

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG071124 SAS No.: BG071124 SDG No.: BG071124

Instrument ID: BNA_G Calibration Date/Time: 7/11/2024 1:12:11

Lab File ID: BG062006.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020566 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.587	0.698	0.010	18.8292	40.0
Benzaldehyde	1.158	1.346	0.010	16.1597	40.0
Pyridine	1.678	1.745	0.010	4.0017	40.0
Phenol	2.241	2.145	0.080	-4.2606	20.0
Bis(2-Chloroethyl) ether	1.721	1.513	0.100	-12.0964	20.0
2-Chlorophenol	1.530	1.549	0.200	1.2406	20.0
2-Methylphenol	1.599	1.529	0.010	-4.423	20.0
2,2-oxybis(1-Chloropropane)	3.761	3.435	0.010	-8.6655	40.0
Acetophenone	2.847	2.825	0.060	-0.7752	20.0
4-Methylphenol	1.791	1.624	0.010	-9.3041	20.0
N-Nitroso-di-n-propylamine	1.594	1.398	0.050	-12.2666	30.0
Hexachloroethane	0.664	0.727	0.100	9.4985	20.0
Nitrobenzene	0.432	0.380	0.050	-12.0759	25.0
Isophorone	0.975	0.796	0.050	-18.3547	25.0
2-Nitrophenol	0.177	0.158	0.050	-10.5867	25.0
2,4-Dimethylphenol	0.424	0.388	0.050	-8.4901	25.0
Bis(2-Chloroethoxy) methane	0.537	0.436	0.050	-18.8894	20.0
2,4-Dichlorophenol	0.315	0.291	0.060	-7.6965	20.0
Naphthalene	1.099	1.042	0.200	-5.1133	20.0
4-Chloroaniline	0.477	0.429	0.010	-10.1667	40.0
Hexachlorobutadiene	0.237	0.267	0.040	12.5898	30.0
Caprolactam	0.123	0.130	0.010	5.627	40.0
4-Chloro-3-methylphenol	0.419	0.393	0.040	-6.1595	25.0
1-Methylnaphthalene	0.827	0.736	0.100	-10.9672	20.0
2-Methylnaphthalene	0.796	0.715	0.100	-10.2107	20.0
Hexachlorocyclopentadiene	0.400	0.368	0.010	-8.0731	40.0
2,4,6-Trichlorophenol	0.399	0.408	0.090	2.3706	25.0
2,4,5-Trichlorophenol	0.438	0.428	0.100	-2.3697	25.0
1,1-Biphenyl	1.541	1.498	0.200	-2.7968	20.0
2-Chloronaphthalene	1.157	1.137	0.300	-1.6926	20.0
2-Nitroaniline	0.463	0.457	0.050	-1.4256	40.0
Dimethylphthalate	1.582	1.514	0.300	-4.2878	20.0
2,6-Dinitrotoluene	0.300	0.294	0.080	-1.8658	30.0
Acenaphthylene	1.887	1.888	0.400	0.0446	20.0
3-Nitroaniline	0.292	0.295	0.010	1.0107	40.0
Acenaphthene	1.303	1.284	0.200	-1.4288	20.0
2,4-Dinitrophenol	0.157	0.121	0.010	-22.831	40.0
4-Nitrophenol	0.300	0.326	0.010	8.8266	40.0
Dibenzofuran	1.842	1.788	0.300	-2.8935	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG071124 SAS No.: BG071124 SDG No.: BG071124

Instrument ID: BNA_G Calibration Date/Time: 7/11/2024 1:12:11

Lab File ID: BG062006.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020566 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.440	0.439	0.070	-0.1526	30.0
Diethylphthalate	1.704	1.696	0.300	-0.4697	20.0
Fluorene	1.566	1.508	0.200	-3.7195	20.0
4-Chlorophenyl-phenylether	0.787	0.795	0.100	1.0195	20.0
4-Nitroaniline	0.296	0.312	0.010	5.2455	40.0
4,6-Dinitro-2-methylphenol	0.113	0.093	0.010	-18.0618	40.0
N-Nitrosodiphenylamine	0.546	0.515	0.050	-5.6915	20.0
1,2,4,5-Tetrachlorobenzene	0.601	0.634	0.100	5.5748	20.0
4-Bromophenyl-phenylether	0.227	0.219	0.070	-3.4522	20.0
Hexachlorobenzene	0.261	0.257	0.050	-1.4323	25.0
Atrazine	0.216	0.221	0.010	2.3973	25.0
Pentachlorophenol	0.143	0.129	0.010	-10.3094	40.0
Phenanthrene	1.055	1.020	0.200	-3.3173	20.0
Pentachlorobenzene	0.283	0.274	0.050	-3.2051	20.0
Anthracene	1.090	1.040	0.200	-4.5768	20.0
1,2,3,4-Tetrachlorobenzene	0.248	0.245	0.050	-1.2521	20.0
Carbazole	0.917	0.881	0.050	-3.9193	40.0
Di-n-butylphthalate	1.178	1.144	0.500	-2.8118	25.0
Fluoranthene	1.392	1.313	0.400	-5.7201	25.0
Pyrene	1.438	1.318	0.400	-8.3776	25.0
Butylbenzylphthalate	0.604	0.569	0.100	-5.7886	40.0
3,3-Dichlorobenzidine	0.476	0.484	0.010	1.7162	40.0
Benzo (a) anthracene	1.448	1.381	0.300	-4.6062	30.0
Chrysene	1.356	1.283	0.200	-5.3473	30.0
Bis(2-ethylhexyl)phthalate	0.866	0.821	0.200	-5.2521	40.0
Di-n-octyl phthalate	1.222	1.201	0.010	-1.6876	40.0
Benzo (b) fluoranthene	1.260	1.237	0.200	-1.8647	25.0
Benzo (k) fluoranthene	1.257	1.203	0.200	-4.2866	25.0
Benzo (a) pyrene	1.193	1.134	0.200	-4.9887	20.0
Indeno (1,2,3-cd) pyrene	1.525	1.459	0.200	-4.3047	25.0
Dibenzo (a,h) anthracene	1.259	1.247	0.200	-1.0121	30.0
Benzo (g,h,i) perylene	1.213	1.174	0.200	-3.1932	30.0
2,3,4,6-Tetrachlorophenol	0.396	0.406	0.040	2.6018	20.0
1,4-Dioxane-d8	0.532	0.550	0.010	3.3471	25.0
Pyridine-d5	1.636	1.634	0.010	-0.17	40.0
Phenol-d5	2.189	1.983	0.010	-9.4179	25.0
Bis- (2-Chloroethyl) ether-d8	1.386	1.232	0.050	-11.148	25.0
2-Chlorophenol-d4	1.501	1.548	0.200	3.1022	20.0
4-Methylphenol-d8	1.723	1.647	0.010	-4.428	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BG071124 SAS No.: BG071124 SDG No.: BG071124
 Instrument ID: BNA_G Calibration Date/Time: 7/11/2024 12:11
 Lab File ID: BG062006.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020566 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.152	0.135	0.050	-11.3633	20.0
2-Nitrophenol-d4	0.174	0.157	0.050	-9.8937	30.0
2,4-Dichlorophenol-d3	0.335	0.316	0.060	-5.6388	20.0
4-Chloroaniline-d4	0.486	0.450	0.010	-7.4888	40.0
Dimethylphthalate-d6	1.644	1.569	0.300	-4.5641	20.0
Acenaphthylene-d8	1.719	1.676	0.400	-2.5365	20.0
4-Nitrophenol-d4	0.263	0.246	0.010	-6.4529	40.0
Fluorene-d10	1.384	1.372	0.100	-0.8467	20.0
4,6-Dinitro-2-methylphenol-d2	0.105	0.084	0.010	-19.7527	40.0
Anthracene-d10	0.934	0.898	0.300	-3.8373	20.0
Pyrene-d10	1.176	1.088	0.300	-7.538	25.0
Benzo(a)pyrene-d12	0.992	0.980	0.010	-1.2056	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.: BG071124 SAS No.: BG071124 SDG No.: BG071124
Instrument ID: BNA_G Calibration Date/Time: 7/11/2024 1:16:16
Lab File ID: BG062012.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020567 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.587	0.495	0.010	-15.7324	40.0
Benzaldehyde	1.158	1.234	0.010	6.5071	40.0
Pyridine	1.678	1.662	0.010	-0.9616	40.0
Phenol	2.241	1.916	0.080	-14.507	20.0
Bis(2-Chloroethyl)ether	1.721	1.450	0.100	-15.7475	20.0
2-Chlorophenol	1.530	1.390	0.200	-9.1431	20.0
2-Methylphenol	1.599	1.448	0.010	-9.4815	20.0
2,2-oxybis(1-Chloropropane)	3.761	3.217	0.010	-14.4679	40.0
Acetophenone	2.847	2.602	0.060	-8.6055	20.0
4-Methylphenol	1.791	1.600	0.010	-10.6667	20.0
N-Nitroso-di-n-propylamine	1.594	1.413	0.050	-11.3102	30.0
Hexachloroethane	0.664	0.662	0.100	-0.305	20.0
Nitrobenzene	0.432	0.460	0.050	6.5791	25.0
Isophorone	0.975	0.876	0.050	-10.1952	25.0
2-Nitrophenol	0.177	0.189	0.050	6.8598	25.0
2,4-Dimethylphenol	0.424	0.446	0.050	5.1643	25.0
Bis(2-Chloroethoxy)methane	0.537	0.470	0.050	-12.4933	20.0
2,4-Dichlorophenol	0.315	0.320	0.060	1.5403	20.0
Naphthalene	1.099	1.096	0.200	-0.2	20.0
4-Chloroaniline	0.477	0.468	0.010	-1.9025	40.0
Hexachlorobutadiene	0.237	0.268	0.040	13.2455	30.0
Caprolactam	0.123	0.118	0.010	-4.659	40.0
4-Chloro-3-methylphenol	0.419	0.439	0.040	4.746	25.0
1-Methylnaphthalene	0.827	0.833	0.100	0.7228	20.0
2-Methylnaphthalene	0.796	0.782	0.100	-1.7242	20.0
Hexachlorocyclopentadiene	0.400	0.367	0.010	-8.1688	40.0
2,4,6-Trichlorophenol	0.399	0.398	0.090	-0.1415	25.0
2,4,5-Trichlorophenol	0.438	0.430	0.100	-1.889	25.0
1,1-Biphenyl	1.541	1.407	0.200	-8.7253	20.0
2-Chloronaphthalene	1.157	1.105	0.300	-4.4139	20.0
2-Nitroaniline	0.463	0.475	0.050	2.6026	40.0
Dimethylphthalate	1.582	1.499	0.300	-5.2333	20.0
2,6-Dinitrotoluene	0.300	0.295	0.080	-1.5505	30.0
Acenaphthylene	1.887	1.811	0.400	-4.0068	20.0
3-Nitroaniline	0.292	0.294	0.010	0.5831	40.0
Acenaphthene	1.303	1.271	0.200	-2.4456	20.0
2,4-Dinitrophenol	0.157	0.152	0.010	-2.9874	40.0
4-Nitrophenol	0.300	0.311	0.010	3.9282	40.0
Dibenzofuran	1.842	1.735	0.300	-5.8026	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG071124 SAS No.: BG071124 SDG No.: BG071124

Instrument ID: BNA_G Calibration Date/Time: 7/11/2024 1:16:16

Lab File ID: BG062012.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020567 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.440	0.467	0.070	6.1087	30.0
Diethylphthalate	1.704	1.662	0.300	-2.4644	20.0
Fluorene	1.566	1.558	0.200	-0.5472	20.0
4-Chlorophenyl-phenylether	0.787	0.784	0.100	-0.3539	20.0
4-Nitroaniline	0.296	0.305	0.010	2.8124	40.0
4,6-Dinitro-2-methylphenol	0.113	0.106	0.010	-6.1316	40.0
N-Nitrosodiphenylamine	0.546	0.502	0.050	-8.0297	20.0
1,2,4,5-Tetrachlorobenzene	0.601	0.587	0.100	-2.2633	20.0
4-Bromophenyl-phenylether	0.227	0.217	0.070	-4.1694	20.0
Hexachlorobenzene	0.261	0.263	0.050	0.7442	25.0
Atrazine	0.216	0.219	0.010	1.7815	25.0
Pentachlorophenol	0.143	0.136	0.010	-4.8769	40.0
Phenanthrene	1.055	1.001	0.200	-5.0557	20.0
Pentachlorobenzene	0.283	0.283	0.050	-0.2453	20.0
Anthracene	1.090	1.038	0.200	-4.7202	20.0
1,2,3,4-Tetrachlorobenzene	0.248	0.230	0.050	-7.5349	20.0
Carbazole	0.917	0.888	0.050	-3.2094	40.0
Di-n-butylphthalate	1.178	1.124	0.500	-4.583	25.0
Fluoranthene	1.392	1.298	0.400	-6.7917	25.0
Pyrene	1.438	1.321	0.400	-8.1258	25.0
Butylbenzylphthalate	0.604	0.545	0.100	-9.7734	40.0
3,3-Dichlorobenzidine	0.476	0.498	0.010	4.7659	40.0
Benzo (a) anthracene	1.448	1.363	0.300	-5.8494	30.0
Chrysene	1.356	1.269	0.200	-6.3897	30.0
Bis (2-ethylhexyl) phthalate	0.866	0.804	0.200	-7.1513	40.0
Di-n-octyl phthalate	1.222	1.223	0.010	0.0868	40.0
Benzo (b) fluoranthene	1.260	1.242	0.200	-1.4362	25.0
Benzo (k) fluoranthene	1.257	1.171	0.200	-6.8196	25.0
Benzo (a) pyrene	1.193	1.155	0.200	-3.2025	20.0
Indeno (1,2,3-cd) pyrene	1.525	1.458	0.200	-4.3627	25.0
Dibenzo (a,h) anthracene	1.259	1.253	0.200	-0.5375	30.0
Benzo (g,h,i) perylene	1.213	1.186	0.200	-2.239	30.0
2,3,4,6-Tetrachlorophenol	0.396	0.398	0.040	0.576	20.0
1,4-Dioxane-d8	0.532	0.506	0.010	-4.8487	25.0
Pyridine-d5	1.636	1.603	0.010	-2.0435	40.0
Phenol-d5	2.189	1.882	0.010	-14.0158	25.0
Bis- (2-Chloroethyl) ether-d8	1.386	1.156	0.050	-16.6122	25.0
2-Chlorophenol-d4	1.501	1.442	0.200	-3.9663	20.0
4-Methylphenol-d8	1.723	1.552	0.010	-9.921	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG071124 SAS No.: BG071124 SDG No.: BG071124

