15	120
			4-Methylphenol-d8	40	33.12	83		10	140
			Nitrobenzene-d5	40	37.51	94		10	135
			2-Nitrophenol-d4	40	43.18	108		10	120

Surrogate Summary

SW-846

SDG No.: **BG062424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2856-19	C0SJ5	BG061687.D	2,4-Dichlorophenol-d3	40	34.66	87		10	140
			4-Chloroaniline-d4	40	33.48	84		1	145
			Dimethylphthalate-d6	40	33.50	84		10	145
			Acenaphthylene-d8	40	34.98	87		15	120
			4-Nitrophenol-d4	40	34.65	87		10	150
			Fluorene-d10	40	36.80	92		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.49	71		10	130
			Anthracene-d10	40	34.81	87		10	150
			Pyrene-d10	40	36.05	90		10	130
			Benzo(a)pyrene-d12	40	35.93	90		10	140
P2856-20	C0SJ6	BG061688.D	1,4-Dioxane-d8	8	4.66	58		15	120
			Pyridine-d5	40	21.05	53		20	120
			Phenol-d5	40	26.35	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.14	65		10	150
			2-Chlorophenol-d4	40	26.11	65		15	120
			4-Methylphenol-d8	40	28.21	71		10	140
			Nitrobenzene-d5	40	30.47	76		10	135
			2-Nitrophenol-d4	40	35.51	89		10	120
			2,4-Dichlorophenol-d3	40	27.27	68		10	140
			4-Chloroaniline-d4	40	26.43	66		1	145
			Dimethylphthalate-d6	40	28.37	71		10	145
			Acenaphthylene-d8	40	29.10	73		15	120
			4-Nitrophenol-d4	40	25.51	64		10	150
			Fluorene-d10	40	29.24	73		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.00	62		10	130
			Anthracene-d10	40	29.60	74		10	150
			Pyrene-d10	40	31.44	79		10	130
P2856-21	C0SJ7	BG061689.D	Benzo(a)pyrene-d12	40	30.82	77		10	140
			1,4-Dioxane-d8	8	5.79	72		15	120
			Pyridine-d5	40	27.94	70		20	120
			Phenol-d5	40	30.91	77		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.58	79		10	150
			2-Chlorophenol-d4	40	31.64	79		15	120
			4-Methylphenol-d8	40	34.20	86		10	140
			Nitrobenzene-d5	40	35.40	89		10	135
			2-Nitrophenol-d4	40	38.00	95		10	120
			2,4-Dichlorophenol-d3	40	31.97	80		10	140
			4-Chloroaniline-d4	40	30.32	76		1	145
			Dimethylphthalate-d6	40	32.13	80		10	145
			Acenaphthylene-d8	40	33.16	83		15	120
			4-Nitrophenol-d4	40	28.89	72		10	150
			Fluorene-d10	40	33.58	84		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.72	69		10	130
			Anthracene-d10	40	32.93	82		10	150
PB161483BL	PB161483BL	BG061695.D	Pyrene-d10	40	34.48	86		10	130
			Benzo(a)pyrene-d12	40	33.40	83		10	140
			1,4-Dioxane-d8	8	5.54	69		15	120
			Pyridine-d5	40	27.57	69		20	120
		BG061669.D	Pyridine-d5	40	26.53	66		20	120