Instrument ID: BNA_G Calibration Date/Time: 7/11/2024 1:16:16

Lab File ID: BG062012.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020567 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.152	0.135	0.050	-11.2014	20.0
2-Nitrophenol-d4	0.174	0.189	0.050	8.9688	30.0
2,4-Dichlorophenol-d3	0.335	0.370	0.060	10.3526	20.0
4-Chloroaniline-d4	0.486	0.493	0.010	1.4536	40.0
Dimethylphthalate-d6	1.644	1.534	0.300	-6.7215	20.0
Acenaphthylene-d8	1.719	1.682	0.400	-2.1907	20.0
4-Nitrophenol-d4	0.263	0.251	0.010	-4.5879	40.0
Fluorene-d10	1.384	1.362	0.100	-1.6389	20.0
4,6-Dinitro-2-methylphenol-d2	0.105	0.097	0.010	-7.2018	40.0
Anthracene-d10	0.934	0.875	0.300	-6.3327	20.0
Pyrene-d10	1.176	1.090	0.300	-7.3523	25.0
Benzo(a)pyrene-d12	0.992	0.979	0.010	-1.2506	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.: BG071124 SAS No.: BG071124 SDG No.: BG071124

Instrument ID: BNA_G Calibration Date/Time: 7/12/2024 1:03:58

Lab File ID: BG062028.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020568 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.587	0.584	0.010	-0.6503	40.0
Benzaldehyde	1.158	1.244	0.010	7.3834	40.0
Pyridine	1.678	1.568	0.010	-6.5871	40.0
Phenol	2.241	2.104	0.080	-6.1248	20.0
Bis(2-Chloroethyl) ether	1.721	1.454	0.100	-15.5647	20.0
2-Chlorophenol	1.530	1.515	0.200	-0.9792	20.0
2-Methylphenol	1.599	1.466	0.010	-8.354	20.0
2,2-oxybis(1-Chloropropane)	3.761	3.123	0.010	-16.9723	40.0
Acetophenone	2.847	2.531	0.060	-11.0986	20.0
4-Methylphenol	1.791	1.645	0.010	-8.159	20.0
N-Nitroso-di-n-propylamine	1.594	1.314	0.050	-17.556	30.0
Hexachloroethane	0.664	0.648	0.100	-2.3162	20.0
Nitrobenzene	0.432	0.450	0.050	4.1833	25.0
Isophorone	0.975	0.813	0.050	-16.6319	25.0
2-Nitrophenol	0.177	0.178	0.050	0.2913	25.0
2,4-Dimethylphenol	0.424	0.427	0.050	0.8314	25.0
Bis(2-Chloroethoxy) methane	0.537	0.456	0.050	-15.1107	20.0
2,4-Dichlorophenol	0.315	0.328	0.060	4.2608	20.0
Naphthalene	1.099	1.084	0.200	-1.2952	20.0
4-Chloroaniline	0.477	0.444	0.010	-7.0223	40.0
Hexachlorobutadiene	0.237	0.260	0.040	9.8607	30.0
Caprolactam	0.123	0.114	0.010	-7.2412	40.0
4-Chloro-3-methylphenol	0.419	0.418	0.040	-0.3833	25.0
1-Methylnaphthalene	0.827	0.783	0.100	-5.2973	20.0
2-Methylnaphthalene	0.796	0.751	0.100	-5.6951	20.0
Hexachlorocyclopentadiene	0.400	0.333	0.010	-16.8098	40.0
2,4,6-Trichlorophenol	0.399	0.393	0.090	-1.5235	25.0
2,4,5-Trichlorophenol	0.438	0.420	0.100	-4.1573	25.0
1,1-Biphenyl	1.541	1.461	0.200	-5.2029	20.0
2-Chloronaphthalene	1.157	1.125	0.300	-2.7135	20.0
2-Nitroaniline	0.463	0.492	0.050	6.1409	40.0
Dimethylphthalate	1.582	1.462	0.300	-7.5443	20.0
2,6-Dinitrotoluene	0.300	0.306	0.080	2.0893	30.0
Acenaphthylene	1.887	1.822	0.400	-3.4324	20.0
3-Nitroaniline	0.292	0.289	0.010	-1.0387	40.0
Acenaphthene	1.303	1.274	0.200	-2.1949	20.0
2,4-Dinitrophenol	0.157	0.163	0.010	4.0606	40.0
4-Nitrophenol	0.300	0.316	0.010	5.5289	40.0
Dibenzofuran	1.842	1.775	0.300	-3.6259	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG071124 SAS No.: BG071124 SDG No.: BG071124
Instrument ID: BNA_G Calibration Date/Time: 7/12/2024 1:03:58
Lab File ID: BG062028.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020568 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.440	0.448	0.070	1.8002	30.0
Diethylphthalate	1.704	1.533	0.300	-10.0506	20.0
Fluorene	1.566	1.512	0.200	-3.4651	20.0
4-Chlorophenyl-phenylether	0.787	0.758	0.100	-3.6724	20.0
4-Nitroaniline	0.296	0.302	0.010	1.8465	40.0
4,6-Dinitro-2-methylphenol	0.113	0.110	0.010	-2.4881	40.0
N-Nitrosodiphenylamine	0.546	0.526	0.050	-3.7722	20.0
1,2,4,5-Tetrachlorobenzene	0.601	0.629	0.100	4.7218	20.0
4-Bromophenyl-phenylether	0.227	0.231	0.070	1.8585	20.0
Hexachlorobenzene	0.261	0.277	0.050	6.2273	25.0
Atrazine	0.216	0.223	0.010	3.4909	25.0
Pentachlorophenol	0.143	0.141	0.010	-1.9179	40.0
Phenanthrene	1.055	1.011	0.200	-4.1609	20.0
Pentachlorobenzene	0.283	0.296	0.050	4.5851	20.0
Anthracene	1.090	1.027	0.200	-5.7241	20.0
1,2,3,4-Tetrachlorobenzene	0.248	0.261	0.050	5.2103	20.0
Carbazole	0.917	0.884	0.050	-3.5907	40.0
Di-n-butylphthalate	1.178	1.116	0.500	-5.2076	25.0
Fluoranthene	1.392	1.281	0.400	-7.9533	25.0
Pyrene	1.438	1.305	0.400	-9.2745	25.0
Butylbenzylphthalate	0.604	0.561	0.100	-7.1223	40.0
3,3-Dichlorobenzidine	0.476	0.519	0.010	9.1587	40.0
Benzo (a) anthracene	1.448	1.394	0.300	-3.7188	30.0
Chrysene	1.356	1.295	0.200	-4.4971	30.0
Bis (2-ethylhexyl) phthalate	0.866	0.808	0.200	-6.7516	40.0
Di-n-octyl phthalate	1.222	1.193	0.010	-2.3856	40.0
Benzo (b) fluoranthene	1.260	1.183	0.200	-6.1223	25.0
Benzo (k) fluoranthene	1.257	1.240	0.200	-1.2983	25.0
Benzo (a) pyrene	1.193	1.149	0.200	-3.7382	20.0
Indeno (1,2,3-cd) pyrene	1.525	1.462	0.200	-4.0871	25.0
Dibenzo (a,h) anthracene	1.259	1.236	0.200	-1.8586	30.0
Benzo (g,h,i) perylene	1.213	1.164	0.200	-4.0208	30.0
2,3,4,6-Tetrachlorophenol	0.396	0.392	0.040	-1.0397	20.0
1,4-Dioxane-d8	0.532	0.509	0.010	-4.4239	25.0
Pyridine-d5	1.636	1.466	0.010	-10.4249	40.0
Phenol-d5	2.189	2.051	0.010	-6.2962	25.0
Bis- (2-Chloroethyl) ether-d8	1.386	1.191	0.050	-14.0534	25.0
2-Chlorophenol-d4	1.501	1.510	0.200	0.5632	20.0
4-Methylphenol-d8	1.723	1.628	0.010	-5.532	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BG071124 SAS No.: BG071124 SDG No.: BG071124
 Instrument ID: BNA_G Calibration Date/Time: 7/12/2024 1:03:58
 Lab File ID: BG062028.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020568 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.152	0.148	0.050	-2.4535	20.0
2-Nitrophenol-d4	0.174	0.182	0.050	4.5907	30.0
2,4-Dichlorophenol-d3	0.335	0.364	0.060	8.5592	20.0
4-Chloroaniline-d4	0.486	0.454	0.010	-6.6443	40.0
Dimethylphthalate-d6	1.644	1.508	0.300	-8.2772	20.0
Acenaphthylene-d8	1.719	1.729	0.400	0.5724	20.0
4-Nitrophenol-d4	0.263	0.223	0.010	-15.1407	40.0
Fluorene-d10	1.384	1.323	0.100	-4.3953	20.0
4,6-Dinitro-2-methylphenol-d2	0.105	0.112	0.010	6.762	40.0
Anthracene-d10	0.934	0.881	0.300	-5.6707	20.0
Pyrene-d10	1.176	1.085	0.300	-7.7911	25.0
Benzo(a)pyrene-d12	0.992	0.971	0.010	-2.1372	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	7/5/2024 12:00:00 AM
Project:		Date Received:	7/5/2024 12:00:00 AM
Client Sample ID:	SBLK928	SDG No.:	BG071124
Lab Sample ID:	PB161928BL	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
BG062007.D	1	7/5/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161928

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:	7/5/2024 12:00:00 AM
Project:		Date Received:	7/5/2024 12:00:00 AM
Client Sample ID:	SBLK928	SDG No.:	BG071124
Lab Sample ID:	PB161928BL	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
BG062007.D	1	7/5/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161928

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:	7/5/2024 12:00:00 AM
Project:		Date Received:	7/5/2024 12:00:00 AM
Client Sample ID:	SBLK928	SDG No.:	BG071124
Lab Sample ID:	PB161928BL	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
BG062007.D	1	7/5/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161928

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	6.366		15-120		80	SPK: -8
7291-22-7	Pyridine-d5	26.995		20-120		67	SPK: -40
4165-62-2	Phenol-d5	28.649		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.497		10-150		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.324		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	27.182		10-140		68	SPK: -40
4165-60-0	Nitrobenzene-d5	30.764		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.396		10-120		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.064		10-140		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.378		1-145		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.795		10-145		79	SPK: -40
93951-97-4	Acenaphthylene-d8	31.846		15-120		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.27		10-150		76	SPK: -40
81103-79-9	Fluorene-d10	32.219		20-140		81	SPK: -40

Report of Analysis

Client:		Date Collected:	7/5/2024 12:00:00 AM
Project:		Date Received:	7/5/2024 12:00:00 AM
Client Sample ID:	SBLK928	SDG No.:	BG071124
Lab Sample ID:	PB161928BL	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
BG062007.D	1	7/5/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.977		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	31.309		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	31.398		10-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.767		10-140		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	36274	8.042				
1146-65-2	Naphthalene-d8	174531	10.851				
15067-26-2	Acenaphthene-d10	127876	14.67				
1517-22-2	Phenanthrene-d10	333151	17.414				
1719-03-5	Chrysene-d12	316514	21.673				
1520-96-3	Perylene-d12	384498	24.881				
TENTATIVE IDENTIFIED COMPOUNDS							
035599-77-0	Tridecane, 1-iodo-	160	J			21.315	
	(DEL) Alkane: Straight-Chain	21.855	J			21.855	
	(DEL) Alkane: Straight-Chain	22.461	J			22.461	
	(DEL) Alkane: Straight-Chain	23.148	J			23.148	
E966796	Total Alkanes	430				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/5/2024 12:00:00 AM
Project:		Date Received:	7/5/2024 12:00:00 AM
Client Sample ID:	SLCS928	SDG No.:	BG071124
Lab Sample ID:	PB161928BS	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
BG062008.D	1	7/5/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	510		27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1100		58	82.5	330	ug/Kg
110-86-1	Pyridine	1100		77	170	330	ug/Kg
108-95-2	Phenol	1000		30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	950		29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1100		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1000		31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	910		40	82.5	330	ug/Kg
98-86-2	Acetophenone	990		66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	990		53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	940		79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1100		61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1100		64	42.5	170	ug/Kg
78-59-1	Isophorone	990		66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1200		60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	960		32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	980		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	960		36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1200		35	42.5	170	ug/Kg
105-60-2	Caprolactam	1200		64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	1100		24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1100		32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	730		97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/5/2024 12:00:00 AM
Project:		Date Received:	7/5/2024 12:00:00 AM
Client Sample ID:	SLCS928	SDG No.:	BG071124
Lab Sample ID:	PB161928BS	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
BG062008.D	1	7/5/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100		26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1100		33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1200		45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	1100		30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1100		29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1200		66	82.5	330	ug/Kg
83-32-9	Acenaphthene	1100		26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	850		130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1300		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1100		27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		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	1100		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1400		24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1100		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	1100		26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1200		28	42.5	170	ug/Kg
1912-24-9	Atrazine	170	J	28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	790		88	82.5	330	ug/Kg
85-01-8	Phenanthrene	1100		27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1100		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	1100		17	42.5	170	ug/Kg
86-74-8	Carbazole	1200		34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1200		27	42.5	170	ug/Kg
206-44-0	Fluoranthene	1100		19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/5/2024 12:00:00 AM
Project:		Date Received:	7/5/2024 12:00:00 AM
Client Sample ID:	SLCS928	SDG No.:	BG071124
Lab Sample ID:	PB161928BS	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
BG062008.D	1	7/5/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1100		22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1100		23	42.5	170	ug/Kg
218-01-9	Chrysene	1100		24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		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	1100		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	1200		32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	9.674	*	15-120		121	SPK: -8
7291-22-7	Pyridine-d5	33.979		20-120		85	SPK: -40
4165-62-2	Phenol-d5	29.862		10-130		75	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.79		10-150		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.123		15-120		78	SPK: -40
190780-66-6	4-Methylphenol-d8	29.603		10-140		74	SPK: -40
4165-60-0	Nitrobenzene-d5	33.785		10-135		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.01		10-120		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.366		10-140		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.568		1-145		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.253		10-145		83	SPK: -40
93951-97-4	Acenaphthylene-d8	33.87		15-120		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	35.317		10-150		88	SPK: -40
81103-79-9	Fluorene-d10	34.642		20-140		87	SPK: -40

Report of Analysis

Client:		Date Collected:	7/5/2024 12:00:00 AM
Project:		Date Received:	7/5/2024 12:00:00 AM
Client Sample ID:	SLCS928	SDG No.:	BG071124
Lab Sample ID:	PB161928BS	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
BG062008.D	1	7/5/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.516		10-130		81	SPK: -40
1719-06-8	Anthracene-d10	33.27		10-150		83	SPK: -40
1718-52-1	Pyrene-d10	33.951		10-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.26		10-140		88	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	34693	8.042				
1146-65-2	Naphthalene-d8	161720	10.85				
15067-26-2	Acenaphthene-d10	120746	14.669				
1517-22-2	Phenanthrene-d10	302571	17.413				
1719-03-5	Chrysene-d12	283682	21.673				
1520-96-3	Perylene-d12	333235	24.875				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SBLK824	SDG No.:	BG071124
Lab Sample ID:	PB161824BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062009.D	1	6/27/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SBLK824	SDG No.:	BG071124
Lab Sample ID:	PB161824BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062009.D	1	6/27/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SBLK824	SDG No.:	BG071124
Lab Sample ID:	PB161824BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062009.D	1	6/27/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.507		15-120		81	SPK: -8
7291-22-7	Pyridine-d5	24.492		20-120		61	SPK: -40
4165-62-2	Phenol-d5	24.873		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.907		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.27		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	25.517		25-125		64	SPK: -40
4165-60-0	Nitrobenzene-d5	24.948		20-125		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.786		20-130		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.467		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.021		1-146		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.754		25-130		69	SPK: -40
93951-97-4	Acenaphthylene-d8	26.98		10-130		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.484		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	28.051		25-125		70	SPK: -40

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SBLK824	SDG No.:	BG071124
Lab Sample ID:	PB161824BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062009.D	1	6/27/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.141		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	26.911		25-130		67	SPK: -40
1718-52-1	Pyrene-d10	27.044		15-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.136		20-130		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	35558	8.041				
1146-65-2	Naphthalene-d8	187050	10.85				
15067-26-2	Acenaphthene-d10	151557	14.669				
1517-22-2	Phenanthrene-d10	353295	17.413				
1719-03-5	Chrysene-d12	332815	21.673				
1520-96-3	Perylene-d12	373811	24.875				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain	21.308	3.3	J		21.308	
	(DEL) Alkane: Straight-Chain	21.855	4.6	J		21.855	
	(DEL) Alkane: Straight-Chain	22.460	4.2	J		22.46	
	(DEL) Alkane: Straight-Chain	23.147	2.8	J		23.147	
	(DEL) Alkane: Straight-Chain	23.946	2.1	J		23.946	
E966796	Total Alkanes	17				99	ug/L

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CZ3	SDG No.:	BG071124
Lab Sample ID:	P3088-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062010.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	35	U	35	8.7	88	ug/Kg
100-52-7	Benzaldehyde	76	U	76	110	430	ug/Kg
110-86-1	Pyridine	100	U	100	220	430	ug/Kg
108-95-2	Phenol	39	U	39	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	110	430	ug/Kg
95-57-8	2-Chlorophenol	37	U	37	55.8	220	ug/Kg
95-48-7	2-Methylphenol	41	U	41	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	53	U	53	110	430	ug/Kg
98-86-2	Acetophenone	87	U	87	110	430	ug/Kg
106-44-5	4-Methylphenol	70	U	70	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	55.8	220	ug/Kg
67-72-1	Hexachloroethane	80	U	80	55.8	220	ug/Kg
98-95-3	Nitrobenzene	84	U	84	55.8	220	ug/Kg
78-59-1	Isophorone	87	U	87	55.8	220	ug/Kg
88-75-5	2-Nitrophenol	79	U	79	55.8	220	ug/Kg
105-67-9	2,4-Dimethylphenol	42	U	42	55.8	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	59	U	59	55.8	220	ug/Kg
120-83-2	2,4-Dichlorophenol	50	U	50	55.8	220	ug/Kg
91-20-3	Naphthalene	32	U	32	55.8	220	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	55.8	430	ug/Kg
87-68-3	Hexachlorobutadiene	46	U	46	55.8	220	ug/Kg
105-60-2	Caprolactam	84	U	84	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	55.8	220	ug/Kg
90-12-0	1-Methylnaphthalene	32	U	32	55.8	220	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	55.8	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	32	U	32	55.8	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	55.8	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CZ3	SDG No.:	BG071124
Lab Sample ID:	P3088-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062010.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	55.8	220	ug/Kg
91-58-7	2-Chloronaphthalene	43	U	43	55.8	220	ug/Kg
88-74-4	2-Nitroaniline	59	U	59	55.8	220	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	55.8	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	55.8	220	ug/Kg
208-96-8	Acenaphthylene	38	U	38	55.8	220	ug/Kg
99-09-2	3-Nitroaniline	87	U	87	110	430	ug/Kg
83-32-9	Acenaphthene	34	U	34	55.8	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	430	ug/Kg
100-02-7	4-Nitrophenol	58	U	58	110	430	ug/Kg
132-64-9	Dibenzofuran	35	U	35	55.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	46	U	46	55.8	220	ug/Kg
84-66-2	Diethylphthalate	43	U	43	55.8	220	ug/Kg
86-73-7	Fluorene	35	U	35	55.8	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	55.8	220	ug/Kg
100-01-6	4-Nitroaniline	32	U	32	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	50	U	50	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	32	U	32	55.8	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	55.8	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	55.8	220	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	55.8	220	ug/Kg
1912-24-9	Atrazine	37	U	37	110	430	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	110	430	ug/Kg
85-01-8	Phenanthrene	35	U	35	55.8	220	ug/Kg
608-93-5	Pentachlorobenzene	49	U	49	55.8	220	ug/Kg
120-12-7	Anthracene	33	U	33	55.8	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	55.8	220	ug/Kg
86-74-8	Carbazole	45	U	45	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	35	U	35	55.8	220	ug/Kg
206-44-0	Fluoranthene	25	U	25	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CZ3	SDG No.:	BG071124
Lab Sample ID:	P3088-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062010.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	24	U	24	55.8	220	ug/Kg
85-68-7	Butylbenzylphthalate	29	U	29	55.8	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68	U	68	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	30	U	30	55.8	220	ug/Kg
218-01-9	Chrysene	32	U	32	55.8	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	33	U	33	55.8	220	ug/Kg
117-84-0	Di-n-octyl phthalate	63	U	63	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	U	49	55.8	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	50	U	50	55.8	220	ug/Kg
50-32-8	Benzo(a)pyrene	41	U	41	55.8	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	55.8	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	55.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	55.8	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	55.8	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.872		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	18.249		20-120		46	SPK: -40
4165-62-2	Phenol-d5	21.795		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.55		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.297		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	22.136		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	27.295		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.817		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.62		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.6		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.983		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	25.586		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.797		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	26.461		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CZ3	SDG No.:	BG071124
Lab Sample ID:	P3088-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062010.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.519		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	25.264		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	26.177		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.182		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	47823	8.034				
1146-65-2	Naphthalene-d8	199335	10.849				
15067-26-2	Acenaphthene-d10	171260	14.668				
1517-22-2	Phenanthrene-d10	438079	17.412				
1719-03-5	Chrysene-d12	392563	21.671				
1520-96-3	Perylene-d12	474743	24.879				
TENTATIVE IDENTIFIED COMPOUNDS							
000127-00-4	2-Propanol, 1-chloro-	96	J			3.71	
1000342-70-4	1-Octadecanesulphonyl chloride	200	J			21.313	
	(DEL) Alkane: Straight-Chain	21.854	J			21.854	
	(DEL) Alkane: Straight-Chain	22.459	J			22.459	
	(DEL) Alkane: Straight-Chain	23.146	J			23.146	
E966796	Total Alkanes	560				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CZ4	SDG No.:	BG071124
Lab Sample ID:	P3088-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.7
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
BG062011.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8	81	ug/Kg
100-52-7	Benzaldehyde	130	J	70	99.9	400	ug/Kg
110-86-1	Pyridine	93	U	93	200	400	ug/Kg
108-95-2	Phenol	36	U	36	99.9	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	99.9	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.5	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	99.9	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	99.9	400	ug/Kg
98-86-2	Acetophenone	80	U	80	99.9	400	ug/Kg
106-44-5	4-Methylphenol	64	U	64	99.9	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	96	U	96	51.5	210	ug/Kg
67-72-1	Hexachloroethane	74	U	74	51.5	210	ug/Kg
98-95-3	Nitrobenzene	78	U	78	51.5	210	ug/Kg
78-59-1	Isophorone	80	U	80	51.5	210	ug/Kg
88-75-5	2-Nitrophenol	73	U	73	51.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	51.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	51.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	51.5	210	ug/Kg
91-20-3	Naphthalene	29	U	29	51.5	210	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	51.5	400	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	51.5	210	ug/Kg
105-60-2	Caprolactam	78	U	78	99.9	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	51.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	51.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	51.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	99.9	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	51.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	51.5	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CZ4	SDG No.:	BG071124
Lab Sample ID:	P3088-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.7
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
BG062011.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	51.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	51.5	210	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	51.5	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	51.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	51.5	210	ug/Kg
208-96-8	Acenaphthylene	35	U	35	51.5	210	ug/Kg
99-09-2	3-Nitroaniline	80	U	80	99.9	400	ug/Kg
83-32-9	Acenaphthene	31	U	31	51.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	99.9	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	99.9	400	ug/Kg
132-64-9	Dibenzofuran	33	U	33	51.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	51.5	210	ug/Kg
84-66-2	Diethylphthalate	40	U	40	51.5	210	ug/Kg
86-73-7	Fluorene	33	U	33	51.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.5	210	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	99.9	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	99.9	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	51.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	51.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	51.5	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	51.5	210	ug/Kg
1912-24-9	Atrazine	34	U	34	99.9	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	99.9	400	ug/Kg
85-01-8	Phenanthrene	33	U	33	51.5	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	51.5	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	51.5	210	ug/Kg
86-74-8	Carbazole	41	U	41	99.9	400	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	51.5	210	ug/Kg
206-44-0	Fluoranthene	23	U	23	99.9	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CZ4	SDG No.:	BG071124
Lab Sample ID:	P3088-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.7
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
BG062011.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	22	U	22	51.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	51.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	99.9	400	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	51.5	210	ug/Kg
218-01-9	Chrysene	29	U	29	51.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	51.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	58	U	58	99.9	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	45	U	45	51.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	51.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	51.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	51.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	51.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	51.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.066		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	2.378	*	20-120		6	SPK: -40
4165-62-2	Phenol-d5	17.261		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.669		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.662		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	16.979		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	24.908		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.095		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.18		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.816		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.138		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	24.122		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.572		10-150		39	SPK: -40
81103-79-9	Fluorene-d10	25.392		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CZ4	SDG No.:	BG071124
Lab Sample ID:	P3088-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.7
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
BG062011.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.387		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	23.864		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	24.22		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.358		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45300	8.04				
1146-65-2	Naphthalene-d8	184620	10.849				
15067-26-2	Acenaphthene-d10	153012	14.668				
1517-22-2	Phenanthrene-d10	406819	17.412				
1719-03-5	Chrysene-d12	383912	21.672				
1520-96-3	Perylene-d12	458688	24.874				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.583	
	(DEL) Alkane: Straight-Chain	21.313	J			21.313	
	(DEL) Alkane: Straight-Chain	21.854	J			21.854	
	(DEL) Alkane: Straight-Chain	22.459	J			22.459	
	(DEL) Alkane: Straight-Chain	23.146	J			23.146	
	(DEL) Alkane: Straight-Chain	23.951	J			23.951	
E966796	Total Alkanes	700				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	SBLK883	SDG No.:	BG071124
Lab Sample ID:	PB161883BL	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
BG062013.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