Surrogate Summary

SW-846

SDG No.: BG062424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161483BL	PB161483BL	BG061669.D	1,4-Dioxane-d8	8	5.31	66		15	120
			Phenol-d5	40	25.68	64		10	130
		BG061695.D	Phenol-d5	40	27.04	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.32	68		10	150
		BG061669.D	Bis(2-Chloroethyl)ether-d8	40	26.49	66		10	150
			2-Chlorophenol-d4	40	25.47	64		15	120
		BG061695.D	2-Chlorophenol-d4	40	26.44	66		15	120
			4-Methylphenol-d8	40	27.46	69		10	140
		BG061669.D	4-Methylphenol-d8	40	27.11	68		10	140
			Nitrobenzene-d5	40	31.80	80		10	135
		BG061695.D	Nitrobenzene-d5	40	33.01	83		10	135
			2-Nitrophenol-d4	40	36.23	91		10	120
		BG061669.D	2-Nitrophenol-d4	40	37.47	94		10	120
			2,4-Dichlorophenol-d3	40	27.73	69		10	140
		BG061695.D	2,4-Dichlorophenol-d3	40	28.79	72		10	140
			4-Chloroaniline-d4	40	27.84	70		1	145
		BG061669.D	4-Chloroaniline-d4	40	29.48	74		1	145
			Dimethylphthalate-d6	40	30.69	77		10	145
		BG061695.D	Dimethylphthalate-d6	40	29.06	73		10	145
			Acenaphthylene-d8	40	29.11	73		15	120
		BG061669.D	Acenaphthylene-d8	40	29.26	73		15	120
			4-Nitrophenol-d4	40	32.21	81		10	150
		BG061695.D	4-Nitrophenol-d4	40	30.78	77		10	150
			Fluorene-d10	40	30.54	76		20	140
		BG061669.D	Fluorene-d10	40	31.01	78		20	140
			4,6-Dinitro-2-methylphenol-d2	40	29.04	73		10	130
		BG061695.D	4,6-Dinitro-2-methylphenol-d2	40	30.97	77		10	130
			Anthracene-d10	40	29.92	75		10	150
		BG061669.D	Anthracene-d10	40	29.78	74		10	150
			Pyrene-d10	40	31.82	80		10	130
		BG061695.D	Pyrene-d10	40	30.89	77		10	130
			Benzo(a)pyrene-d12	40	30.75	77		10	140
		BG061669.D	Benzo(a)pyrene-d12	40	30.66	77		10	140
PB161483BS	PB161483BS	BG061691.D	1,4-Dioxane-d8	8	6.22	78		15	120
			Pyridine-d5	40	28.80	72		20	120
			Phenol-d5	40	34.61	87		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.36	83		10	150
			2-Chlorophenol-d4	40	33.84	85		15	120
			4-Methylphenol-d8	40	34.87	87		10	140
			Nitrobenzene-d5	40	36.69	92		10	135
			2-Nitrophenol-d4	40	42.30	106		10	120
			2,4-Dichlorophenol-d3	40	35.52	89		10	140
			4-Chloroaniline-d4	40	30.33	76		1	145
			Dimethylphthalate-d6	40	34.54	86		10	145
			Acenaphthylene-d8	40	35.40	89		15	120
			4-Nitrophenol-d4	40	37.93	95		10	150
			Fluorene-d10	40	35.81	90		20	140
			4,6-Dinitro-2-methylphenol-d2	40	43.06	108		10	130
			Anthracene-d10	40	34.01	85		10	150



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

Surrogate Summary

SW-846

SDG No.: BG062424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161483BS	PB161483BS	BG061691.D	Pyrene-d10	40	36.61	92		10	130
			Benzo(a)pyrene-d12	40	37.41	94		10	140

Surrogate Summary

SW-846

SDG No.: **BG062424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2856-17ME	C0SJ2ME	BG061680.D	Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	4.08	51		15	120
			Phenol-d5	40	22.32	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.98	62		10	150
			2-Chlorophenol-d4	40	22.62	57		15	120
			4-Methylphenol-d8	40	16.86	42		10	140
			Nitrobenzene-d5	40	28.26	71		10	135
			2-Nitrophenol-d4	40	30.61	77		10	120
			2,4-Dichlorophenol-d3	40	23.10	58		10	140
			4-Chloroaniline-d4	40	17.11	43		1	145
			Dimethylphthalate-d6	40	25.18	63		10	145
			Acenaphthylene-d8	40	25.66	64		15	120
			4-Nitrophenol-d4	40	20.71	52		10	150
			Fluorene-d10	40	25.12	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.98	55		10	130
			Anthracene-d10	40	29.03	73		10	150
			Pyrene-d10	40	27.47	69		10	130
			Benzo(a)pyrene-d12	40	20.58	51		10	140
PB161484BL	PB161484BL	BG061679.D	Pyridine-d5	40	34.13	85		20	120
			1,4-Dioxane-d8	8	6.90	86		15	120
			Phenol-d5	40	33.07	83		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.52	81		10	150
			2-Chlorophenol-d4	40	33.39	83		15	120
			4-Methylphenol-d8	40	33.42	84		10	140
			Nitrobenzene-d5	40	37.37	93		10	135
			2-Nitrophenol-d4	40	41.86	105		10	120
			2,4-Dichlorophenol-d3	40	33.60	84		10	140
			4-Chloroaniline-d4	40	32.00	80		1	145
			Dimethylphthalate-d6	40	33.29	83		10	145
			Acenaphthylene-d8	40	35.69	89		15	120
			4-Nitrophenol-d4	40	38.16	95		10	150
			Fluorene-d10	40	36.17	90		20	140
			4,6-Dinitro-2-methylphenol-d2	40	34.76	87		10	130
			Anthracene-d10	40	36.03	90		10	150
			Pyrene-d10	40	38.03	95		10	130
			Benzo(a)pyrene-d12	40	36.88	92		10	140
PB161484BS	PB161484BS	BG061693.D	1,4-Dioxane-d8	8	6.50	81		15	120
			Pyridine-d5	40	30.59	76		20	120
			Phenol-d5	40	34.44	86		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.32	83		10	150
			2-Chlorophenol-d4	40	33.26	83		15	120
			4-Methylphenol-d8	40	34.68	87		10	140
			Nitrobenzene-d5	40	35.97	90		10	135
			2-Nitrophenol-d4	40	42.65	107		10	120
			2,4-Dichlorophenol-d3	40	34.09	85		10	140
			4-Chloroaniline-d4	40	30.15	75		1	145
			Dimethylphthalate-d6	40	33.39	83		10	145
			Acenaphthylene-d8	40	33.37	83		15	120
			4-Nitrophenol-d4	40	36.13	90		10	150