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
110-86-1	Pyridine	77	U	77	170	330	ug/Kg
100-52-7	Benzaldehyde	58	U	58	82.5	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:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	SBLK883	SDG No.:	BG071124
Lab Sample ID:	PB161883BL	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
BG062013.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

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:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	SBLK883	SDG No.:	BG071124
Lab Sample ID:	PB161883BL	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
BG062013.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

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	6.108		15-120		76	SPK: -8
7291-22-7	Pyridine-d5	26.264		20-120		66	SPK: -40
4165-62-2	Phenol-d5	26.136		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.424		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.07		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	26.975		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	32.528		10-135		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.76		10-120		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.005		10-140		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.893		1-145		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.575		10-145		79	SPK: -40
93951-97-4	Acenaphthylene-d8	31.631		15-120		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.564		10-150		76	SPK: -40
81103-79-9	Fluorene-d10	32.237		20-140		81	SPK: -40

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	SBLK883	SDG No.:	BG071124
Lab Sample ID:	PB161883BL	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
BG062013.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.581		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	31.018		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	31.603		10-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.656		10-140		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	47656	8.038				
1146-65-2	Naphthalene-d8	212329	10.852				
15067-26-2	Acenaphthene-d10	140103	14.671				
1517-22-2	Phenanthrene-d10	363338	17.415				
1719-03-5	Chrysene-d12	381018	21.669				
1520-96-3	Perylene-d12	456523	24.877				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain	21.857	130	J		21.857	
	(DEL) Alkane: Straight-Chain	22.462	150	J		22.462	
	(DEL) Alkane: Straight-Chain	23.149	120	J		23.149	
	(DEL) Alkane: Straight-Chain	23.948	81	J		23.948	
E966796	Total Alkanes	480				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SBLK825	SDG No.:	BG071124
Lab Sample ID:	PB161825BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062014.D	1	6/27/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SBLK825	SDG No.:	BG071124
Lab Sample ID:	PB161825BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062014.D	1	6/27/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SBLK825	SDG No.:	BG071124
Lab Sample ID:	PB161825BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062014.D	1	6/27/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.247		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	23.98		20-120		60	SPK: -40
4165-62-2	Phenol-d5	25.405		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.791		25-120		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.75		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	24.499		25-125		61	SPK: -40
4165-60-0	Nitrobenzene-d5	29.919		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.847		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.601		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.425		1-146		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.905		25-130		67	SPK: -40
93951-97-4	Acenaphthylene-d8	27.063		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.163		10-150		65	SPK: -40
81103-79-9	Fluorene-d10	28.266		25-125		71	SPK: -40

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SBLK825	SDG No.:	BG071124
Lab Sample ID:	PB161825BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062014.D	1	6/27/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.392		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	27.048		25-130		68	SPK: -40
1718-52-1	Pyrene-d10	27.732		15-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.406		20-130		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	46774	8.041				
1146-65-2	Naphthalene-d8	220143	10.85				
15067-26-2	Acenaphthene-d10	174470	14.674				
1517-22-2	Phenanthrene-d10	460000	17.412				
1719-03-5	Chrysene-d12	429448	21.672				
1520-96-3	Perylene-d12	489165	24.874				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain	21.854	2.2	J		21.854	
	(DEL) Alkane: Straight-Chain	22.459	2.8	J		22.459	
	(DEL) Alkane: Straight-Chain	23.147	2.5	J		23.147	
E966796	Total Alkanes		7.5			99	ug/L

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CZ2	SDG No.:	BG071124
Lab Sample ID:	P3125-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062015.D	1	7/5/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	39	U	39	9.4	95	ug/Kg
100-52-7	Benzaldehyde	83	U	83	120	470	ug/Kg
110-86-1	Pyridine	110	U	110	240	470	ug/Kg
108-95-2	Phenol	43	U	43	120	470	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	120	470	ug/Kg
95-57-8	2-Chlorophenol	40	U	40	60.7	240	ug/Kg
95-48-7	2-Methylphenol	44	U	44	120	470	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57	U	57	120	470	ug/Kg
98-86-2	Acetophenone	94	U	94	120	470	ug/Kg
106-44-5	4-Methylphenol	76	U	76	120	470	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	60.7	240	ug/Kg
67-72-1	Hexachloroethane	87	U	87	60.7	240	ug/Kg
98-95-3	Nitrobenzene	91	U	91	60.7	240	ug/Kg
78-59-1	Isophorone	94	U	94	60.7	240	ug/Kg
88-75-5	2-Nitrophenol	86	U	86	60.7	240	ug/Kg
105-67-9	2,4-Dimethylphenol	46	U	46	60.7	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	64	U	64	60.7	240	ug/Kg
120-83-2	2,4-Dichlorophenol	54	U	54	60.7	240	ug/Kg
91-20-3	Naphthalene	34	U	34	60.7	240	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	60.7	470	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	60.7	240	ug/Kg
105-60-2	Caprolactam	91	U	91	120	470	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	59	60.7	240	ug/Kg
90-12-0	1-Methylnaphthalene	34	U	34	60.7	240	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	60.7	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	120	470	ug/Kg
88-06-2	2,4,6-Trichlorophenol	34	U	34	60.7	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	60.7	240	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CZ2	SDG No.:	BG071124
Lab Sample ID:	P3125-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30
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
BG062015.D	1	7/5/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	37	U	37	60.7	240	ug/Kg
91-58-7	2-Chloronaphthalene	47	U	47	60.7	240	ug/Kg
88-74-4	2-Nitroaniline	64	U	64	60.7	240	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	60.7	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	60.7	240	ug/Kg
208-96-8	Acenaphthylene	41	U	41	60.7	240	ug/Kg
99-09-2	3-Nitroaniline	94	U	94	120	470	ug/Kg
83-32-9	Acenaphthene	37	U	37	60.7	240	ug/Kg
51-28-5	2,4-Dinitrophenol	190	U	190	120	470	ug/Kg
100-02-7	4-Nitrophenol	63	U	63	120	470	ug/Kg
132-64-9	Dibenzofuran	39	U	39	60.7	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	50	U	50	60.7	240	ug/Kg
84-66-2	Diethylphthalate	47	U	47	60.7	240	ug/Kg
86-73-7	Fluorene	39	U	39	60.7	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	29	U	29	60.7	240	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	120	470	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	54	U	54	120	470	ug/Kg
86-30-6	N-Nitrosodiphenylamine	34	U	34	60.7	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	49	U	49	60.7	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	60.7	240	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	60.7	240	ug/Kg
1912-24-9	Atrazine	40	U	40	120	470	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	120	470	ug/Kg
85-01-8	Phenanthrene	320		39	60.7	240	ug/Kg
608-93-5	Pentachlorobenzene	53	U	53	60.7	240	ug/Kg
120-12-7	Anthracene	55	J	36	60.7	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	24	U	24	60.7	240	ug/Kg
86-74-8	Carbazole	49	U	49	120	470	ug/Kg
84-74-2	Di-n-butylphthalate	39	U	39	60.7	240	ug/Kg
206-44-0	Fluoranthene	560		27	120	240	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CZ2	SDG No.:	BG071124
Lab Sample ID:	P3125-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30
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
BG062015.D	1	7/5/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	330		26	60.7	240	ug/Kg
85-68-7	Butylbenzylphthalate	31	U	31	60.7	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	74	U	74	120	470	ug/Kg
56-55-3	Benzo(a)anthracene	290		33	60.7	240	ug/Kg
218-01-9	Chrysene	360		34	60.7	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	65	J	36	60.7	240	ug/Kg
117-84-0	Di-n-octyl phthalate	69	U	69	120	470	ug/Kg
205-99-2	Benzo(b)fluoranthene	430		53	60.7	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	J	54	60.7	240	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	44	60.7	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	J	40	60.7	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	73	J	37	60.7	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	60.7	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51	U	51	60.7	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.55		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	2.071	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	30.352		10-130		76	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.437		10-150		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.513		15-120		76	SPK: -40
190780-66-6	4-Methylphenol-d8	30.436		10-140		76	SPK: -40
4165-60-0	Nitrobenzene-d5	31.464		10-135		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.041		10-120		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.49		10-140		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.441		1-145		21	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.294		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	31.328		15-120		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.161		10-150		75	SPK: -40
81103-79-9	Fluorene-d10	31.625		20-140		79	SPK: -40

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CZ2	SDG No.:	BG071124
Lab Sample ID:	P3125-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30
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
BG062015.D	1	7/5/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.258		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	30.726		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	21.959		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.768		10-140		37	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	54505	8.041				
1146-65-2	Naphthalene-d8	263734	10.85				
15067-26-2	Acenaphthene-d10	191753	14.669				
1517-22-2	Phenanthrene-d10	449234	17.412				
1719-03-5	Chrysene-d12	397082	21.672				
1520-96-3	Perylene-d12	475441	24.886				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	360	J			3.711	
000770-35-4	1-Phenoxypropan-2-ol	340	J			11.584	
000638-53-9	Tridecanoic acid	470	J			18.294	
000057-11-4	Octadecanoic acid	150	J			19.563	
1000309-24-5	Oxalic acid, allyl octadecyl ester	950	J			21.314	
E966796	Total Alkanes	37	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CZ2MS	SDG No.:	BG071124
Lab Sample ID:	P3125-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30
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
BG062016.D	1	7/5/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	600		38	9.4	95	ug/Kg
100-52-7	Benzaldehyde	1200		83	120	470	ug/Kg
110-86-1	Pyridine	840		110	240	470	ug/Kg
108-95-2	Phenol	1900		43	120	470	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1600		41	120	470	ug/Kg
95-57-8	2-Chlorophenol	1800		40	60.5	240	ug/Kg
95-48-7	2-Methylphenol	1800		44	120	470	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		57	120	470	ug/Kg
98-86-2	Acetophenone	1800		94	120	470	ug/Kg
106-44-5	4-Methylphenol	1800		75	120	470	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1700		110	60.5	240	ug/Kg
67-72-1	Hexachloroethane	990		87	60.5	240	ug/Kg
98-95-3	Nitrobenzene	1900		91	60.5	240	ug/Kg
78-59-1	Isophorone	1700		94	60.5	240	ug/Kg
88-75-5	2-Nitrophenol	2000		85	60.5	240	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		46	60.5	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1600		64	60.5	240	ug/Kg
120-83-2	2,4-Dichlorophenol	2000		54	60.5	240	ug/Kg
91-20-3	Naphthalene	1900		34	60.5	240	ug/Kg
106-47-8	4-Chloroaniline	1000		51	60.5	470	ug/Kg
87-68-3	Hexachlorobutadiene	2200		50	60.5	240	ug/Kg
105-60-2	Caprolactam	1700		91	120	470	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2100		58	60.5	240	ug/Kg
90-12-0	1-Methylnaphthalene	2000		34	60.5	240	ug/Kg
91-57-6	2-Methylnaphthalene	1900		46	60.5	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1200		140	120	470	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2000		34	60.5	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2100		47	60.5	240	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CZ2MS	SDG No.:	BG071124
Lab Sample ID:	P3125-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30
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
BG062016.D	1	7/5/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	2000		37	60.5	240	ug/Kg
91-58-7	2-Chloronaphthalene	2000		47	60.5	240	ug/Kg
88-74-4	2-Nitroaniline	2200		64	60.5	240	ug/Kg
131-11-3	Dimethylphthalate	1900		43	60.5	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	2200		28	60.5	240	ug/Kg
208-96-8	Acenaphthylene	1900		41	60.5	240	ug/Kg
99-09-2	3-Nitroaniline	1900		94	120	470	ug/Kg
83-32-9	Acenaphthene	1900		37	60.5	240	ug/Kg
51-28-5	2,4-Dinitrophenol	2300		190	120	470	ug/Kg
100-02-7	4-Nitrophenol	2500		63	120	470	ug/Kg
132-64-9	Dibenzofuran	2000		38	60.5	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	2200		50	60.5	240	ug/Kg
84-66-2	Diethylphthalate	1900		47	60.5	240	ug/Kg
86-73-7	Fluorene	2000		38	60.5	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1900		28	60.5	240	ug/Kg
100-01-6	4-Nitroaniline	2000		34	120	470	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2300		54	120	470	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2000		34	60.5	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1900		48	60.5	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2100		37	60.5	240	ug/Kg
118-74-1	Hexachlorobenzene	1200		40	60.5	240	ug/Kg
1912-24-9	Atrazine	1300		40	120	470	ug/Kg
87-86-5	Pentachlorophenol	2000		130	120	470	ug/Kg
85-01-8	Phenanthrene	2300		38	60.5	240	ug/Kg
608-93-5	Pentachlorobenzene	1600		53	60.5	240	ug/Kg
120-12-7	Anthracene	1900		36	60.5	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1900		24	60.5	240	ug/Kg
86-74-8	Carbazole	1500		48	120	470	ug/Kg
84-74-2	Di-n-butylphthalate	2100		38	60.5	240	ug/Kg
206-44-0	Fluoranthene	2600		27	120	240	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CZ2MS	SDG No.:	BG071124
Lab Sample ID:	P3125-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30
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
BG062016.D	1	7/5/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1500		26	60.5	240	ug/Kg
85-68-7	Butylbenzylphthalate	2000		31	60.5	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	360	J	74	120	470	ug/Kg
56-55-3	Benzo(a)anthracene	2400		33	60.5	240	ug/Kg
218-01-9	Chrysene	2400		34	60.5	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2100		36	60.5	240	ug/Kg
117-84-0	Di-n-octyl phthalate	2100		68	120	470	ug/Kg
205-99-2	Benzo(b)fluoranthene	2500		53	60.5	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	2200		54	60.5	240	ug/Kg
50-32-8	Benzo(a)pyrene	730		44	60.5	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		40	60.5	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2200		37	60.5	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	J	46	60.5	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2100		51	60.5	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.72		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	10.807		20-120		27	SPK: -40
4165-62-2	Phenol-d5	32.054		10-130		80	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.458		10-150		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.464		15-120		84	SPK: -40
190780-66-6	4-Methylphenol-d8	31.8		10-140		79	SPK: -40
4165-60-0	Nitrobenzene-d5	36.545		10-135		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.466		10-120		96	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	39.09		10-140		98	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.364		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.197		10-145		90	SPK: -40
93951-97-4	Acenaphthylene-d8	36.513		15-120		91	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.529		10-150		86	SPK: -40
81103-79-9	Fluorene-d10	37.556		20-140		94	SPK: -40