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

Surrogate Summary

SW-846

SDG No.: BG062424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161484BS	PB161484BS	BG061693.D	Fluorene-d10	40	34.76	87		20	140
			4,6-Dinitro-2-methylphenol-d2	40	41.87	105		10	130
			Anthracene-d10	40	33.01	83		10	150
			Pyrene-d10	40	36.64	92		10	130
			Benzo(a)pyrene-d12	40	36.17	90		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG062424

Lab Code: CHEM

SAS No.: BG062424

SDG NO.: BG062424

Lab File ID: BG061667.D

DFTPP Injection Date: 06/24/2024

Instrument ID: BNA_G

DFTPP Injection Time: 08:56

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	50.9
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	40.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	45.7
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	28
365	Greater than 1% of mass 198	4.7
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	90.2
443	15.0 - 24.0% of mass 442	17.7 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020533	SSTDCCC020	BG061668.D	06/24/2024	09:37
SBLK483	PB161483BL	BG061669.D	06/24/2024	10:18
A4DK2	P2775-06	BG061670.D	06/24/2024	10:59
A4DK2DL	P2775-06DL	BG061671.D	06/24/2024	11:53
A4DK3	P2776-17	BG061672.D	06/24/2024	12:37
A4DK3DL	P2776-17DL	BG061673.D	06/24/2024	13:21
A4BP7DL2	P2754-08DL2	BG061674.D	06/24/2024	14:09
A4BQ3	P2775-01	BG061675.D	06/24/2024	14:50
A4BQ3MS	P2775-02MS	BG061676.D	06/24/2024	15:30
A4BQ3MSD	P2775-03MSD	BG061677.D	06/24/2024	16:11
SSTD020534	SSTDCCC020	BG061678.D	06/24/2024	16:52
SBLK484	PB161484BL	BG061679.D	06/24/2024	17:34
C0SJ2ME	P2856-17ME	BG061680.D	06/24/2024	18:14
A4CY6	P2776-01	BG061681.D	06/24/2024	18:55
A4CY6MS	P2776-02MS	BG061682.D	06/24/2024	19:36
A4CY6MSD	P2776-03MSD	BG061683.D	06/24/2024	20:17
C0SH5	P2856-13	BG061684.D	06/24/2024	20:57
C0SJ0	P2856-16	BG061685.D	06/24/2024	21:38

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG062424

Lab Code: CHEM

SAS No.: BG062424 SDG NO.: BG062424

Lab File ID: BG061667.D

DFTPP Injection Date: 06/24/2024

Instrument ID: BNA_G

DFTPP Injection Time: 08:56

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	50.9
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	40.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	45.7
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	28
365	Greater than 1% of mass 198	4.7
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	90.2
443	15.0 - 24.0% of mass 442	17.7 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
C0SJ3	P2856-18	BG061686.D	06/24/2024	22:18
C0SJ5	P2856-19	BG061687.D	06/24/2024	22:59
C0SJ6	P2856-20	BG061688.D	06/24/2024	23:39
C0SJ7	P2856-21	BG061689.D	06/25/2024	00:20
C0SH4	P2856-12	BG061690.D	06/25/2024	01:00
SLCS483	PB161483BS	BG061691.D	06/25/2024	01:40
C0SE9	P2856-05	BG061692.D	06/25/2024	02:21
SLCS484	PB161484BS	BG061693.D	06/25/2024	03:01
SSTD020535	SSTDCCC020	BG061694.D	06/25/2024	04:22
SBLK483	PB161483BL	BG061695.D	06/25/2024	05:02