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CZ2MS	SDG No.:	BG071124
Lab Sample ID:	P3125-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30
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
BG062016.D	1	7/5/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	43.432		10-130		109	SPK: -40
1719-06-8	Anthracene-d10	36.279		10-150		91	SPK: -40
1718-52-1	Pyrene-d10	24.663		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.723		10-140		42	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	47470	8.042				
1146-65-2	Naphthalene-d8	223094	10.85				
15067-26-2	Acenaphthene-d10	159273	14.669				
1517-22-2	Phenanthrene-d10	368069	17.419				
1719-03-5	Chrysene-d12	319230	21.679				
1520-96-3	Perylene-d12	371403	24.893				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	37	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CZ2MSD	SDG No.:	BG071124
Lab Sample ID:	P3125-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062017.D	1	7/5/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	600		38	9.4	95	ug/Kg
100-52-7	Benzaldehyde	1100		83	120	470	ug/Kg
110-86-1	Pyridine	750		110	240	470	ug/Kg
108-95-2	Phenol	1700		43	120	470	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1600		41	120	470	ug/Kg
95-57-8	2-Chlorophenol	1800		40	60.6	240	ug/Kg
95-48-7	2-Methylphenol	1700		44	120	470	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		57	120	470	ug/Kg
98-86-2	Acetophenone	1600		94	120	470	ug/Kg
106-44-5	4-Methylphenol	1700		76	120	470	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1500		110	60.6	240	ug/Kg
67-72-1	Hexachloroethane	930		87	60.6	240	ug/Kg
98-95-3	Nitrobenzene	1900		91	60.6	240	ug/Kg
78-59-1	Isophorone	1600		94	60.6	240	ug/Kg
88-75-5	2-Nitrophenol	1900		86	60.6	240	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		46	60.6	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1600		64	60.6	240	ug/Kg
120-83-2	2,4-Dichlorophenol	2000		54	60.6	240	ug/Kg
91-20-3	Naphthalene	1800		34	60.6	240	ug/Kg
106-47-8	4-Chloroaniline	1000		51	60.6	470	ug/Kg
87-68-3	Hexachlorobutadiene	2000		50	60.6	240	ug/Kg
105-60-2	Caprolactam	1600		91	120	470	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1900		58	60.6	240	ug/Kg
90-12-0	1-Methylnaphthalene	1900		34	60.6	240	ug/Kg
91-57-6	2-Methylnaphthalene	1900		46	60.6	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1100		140	120	470	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2100		34	60.6	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2100		47	60.6	240	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CZ2MSD	SDG No.:	BG071124
Lab Sample ID:	P3125-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062017.D	1	7/5/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1900		37	60.6	240	ug/Kg
91-58-7	2-Chloronaphthalene	1900		47	60.6	240	ug/Kg
88-74-4	2-Nitroaniline	2200		64	60.6	240	ug/Kg
131-11-3	Dimethylphthalate	1900		43	60.6	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	2100		29	60.6	240	ug/Kg
208-96-8	Acenaphthylene	1800		41	60.6	240	ug/Kg
99-09-2	3-Nitroaniline	1800		94	120	470	ug/Kg
83-32-9	Acenaphthene	1900		37	60.6	240	ug/Kg
51-28-5	2,4-Dinitrophenol	2200		190	120	470	ug/Kg
100-02-7	4-Nitrophenol	2500		63	120	470	ug/Kg
132-64-9	Dibenzofuran	1900		38	60.6	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	2100		50	60.6	240	ug/Kg
84-66-2	Diethylphthalate	1900		47	60.6	240	ug/Kg
86-73-7	Fluorene	1900		38	60.6	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1900		29	60.6	240	ug/Kg
100-01-6	4-Nitroaniline	1900		34	120	470	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2100		54	120	470	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2000		34	60.6	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1900		48	60.6	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2000		37	60.6	240	ug/Kg
118-74-1	Hexachlorobenzene	1100		40	60.6	240	ug/Kg
1912-24-9	Atrazine	1300		40	120	470	ug/Kg
87-86-5	Pentachlorophenol	1800		130	120	470	ug/Kg
85-01-8	Phenanthrene	2200		38	60.6	240	ug/Kg
608-93-5	Pentachlorobenzene	1500		53	60.6	240	ug/Kg
120-12-7	Anthracene	1800		36	60.6	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1900		24	60.6	240	ug/Kg
86-74-8	Carbazole	1400		48	120	470	ug/Kg
84-74-2	Di-n-butylphthalate	2000		38	60.6	240	ug/Kg
206-44-0	Fluoranthene	2500		27	120	240	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CZ2MSD	SDG No.:	BG071124
Lab Sample ID:	P3125-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062017.D	1	7/5/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		26	60.6	240	ug/Kg
85-68-7	Butylbenzylphthalate	1900		31	60.6	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	420	J	74	120	470	ug/Kg
56-55-3	Benzo(a)anthracene	2300		33	60.6	240	ug/Kg
218-01-9	Chrysene	2300		34	60.6	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		36	60.6	240	ug/Kg
117-84-0	Di-n-octyl phthalate	2000		68	120	470	ug/Kg
205-99-2	Benzo(b)fluoranthene	2300		53	60.6	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	2100		54	60.6	240	ug/Kg
50-32-8	Benzo(a)pyrene	700		44	60.6	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		40	60.6	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2100		37	60.6	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	J	46	60.6	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2100		51	60.6	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.62		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	10.487		20-120		26	SPK: -40
4165-62-2	Phenol-d5	29.517		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.089		10-150		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.412		15-120		81	SPK: -40
190780-66-6	4-Methylphenol-d8	29.326		10-140		73	SPK: -40
4165-60-0	Nitrobenzene-d5	33.817		10-135		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.314		10-120		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.382		10-140		93	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.712		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.101		10-145		88	SPK: -40
93951-97-4	Acenaphthylene-d8	35.126		15-120		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	36.477		10-150		91	SPK: -40
81103-79-9	Fluorene-d10	35.988		20-140		90	SPK: -40

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CZ2MSD	SDG No.:	BG071124
Lab Sample ID:	P3125-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062017.D	1	7/5/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	40.109		10-130		100	SPK: -40
1719-06-8	Anthracene-d10	34.351		10-150		86	SPK: -40
1718-52-1	Pyrene-d10	23.827		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.759		10-140		39	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	50584	8.041				
1146-65-2	Naphthalene-d8	233470	10.856				
15067-26-2	Acenaphthene-d10	165011	14.669				
1517-22-2	Phenanthrene-d10	384719	17.419				
1719-03-5	Chrysene-d12	334397	21.678				
1520-96-3	Perylene-d12	408037	24.886				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	37	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4D00	SDG No.:	BG071124
Lab Sample ID:	P3139-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.7
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
BG062018.D	1	7/8/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	35	U	35	8.5	86	ug/Kg
100-52-7	Benzaldehyde	75	U	75	110	430	ug/Kg
110-86-1	Pyridine	99	U	99	210	430	ug/Kg
108-95-2	Phenol	39	U	39	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	110	430	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	54.8	220	ug/Kg
95-48-7	2-Methylphenol	40	U	40	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	52	U	52	110	430	ug/Kg
98-86-2	Acetophenone	85	U	85	110	430	ug/Kg
106-44-5	4-Methylphenol	68	U	68	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	54.8	220	ug/Kg
67-72-1	Hexachloroethane	79	U	79	54.8	220	ug/Kg
98-95-3	Nitrobenzene	83	U	83	54.8	220	ug/Kg
78-59-1	Isophorone	85	U	85	54.8	220	ug/Kg
88-75-5	2-Nitrophenol	77	U	77	54.8	220	ug/Kg
105-67-9	2,4-Dimethylphenol	41	U	41	54.8	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	58	U	58	54.8	220	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	54.8	220	ug/Kg
91-20-3	Naphthalene	31	U	31	54.8	220	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	54.8	430	ug/Kg
87-68-3	Hexachlorobutadiene	45	U	45	54.8	220	ug/Kg
105-60-2	Caprolactam	83	U	83	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	54.8	220	ug/Kg
90-12-0	1-Methylnaphthalene	31	U	31	54.8	220	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	54.8	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	31	U	31	54.8	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	54.8	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4D00	SDG No.:	BG071124
Lab Sample ID:	P3139-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.7
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
BG062018.D	1	7/8/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	54.8	220	ug/Kg
91-58-7	2-Chloronaphthalene	43	U	43	54.8	220	ug/Kg
88-74-4	2-Nitroaniline	58	U	58	54.8	220	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	54.8	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	54.8	220	ug/Kg
208-96-8	Acenaphthylene	37	U	37	54.8	220	ug/Kg
99-09-2	3-Nitroaniline	85	U	85	110	430	ug/Kg
83-32-9	Acenaphthene	34	U	34	54.8	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	430	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	430	ug/Kg
132-64-9	Dibenzofuran	35	U	35	54.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	54.8	220	ug/Kg
84-66-2	Diethylphthalate	43	U	43	54.8	220	ug/Kg
86-73-7	Fluorene	35	U	35	54.8	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	54.8	220	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	31	U	31	54.8	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	44	54.8	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	54.8	220	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	54.8	220	ug/Kg
1912-24-9	Atrazine	36	U	36	110	430	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	110	430	ug/Kg
85-01-8	Phenanthrene	120	J	35	54.8	220	ug/Kg
608-93-5	Pentachlorobenzene	48	U	48	54.8	220	ug/Kg
120-12-7	Anthracene	32	U	32	54.8	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	54.8	220	ug/Kg
86-74-8	Carbazole	44	U	44	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	35	U	35	54.8	220	ug/Kg
206-44-0	Fluoranthene	230		24	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4D00	SDG No.:	BG071124
Lab Sample ID:	P3139-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.7
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
BG062018.D	1	7/8/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	140	J	23	54.8	220	ug/Kg
85-68-7	Butylbenzylphthalate	28	U	28	54.8	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67	U	67	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	95	J	30	54.8	220	ug/Kg
218-01-9	Chrysene	140	J	31	54.8	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	32	U	32	54.8	220	ug/Kg
117-84-0	Di-n-octyl phthalate	62	U	62	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	48	54.8	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	65	J	49	54.8	220	ug/Kg
50-32-8	Benzo(a)pyrene	49	J	40	54.8	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49	J	36	54.8	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	54.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	54.8	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	54.8	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.007		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	28.191		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.302		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.555		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	27.833		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	35.738		10-135		89	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.723		10-120		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.676		10-140		89	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.847		1-145		10	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.352		10-145		83	SPK: -40
93951-97-4	Acenaphthylene-d8	34.615		15-120		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.542		10-150		76	SPK: -40
81103-79-9	Fluorene-d10	34.513		20-140		86	SPK: -40

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4D00	SDG No.:	BG071124
Lab Sample ID:	P3139-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.7
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
BG062018.D	1	7/8/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.994		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	34.149		10-150		85	SPK: -40
1718-52-1	Pyrene-d10	23.742		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.337		10-140		38	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	51371	8.043				
1146-65-2	Naphthalene-d8	215601	10.851				
15067-26-2	Acenaphthene-d10	151801	14.67				
1517-22-2	Phenanthrene-d10	349514	17.414				
1719-03-5	Chrysene-d12	306228	21.674				
1520-96-3	Perylene-d12	378402	24.882				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	160	J			3.713	
006180-61-6	1-Propanol, 3-phenoxy-	120	J			11.586	
000544-63-8	Tetradecanoic acid	370	J			18.29	
	(DEL) Alkane: Straight-Chain	110	J			19.206	
002834-05-1	11-Bromoundecanoic acid	120	J			19.565	
000930-02-9	Octadecane, 1-(ethenyloxy)-	240	J			20.281	
004282-44-4	1-Iodoundecane	250	J			20.311	
	(DEL) Alkane: Straight-Chain	2800	J			21.31	
1000430-48-8	(6Z,9Z)-6,9-Pentacosadiene	740	J			22.097	
000506-51-4	n-Tetracosanol-1	4900	J			22.485	
000638-66-4	Octadecanal	580	J			23.501	
079392-43-1	Octadecyl trifluoroacetate	860	J			24.018	
	(DEL) Alkane: Straight-Chain	1800	J			26.028	
E966796	Total Alkanes	4700				99	ug/Kg



Client:				Date Collected:	6/28/2024 12:00:00 AM	
Project:				Date Received:	6/28/2024 12:00:00 AM	
Client Sample ID:	A4D00MS			SDG No.:	BG071124	
Lab Sample ID:	P3139-02MS			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	22.7	
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
BG062019.D	1	7/8/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	630		35	8.5	86	ug/Kg
100-52-7	Benzaldehyde	1700		75	110	430	ug/Kg
110-86-1	Pyridine	790		99	210	430	ug/Kg
108-95-2	Phenol	1700		39	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1500		37	110	430	ug/Kg
95-57-8	2-Chlorophenol	1800		36	54.8	220	ug/Kg
95-48-7	2-Methylphenol	1700		40	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		52	110	430	ug/Kg
98-86-2	Acetophenone	1600		85	110	430	ug/Kg
106-44-5	4-Methylphenol	1800		68	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1500		100	54.8	220	ug/Kg
67-72-1	Hexachloroethane	920		79	54.8	220	ug/Kg
98-95-3	Nitrobenzene	1800		83	54.8	220	ug/Kg
78-59-1	Isophorone	1500		85	54.8	220	ug/Kg
88-75-5	2-Nitrophenol	1800		77	54.8	220	ug/Kg
105-67-9	2,4-Dimethylphenol	1800		41	54.8	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1500		58	54.8	220	ug/Kg
120-83-2	2,4-Dichlorophenol	1900		49	54.8	220	ug/Kg
91-20-3	Naphthalene	1700		31	54.8	220	ug/Kg
106-47-8	4-Chloroaniline	760		46	54.8	430	ug/Kg
87-68-3	Hexachlorobutadiene	1900		45	54.8	220	ug/Kg
105-60-2	Caprolactam	1600		83	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		53	54.8	220	ug/Kg
90-12-0	1-Methylnaphthalene	1700		31	54.8	220	ug/Kg
91-57-6	2-Methylnaphthalene	1700		41	54.8	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1200		130	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2100		31	54.8	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2000		43	54.8	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4D00MS	SDG No.:	BG071124
Lab Sample ID:	P3139-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.7
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
BG062019.D	1	7/8/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1900		34	54.8	220	ug/Kg
91-58-7	2-Chloronaphthalene	1900		43	54.8	220	ug/Kg
88-74-4	2-Nitroaniline	2200		58	54.8	220	ug/Kg
131-11-3	Dimethylphthalate	1800		39	54.8	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	2100		26	54.8	220	ug/Kg
208-96-8	Acenaphthylene	1800		37	54.8	220	ug/Kg
99-09-2	3-Nitroaniline	1500		85	110	430	ug/Kg
83-32-9	Acenaphthene	1900		34	54.8	220	ug/Kg
51-28-5	2,4-Dinitrophenol	2100		170	110	430	ug/Kg
100-02-7	4-Nitrophenol	2300		57	110	430	ug/Kg
132-64-9	Dibenzofuran	1900		35	54.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	2100		45	54.8	220	ug/Kg
84-66-2	Diethylphthalate	1800		43	54.8	220	ug/Kg
86-73-7	Fluorene	1800		35	54.8	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1900		26	54.8	220	ug/Kg
100-01-6	4-Nitroaniline	1800		31	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2100		49	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1900		31	54.8	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1900		44	54.8	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2000		34	54.8	220	ug/Kg
118-74-1	Hexachlorobenzene	1100		36	54.8	220	ug/Kg
1912-24-9	Atrazine	1500		36	110	430	ug/Kg
87-86-5	Pentachlorophenol	2000		110	110	430	ug/Kg
85-01-8	Phenanthrene	1900		35	54.8	220	ug/Kg
608-93-5	Pentachlorobenzene	1700		48	54.8	220	ug/Kg
120-12-7	Anthracene	1800		32	54.8	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1800		22	54.8	220	ug/Kg
86-74-8	Carbazole	1400		44	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	1900		35	54.8	220	ug/Kg
206-44-0	Fluoranthene	2100		25	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4D00MS	SDG No.:	BG071124
Lab Sample ID:	P3139-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.7
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
BG062019.D	1	7/8/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		23	54.8	220	ug/Kg
85-68-7	Butylbenzylphthalate	1800		28	54.8	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	200	J	67	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	2000		30	54.8	220	ug/Kg
218-01-9	Chrysene	2000		31	54.8	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1900		32	54.8	220	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		62	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		48	54.8	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	1900		49	54.8	220	ug/Kg
50-32-8	Benzo(a)pyrene	580		40	54.8	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		36	54.8	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1900		34	54.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	J	41	54.8	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2100		46	54.8	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.737		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	5.844	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	36.756		10-130		92	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.524		10-150		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	38.15		15-120		95	SPK: -40
190780-66-6	4-Methylphenol-d8	35.85		10-140		90	SPK: -40
4165-60-0	Nitrobenzene-d5	40.485		10-135		101	SPK: -40
93951-78-1	2-Nitrophenol-d4	42.206		10-120		106	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	41.733		10-140		104	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.127		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	40.46		10-145		101	SPK: -40
93951-97-4	Acenaphthylene-d8	42.418		15-120		106	SPK: -40
93951-79-2	4-Nitrophenol-d4	38.535		10-150		96	SPK: -40
81103-79-9	Fluorene-d10	42.389		20-140		106	SPK: -40

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4D00MS	SDG No.:	BG071124
Lab Sample ID:	P3139-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.7
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
BG062019.D	1	7/8/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	46.583		10-130		116	SPK: -40
1719-06-8	Anthracene-d10	40.481		10-150		101	SPK: -40
1718-52-1	Pyrene-d10	27.873		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.728		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44445	8.042				
1146-65-2	Naphthalene-d8	211755	10.856				
15067-26-2	Acenaphthene-d10	138496	14.669				
1517-22-2	Phenanthrene-d10	320830	17.419				
1719-03-5	Chrysene-d12	285249	21.679				
1520-96-3	Perylene-d12	351804	24.892				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	34	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4D00MSD	SDG No.:	BG071124
Lab Sample ID:	P3139-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.7
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
BG062020.D	1	7/8/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	440		35	8.5	86	ug/Kg
100-52-7	Benzaldehyde	1400		75	110	430	ug/Kg
110-86-1	Pyridine	620		99	210	430	ug/Kg
108-95-2	Phenol	1400		39	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200		37	110	430	ug/Kg
95-57-8	2-Chlorophenol	1500		36	54.8	220	ug/Kg
95-48-7	2-Methylphenol	1400		40	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		52	110	430	ug/Kg
98-86-2	Acetophenone	1300		85	110	430	ug/Kg
106-44-5	4-Methylphenol	1400		68	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1200		100	54.8	220	ug/Kg
67-72-1	Hexachloroethane	700		79	54.8	220	ug/Kg
98-95-3	Nitrobenzene	1500		83	54.8	220	ug/Kg
78-59-1	Isophorone	1300		85	54.8	220	ug/Kg
88-75-5	2-Nitrophenol	1500		77	54.8	220	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		41	54.8	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300		58	54.8	220	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		49	54.8	220	ug/Kg
91-20-3	Naphthalene	1500		31	54.8	220	ug/Kg
106-47-8	4-Chloroaniline	630		46	54.8	430	ug/Kg
87-68-3	Hexachlorobutadiene	1700		45	54.8	220	ug/Kg
105-60-2	Caprolactam	1400		83	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		53	54.8	220	ug/Kg
90-12-0	1-Methylnaphthalene	1400		31	54.8	220	ug/Kg
91-57-6	2-Methylnaphthalene	1500		41	54.8	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	910		130	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		31	54.8	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		43	54.8	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4D00MSD	SDG No.:	BG071124
Lab Sample ID:	P3139-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.7
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
BG062020.D	1	7/8/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1500		34	54.8	220	ug/Kg
91-58-7	2-Chloronaphthalene	1500		43	54.8	220	ug/Kg
88-74-4	2-Nitroaniline	1700		58	54.8	220	ug/Kg
131-11-3	Dimethylphthalate	1400		39	54.8	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		26	54.8	220	ug/Kg
208-96-8	Acenaphthylene	1400		37	54.8	220	ug/Kg
99-09-2	3-Nitroaniline	1300		85	110	430	ug/Kg
83-32-9	Acenaphthene	1500		34	54.8	220	ug/Kg
51-28-5	2,4-Dinitrophenol	1800		170	110	430	ug/Kg
100-02-7	4-Nitrophenol	1900		57	110	430	ug/Kg
132-64-9	Dibenzofuran	1500		35	54.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		45	54.8	220	ug/Kg
84-66-2	Diethylphthalate	1500		43	54.8	220	ug/Kg
86-73-7	Fluorene	1500		35	54.8	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		26	54.8	220	ug/Kg
100-01-6	4-Nitroaniline	1400		31	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		49	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1600		31	54.8	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		44	54.8	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		34	54.8	220	ug/Kg
118-74-1	Hexachlorobenzene	900		36	54.8	220	ug/Kg
1912-24-9	Atrazine	1200		36	110	430	ug/Kg
87-86-5	Pentachlorophenol	1700		110	110	430	ug/Kg
85-01-8	Phenanthrene	1600		35	54.8	220	ug/Kg
608-93-5	Pentachlorobenzene	1300		48	54.8	220	ug/Kg
120-12-7	Anthracene	1400		32	54.8	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1400		22	54.8	220	ug/Kg
86-74-8	Carbazole	1100		44	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	1500		35	54.8	220	ug/Kg
206-44-0	Fluoranthene	1700		24	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4D00MSD	SDG No.:	BG071124
Lab Sample ID:	P3139-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.7
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
BG062020.D	1	7/8/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	990		23	54.8	220	ug/Kg
85-68-7	Butylbenzylphthalate	1500		28	54.8	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	J	67	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	1600		30	54.8	220	ug/Kg
218-01-9	Chrysene	1600		31	54.8	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		32	54.8	220	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		62	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		48	54.8	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		49	54.8	220	ug/Kg
50-32-8	Benzo(a)pyrene	480		40	54.8	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	930		36	54.8	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		34	54.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	41	54.8	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		46	54.8	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.618		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	5.045	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	29.192		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.092		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.53		15-120		76	SPK: -40
190780-66-6	4-Methylphenol-d8	28.48		10-140		71	SPK: -40
4165-60-0	Nitrobenzene-d5	35.551		10-135		89	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.536		10-120		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.772		10-140		92	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.558		1-145		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.855		10-145		82	SPK: -40
93951-97-4	Acenaphthylene-d8	33.556		15-120		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.098		10-150		78	SPK: -40
81103-79-9	Fluorene-d10	34.187		20-140		85	SPK: -40

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4D00MSD	SDG No.:	BG071124
Lab Sample ID:	P3139-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.7
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
BG062020.D	1	7/8/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	40.002		10-130		100	SPK: -40
1719-06-8	Anthracene-d10	32.54		10-150		81	SPK: -40
1718-52-1	Pyrene-d10	22.391		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.945		10-140		37	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53681	8.039				
1146-65-2	Naphthalene-d8	239584	10.853				
15067-26-2	Acenaphthene-d10	167521	14.672				
1517-22-2	Phenanthrene-d10	388127	17.416				
1719-03-5	Chrysene-d12	340136	21.681				
1520-96-3	Perylene-d12	412275	24.889				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	34	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	E08E4	SDG No.:	BG071124
Lab Sample ID:	P3198-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062021.D	1	7/11/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB162020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.51	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5.1	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10.1	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5.1	ug/L
95-48-7	2-Methylphenol	0.83	U	0.83	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5.1	10	ug/L
98-86-2	Acetophenone	0.9	U	0.9	5.1	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1	U	1	2.5	5.1	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.94	U	0.94	2.5	5.1	ug/L
91-20-3	Naphthalene	0.71	U	0.71	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.99	U	0.99	2.5	5.1	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.82	U	0.82	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	0.81	U	0.81	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	E08E4	SDG No.:	BG071124
Lab Sample ID:	P3198-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062021.D	1	7/11/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB162020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1	U	1	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5.1	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	0.88	U	0.88	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5.1	ug/L
84-66-2	Diethylphthalate	0.88	U	0.88	2.5	5.1	ug/L
86-73-7	Fluorene	0.88	U	0.88	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.97	U	0.97	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.72	U	0.72	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.91	U	0.91	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	0.57	U	0.57	2.5	5.1	ug/L
1912-24-9	Atrazine	0.97	U	0.97	5.1	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5.1	10	ug/L
85-01-8	Phenanthrene	0.98	U	0.98	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
120-12-7	Anthracene	0.73	U	0.73	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.93	U	0.93	2.5	5.1	ug/L
86-74-8	Carbazole	1	U	1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	0.82	U	0.82	2.5	5.1	ug/L
206-44-0	Fluoranthene	0.66	U	0.66	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	E08E4	SDG No.:	BG071124
Lab Sample ID:	P3198-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062021.D	1	7/11/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB162020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.54	U	0.54	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	0.98	U	0.98	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	0.57	U	0.57	2.5	5.1	ug/L
218-01-9	Chrysene	0.76	U	0.76	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.88	U	0.88	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5.1	ug/L
SURROGATES							
7291-22-7	Pyridine-d5	7.712	*	20-120		19	SPK: -40
17647-74-4	1,4-Dioxane-d8	4.77		15-120		60	SPK: -8
4165-62-2	Phenol-d5	10.799		10-130		27	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.709		25-120		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.851		20-130		82	SPK: -40
190780-66-6	4-Methylphenol-d8	21.242		25-125		53	SPK: -40
4165-60-0	Nitrobenzene-d5	37.544		20-125		94	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.422		20-130		101	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.725		20-120		92	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.592		1-146		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.626		25-130		89	SPK: -40
93951-97-4	Acenaphthylene-d8	37.547		10-130		94	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.836		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	37.232		25-125		93	SPK: -40

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	E08E4	SDG No.:	BG071124
Lab Sample ID:	P3198-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062021.D	1	7/11/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB162020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	39.711		10-130		99	SPK: -40
1719-06-8	Anthracene-d10	40.786		25-130		102	SPK: -40
1718-52-1	Pyrene-d10	40.446		15-130		101	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.03		20-130		103	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	51599	8.04				
1146-65-2	Naphthalene-d8	240934	10.855				
15067-26-2	Acenaphthene-d10	166606	14.674				
1517-22-2	Phenanthrene-d10	376200	17.417				
1719-03-5	Chrysene-d12	333719	21.671				
1520-96-3	Perylene-d12	414451	24.879				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-05-0	Nonanoic acid	4.4	J			11.642	
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	3.7	J			13.516	
066394-74-9	Urs-20-en-16-ol, (16.beta.,18.alph	14	J			20.714	
039007-93-7	Sesquirosefuran	260	J			22.188	
E966796	Total Alkanes	1	U			99	ug/L



Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	E08E7	SDG No.:	BG071124
Lab Sample ID:	P3198-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
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
BG062022.D	1	7/11/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB162020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	E08E7	SDG No.:	BG071124
Lab Sample ID:	P3198-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062022.D	1	7/11/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB162020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	E08E7	SDG No.:	BG071124
Lab Sample ID:	P3198-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062022.D	1	7/11/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB162020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.411		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	7.76	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	8.826		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.696		25-120		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.006		20-130		73	SPK: -40
190780-66-6	4-Methylphenol-d8	19.934		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	37.424		20-125		94	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.979		20-130		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.531		20-120		94	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.867		1-146		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.257		25-130		93	SPK: -40
93951-97-4	Acenaphthylene-d8	38.522		10-130		96	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.797		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	39.772		25-125		99	SPK: -40

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	E08E7	SDG No.:	BG071124
Lab Sample ID:	P3198-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062022.D	1	7/11/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB162020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	39.727		10-130		99	SPK: -40
1719-06-8	Anthracene-d10	41.778		25-130		104	SPK: -40
1718-52-1	Pyrene-d10	42.671		15-130		107	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.091		20-130		108	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	49054	8.04				
1146-65-2	Naphthalene-d8	218871	10.849				
15067-26-2	Acenaphthene-d10	157890	14.674				
1517-22-2	Phenanthrene-d10	369261	17.418				
1719-03-5	Chrysene-d12	333035	21.671				
1520-96-3	Perylene-d12	401716	24.879				
TENTATIVE IDENTIFIED COMPOUNDS							
000124-07-2	Octanoic acid	3.1	J			10.161	
000142-62-1	Hexanoic acid	5.6	J			11.642	
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	12	J			13.511	
1000339-46-6	1,2-Cyclohexanedicarboxylic acid,	6.1	J			21.901	
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4CY4	SDG No.:	BG071124
Lab Sample ID:	P3088-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062023.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	48	U	48	11.7	120	ug/Kg
100-52-7	Benzaldehyde	100	U	100	150	590	ug/Kg
110-86-1	Pyridine	140	U	140	290	590	ug/Kg
108-95-2	Phenol	53	U	53	150	590	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	51	U	51	150	590	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	75.4	300	ug/Kg
95-48-7	2-Methylphenol	55	U	55	150	590	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	71	U	71	150	590	ug/Kg
98-86-2	Acetophenone	120	U	120	150	590	ug/Kg
106-44-5	4-Methylphenol	94	U	94	150	590	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	140	U	140	75.4	300	ug/Kg
67-72-1	Hexachloroethane	110	U	110	75.4	300	ug/Kg
98-95-3	Nitrobenzene	110	U	110	75.4	300	ug/Kg
78-59-1	Isophorone	120	U	120	75.4	300	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	75.4	300	ug/Kg
105-67-9	2,4-Dimethylphenol	57	U	57	75.4	300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	80	U	80	75.4	300	ug/Kg
120-83-2	2,4-Dichlorophenol	67	U	67	75.4	300	ug/Kg
91-20-3	Naphthalene	43	U	43	75.4	300	ug/Kg
106-47-8	4-Chloroaniline	64	U	64	75.4	590	ug/Kg
87-68-3	Hexachlorobutadiene	62	U	62	75.4	300	ug/Kg
105-60-2	Caprolactam	110	U	110	150	590	ug/Kg
59-50-7	4-Chloro-3-methylphenol	73	U	73	75.4	300	ug/Kg
90-12-0	1-Methylnaphthalene	43	U	43	75.4	300	ug/Kg
91-57-6	2-Methylnaphthalene	57	U	57	75.4	300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	150	590	ug/Kg
88-06-2	2,4,6-Trichlorophenol	43	U	43	75.4	300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	59	75.4	300	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4CY4	SDG No.:	BG071124
Lab Sample ID:	P3088-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062023.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	46	U	46	75.4	300	ug/Kg
91-58-7	2-Chloronaphthalene	59	U	59	75.4	300	ug/Kg
88-74-4	2-Nitroaniline	80	U	80	75.4	300	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	75.4	300	ug/Kg
606-20-2	2,6-Dinitrotoluene	35	U	35	75.4	300	ug/Kg
208-96-8	Acenaphthylene	51	U	51	75.4	300	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	150	590	ug/Kg
83-32-9	Acenaphthene	46	U	46	75.4	300	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	150	590	ug/Kg
100-02-7	4-Nitrophenol	78	U	78	150	590	ug/Kg
132-64-9	Dibenzofuran	48	U	48	75.4	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	62	U	62	75.4	300	ug/Kg
84-66-2	Diethylphthalate	59	U	59	75.4	300	ug/Kg
86-73-7	Fluorene	48	U	48	75.4	300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	35	U	35	75.4	300	ug/Kg
100-01-6	4-Nitroaniline	43	U	43	150	590	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	67	U	67	150	590	ug/Kg
86-30-6	N-Nitrosodiphenylamine	43	U	43	75.4	300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60	U	60	75.4	300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	46	U	46	75.4	300	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	75.4	300	ug/Kg
1912-24-9	Atrazine	50	U	50	150	590	ug/Kg
87-86-5	Pentachlorophenol	160	U	160	150	590	ug/Kg
85-01-8	Phenanthrene	48	U	48	75.4	300	ug/Kg
608-93-5	Pentachlorobenzene	66	U	66	75.4	300	ug/Kg
120-12-7	Anthracene	44	U	44	75.4	300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	30	U	30	75.4	300	ug/Kg
86-74-8	Carbazole	60	U	60	150	590	ug/Kg
84-74-2	Di-n-butylphthalate	48	U	48	75.4	300	ug/Kg
206-44-0	Fluoranthene	34	U	34	150	300	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4CY4	SDG No.:	BG071124
Lab Sample ID:	P3088-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062023.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	32	U	32	75.4	300	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	75.4	300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	92	U	92	150	590	ug/Kg
56-55-3	Benzo(a)anthracene	41	U	41	75.4	300	ug/Kg
218-01-9	Chrysene	43	U	43	75.4	300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	75.4	300	ug/Kg
117-84-0	Di-n-octyl phthalate	85	U	85	150	590	ug/Kg
205-99-2	Benzo(b)fluoranthene	66	U	66	75.4	300	ug/Kg
207-08-9	Benzo(k)fluoranthene	67	U	67	75.4	300	ug/Kg
50-32-8	Benzo(a)pyrene	55	U	55	75.4	300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50	U	50	75.4	300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	46	U	46	75.4	300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57	U	57	75.4	300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	64	U	64	75.4	300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.823		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	17.024		20-120		43	SPK: -40
4165-62-2	Phenol-d5	20.624		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.45		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.825		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	21.117		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	23.023		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.974		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.001		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.697		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.948		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	24.514		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.307		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	25.181		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4CY4	SDG No.:	BG071124
Lab Sample ID:	P3088-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062023.D	1	7/2/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.034		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	23.691		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	23.93		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.007		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53304	8.041				
1146-65-2	Naphthalene-d8	254350	10.85				
15067-26-2	Acenaphthene-d10	178276	14.669				
1517-22-2	Phenanthrene-d10	428490	17.413				
1719-03-5	Chrysene-d12	393844	21.672				
1520-96-3	Perylene-d12	467423	24.886				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-11-2	2-Pentanol, 4-methyl-	160	J			3.717	
000770-35-4	1-Phenoxypropan-2-ol	130	J			11.584	
038444-81-4	1,1-Biphenyl, 2,3,5-trichloro-	130	J			18.012	
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4CY5	SDG No.:	BG071124
Lab Sample ID:	P3088-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.3
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
BG062024.D	1	7/2/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	47	U	47	11.4	120	ug/Kg
100-52-7	Benzaldehyde	100	U	100	140	570	ug/Kg
110-86-1	Pyridine	130	U	130	290	570	ug/Kg
108-95-2	Phenol	52	U	52	140	570	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	50	U	50	140	570	ug/Kg
95-57-8	2-Chlorophenol	48	U	48	73.4	290	ug/Kg
95-48-7	2-Methylphenol	54	U	54	140	570	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	69	U	69	140	570	ug/Kg
98-86-2	Acetophenone	110	U	110	140	570	ug/Kg
106-44-5	4-Methylphenol	92	U	92	140	570	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	140	U	140	73.4	290	ug/Kg
67-72-1	Hexachloroethane	110	U	110	73.4	290	ug/Kg
98-95-3	Nitrobenzene	110	U	110	73.4	290	ug/Kg
78-59-1	Isophorone	110	U	110	73.4	290	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	73.4	290	ug/Kg
105-67-9	2,4-Dimethylphenol	55	U	55	73.4	290	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	78	U	78	73.4	290	ug/Kg
120-83-2	2,4-Dichlorophenol	66	U	66	73.4	290	ug/Kg
91-20-3	Naphthalene	41	U	41	73.4	290	ug/Kg
106-47-8	4-Chloroaniline	62	U	62	73.4	570	ug/Kg
87-68-3	Hexachlorobutadiene	60	U	60	73.4	290	ug/Kg
105-60-2	Caprolactam	110	U	110	140	570	ug/Kg
59-50-7	4-Chloro-3-methylphenol	71	U	71	73.4	290	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	73.4	290	ug/Kg
91-57-6	2-Methylnaphthalene	55	U	55	73.4	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	140	570	ug/Kg
88-06-2	2,4,6-Trichlorophenol	41	U	41	73.4	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	73.4	290	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4CY5	SDG No.:	BG071124
Lab Sample ID:	P3088-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.3
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
BG062024.D	1	7/2/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	45	U	45	73.4	290	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	57	73.4	290	ug/Kg
88-74-4	2-Nitroaniline	78	U	78	73.4	290	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	73.4	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	35	U	35	73.4	290	ug/Kg
208-96-8	Acenaphthylene	50	U	50	73.4	290	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	140	570	ug/Kg
83-32-9	Acenaphthene	45	U	45	73.4	290	ug/Kg
51-28-5	2,4-Dinitrophenol	220	U	220	140	570	ug/Kg
100-02-7	4-Nitrophenol	76	U	76	140	570	ug/Kg
132-64-9	Dibenzofuran	47	U	47	73.4	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	60	U	60	73.4	290	ug/Kg
84-66-2	Diethylphthalate	57	U	57	73.4	290	ug/Kg
86-73-7	Fluorene	47	U	47	73.4	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	35	U	35	73.4	290	ug/Kg
100-01-6	4-Nitroaniline	41	U	41	140	570	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	66	U	66	140	570	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	73.4	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	73.4	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	45	U	45	73.4	290	ug/Kg
118-74-1	Hexachlorobenzene	48	U	48	73.4	290	ug/Kg
1912-24-9	Atrazine	48	U	48	140	570	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	140	570	ug/Kg
85-01-8	Phenanthrene	47	U	47	73.4	290	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	73.4	290	ug/Kg
120-12-7	Anthracene	43	U	43	73.4	290	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	29	U	29	73.4	290	ug/Kg
86-74-8	Carbazole	59	U	59	140	570	ug/Kg
84-74-2	Di-n-butylphthalate	47	U	47	73.4	290	ug/Kg
206-44-0	Fluoranthene	33	U	33	140	290	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4CY5	SDG No.:	BG071124
Lab Sample ID:	P3088-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.3
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
BG062024.D	1	7/2/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	31	U	31	73.4	290	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	73.4	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	90	U	90	140	570	ug/Kg
56-55-3	Benzo(a)anthracene	40	U	40	73.4	290	ug/Kg
218-01-9	Chrysene	41	U	41	73.4	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43	U	43	73.4	290	ug/Kg
117-84-0	Di-n-octyl phthalate	83	U	83	140	570	ug/Kg
205-99-2	Benzo(b)fluoranthene	64	U	64	73.4	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	66	U	66	73.4	290	ug/Kg
50-32-8	Benzo(a)pyrene	54	U	54	73.4	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48	U	48	73.4	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	73.4	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55	U	55	73.4	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	62	U	62	73.4	290	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.986		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	19.162		20-120		48	SPK: -40
4165-62-2	Phenol-d5	22.496		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.996		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.783		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	22.865		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	25.56		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.401		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.039		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.724		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.297		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	27.3		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.957		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	28.004		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4CY5	SDG No.:	BG071124
Lab Sample ID:	P3088-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.3
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
BG062024.D	1	7/2/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	26.56		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	27.84		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.201		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	48529	8.042				
1146-65-2	Naphthalene-d8	227773	10.85				
15067-26-2	Acenaphthene-d10	162209	14.669				
1517-22-2	Phenanthrene-d10	396293	17.413				
1719-03-5	Chrysene-d12	357448	21.673				
1520-96-3	Perylene-d12	435349	24.881				
TENTATIVE IDENTIFIED COMPOUNDS							
000598-75-4	2-Butanol, 3-methyl-	220	J			3.712	
000770-35-4	1-Phenoxypropan-2-ol	190	J			11.585	
E966796	Total Alkanes	45	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4D11	SDG No.:	BG071124
Lab Sample ID:	P3088-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
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
BG062025.D	1	7/2/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.9	79	ug/Kg
100-52-7	Benzaldehyde	69	U	69	98.3	390	ug/Kg
110-86-1	Pyridine	92	U	92	200	390	ug/Kg
108-95-2	Phenol	36	U	36	98.3	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	98.3	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.7	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	98.3	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	98.3	390	ug/Kg
98-86-2	Acetophenone	79	U	79	98.3	390	ug/Kg
106-44-5	4-Methylphenol	63	U	63	98.3	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	94	U	94	50.7	200	ug/Kg
67-72-1	Hexachloroethane	73	U	73	50.7	200	ug/Kg
98-95-3	Nitrobenzene	76	U	76	50.7	200	ug/Kg
78-59-1	Isophorone	79	U	79	50.7	200	ug/Kg
88-75-5	2-Nitrophenol	72	U	72	50.7	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50.7	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	50.7	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	50.7	200	ug/Kg
91-20-3	Naphthalene	29	U	29	50.7	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	50.7	390	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	50.7	200	ug/Kg
105-60-2	Caprolactam	76	U	76	98.3	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	50.7	200	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	50.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	50.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	98.3	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	50.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	50.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4D11	SDG No.:	BG071124
Lab Sample ID:	P3088-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
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
BG062025.D	1	7/2/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	50.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	50.7	200	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	50.7	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	50.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50.7	200	ug/Kg
208-96-8	Acenaphthylene	35	U	35	50.7	200	ug/Kg
99-09-2	3-Nitroaniline	79	U	79	98.3	390	ug/Kg
83-32-9	Acenaphthene	31	U	31	50.7	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	98.3	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	98.3	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	50.7	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	50.7	200	ug/Kg
86-73-7	Fluorene	32	U	32	50.7	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.7	200	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	98.3	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	98.3	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	50.7	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	50.7	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50.7	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	50.7	200	ug/Kg
1912-24-9	Atrazine	33	U	33	98.3	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	98.3	390	ug/Kg
85-01-8	Phenanthrene	32	U	32	50.7	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.7	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.7	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50.7	200	ug/Kg
86-74-8	Carbazole	41	U	41	98.3	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.7	200	ug/Kg
206-44-0	Fluoranthene	23	U	23	98.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4D11	SDG No.:	BG071124
Lab Sample ID:	P3088-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
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
BG062025.D	1	7/2/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	50.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	50.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	98.3	390	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	50.7	200	ug/Kg
218-01-9	Chrysene	29	U	29	50.7	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	50.7	200	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	98.3	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	44	50.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	50.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	50.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	50.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	50.7	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	50.7	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.864		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	18.221		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.88		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.146		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	19.032		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	22.808		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.715		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.227		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.996		1-145		7	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.346		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	23.959		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.353		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	23.361		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4D11	SDG No.:	BG071124
Lab Sample ID:	P3088-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
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
BG062025.D	1	7/2/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.896		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	23.353		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	23.235		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.452		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	55546	8.037				
1146-65-2	Naphthalene-d8	263956	10.851				
15067-26-2	Acenaphthene-d10	184980	14.67				
1517-22-2	Phenanthrene-d10	437912	17.414				
1719-03-5	Chrysene-d12	400285	21.674				
1520-96-3	Perylene-d12	477192	24.882				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	270	J			11.586	
005454-48-8	Bromoacetic acid, hexadecyl ester	92	J			20.287	
	(DEL) Alkane: Straight-Chain20.311	120	J			20.311	
036653-82-4	1-Hexadecanol	1500	J			21.304	
	(DEL) Alkane: Straight-Chain21.862	150	J			21.862	
002765-11-9	Pentadecanal-	150	J			22.097	
	(DEL) Alkane: Straight-Chain22.485	1700	J			22.485	
021964-49-8	1,13-Tetradecadiene	200	J			23.495	
	(DEL) Alkane: Straight-Chain23.948	230	J			23.948	
E966796	Total Alkanes	2200				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	SBLK949	SDG No.:	BG071124
Lab Sample ID:	PB161949BL	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
BG062026.D	1	7/8/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161949

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:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	SBLK949	SDG No.:	BG071124
Lab Sample ID:	PB161949BL	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
BG062026.D	1	7/8/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161949

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:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	SBLK949	SDG No.:	BG071124
Lab Sample ID:	PB161949BL	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
BG062026.D	1	7/8/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161949

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	5.001		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	24.411		20-120		61	SPK: -40
4165-62-2	Phenol-d5	25.004		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.195		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.134		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	25.437		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	29.36		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.474		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.853		10-140		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.155		1-145		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.759		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	28.433		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.096		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	28.587		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	SBLK949	SDG No.:	BG071124
Lab Sample ID:	PB161949BL	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
BG062026.D	1	7/8/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.504		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	29.758		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	30.411		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.284		10-140		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	55691	8.041				
1146-65-2	Naphthalene-d8	249418	10.85				
15067-26-2	Acenaphthene-d10	183046	14.669				
1517-22-2	Phenanthrene-d10	424689	17.413				
1719-03-5	Chrysene-d12	386225	21.672				
1520-96-3	Perylene-d12	444718	24.88				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/5/2024 12:00:00 AM
Project:		Date Received:	7/5/2024 12:00:00 AM
Client Sample ID:	SLCS926	SDG No.:	BG071124
Lab Sample ID:	PB161926BS	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
BG062027.D	1	7/5/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161926

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	290		27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	860		58	82.5	330	ug/Kg
110-86-1	Pyridine	710		77	170	330	ug/Kg
108-95-2	Phenol	850		30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	760		29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	870		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	840		31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	720		40	82.5	330	ug/Kg
98-86-2	Acetophenone	790		66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	840		53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	730		79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	880		61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	950		64	42.5	170	ug/Kg
78-59-1	Isophorone	770		66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	960		60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	720		32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	770		45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	950		38	42.5	170	ug/Kg
91-20-3	Naphthalene	880		24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	740		36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	990		35	42.5	170	ug/Kg
105-60-2	Caprolactam	830		64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	960		41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	860		24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	890		32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	530		97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	840		24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	820		33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/5/2024 12:00:00 AM
Project:		Date Received:	7/5/2024 12:00:00 AM
Client Sample ID:	SLCS926	SDG No.:	BG071124
Lab Sample ID:	PB161926BS	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
BG062027.D	1	7/5/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161926

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	860		26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	880		33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	980		45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	840		30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	960		20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	870		29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	950		66	82.5	330	ug/Kg
83-32-9	Acenaphthene	880		26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	920		130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1100		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	900		27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	990		35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	860		33	42.5	170	ug/Kg
86-73-7	Fluorene	910		27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	900		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1000		24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	980		38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	880		24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	990		34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	940		26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	970		28	42.5	170	ug/Kg
1912-24-9	Atrazine	140	J	28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	690		88	82.5	330	ug/Kg
85-01-8	Phenanthrene	880		27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	970		37	42.5	170	ug/Kg
120-12-7	Anthracene	840		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	970		17	42.5	170	ug/Kg
86-74-8	Carbazole	910		34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	890		27	42.5	170	ug/Kg
206-44-0	Fluoranthene	870		19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/5/2024 12:00:00 AM
Project:		Date Received:	7/5/2024 12:00:00 AM
Client Sample ID:	SLCS926	SDG No.:	BG071124
Lab Sample ID:	PB161926BS	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
BG062027.D	1	7/5/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161926

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	880		18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	880		22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	980		52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	890		23	42.5	170	ug/Kg
218-01-9	Chrysene	920		24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	880		25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	940		48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	910		37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	920		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	840		31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	950		28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	930		26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	930		32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	780		36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.519		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	22.448		20-120		56	SPK: -40
4165-62-2	Phenol-d5	25.405		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.525		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.61		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	24.609		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	27.076		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.888		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.692		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.333		1-145		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.69		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	27.158		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.402		10-150		69	SPK: -40
81103-79-9	Fluorene-d10	27.761		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	7/5/2024 12:00:00 AM
Project:		Date Received:	7/5/2024 12:00:00 AM
Client Sample ID:	SLCS926	SDG No.:	BG071124
Lab Sample ID:	PB161926BS	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
BG062027.D	1	7/5/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161926

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.639		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	26.501		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	26.817		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.704		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57314	8.041				
1146-65-2	Naphthalene-d8	265706	10.855				
15067-26-2	Acenaphthene-d10	190642	14.674				
1517-22-2	Phenanthrene-d10	457784	17.418				
1719-03-5	Chrysene-d12	413490	21.677				
1520-96-3	Perylene-d12	485304	24.88				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/5/2024 12:00:00 AM
Project:		Date Received:	7/5/2024 12:00:00 AM
Client Sample ID:	SBLK926	SDG No.:	BG071124
Lab Sample ID:	PB161926BL	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
BG062029.D	1	7/5/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161926

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:	7/5/2024 12:00:00 AM
Project:		Date Received:	7/5/2024 12:00:00 AM
Client Sample ID:	SBLK926	SDG No.:	BG071124
Lab Sample ID:	PB161926BL	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
BG062029.D	1	7/5/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161926

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:	7/5/2024 12:00:00 AM
Project:		Date Received:	7/5/2024 12:00:00 AM
Client Sample ID:	SBLK926	SDG No.:	BG071124
Lab Sample ID:	PB161926BL	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
BG062029.D	1	7/5/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161926

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	4.176		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	19.944		20-120		50	SPK: -40
4165-62-2	Phenol-d5	21.717		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.574		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.528		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	21.423		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	23.72		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.878		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.262		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.869		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.392		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	23.482		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.079		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	23.251		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	7/5/2024 12:00:00 AM
Project:		Date Received:	7/5/2024 12:00:00 AM
Client Sample ID:	SBLK926	SDG No.:	BG071124
Lab Sample ID:	PB161926BL	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
BG062029.D	1	7/5/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161926

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.811		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	24.101		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	24.136		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.404		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68795	8.038				
1146-65-2	Naphthalene-d8	320308	10.852				
15067-26-2	Acenaphthene-d10	233825	14.671				
1517-22-2	Phenanthrene-d10	538562	17.415				
1719-03-5	Chrysene-d12	499710	21.675				
1520-96-3	Perylene-d12	599816	24.883				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	SBLK020	SDG No.:	BG071124
Lab Sample ID:	PB162020BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062030.D	1	7/11/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB162020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	SBLK020	SDG No.:	BG071124
Lab Sample ID:	PB162020BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062030.D	1	7/11/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB162020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	SBLK020	SDG No.:	BG071124
Lab Sample ID:	PB162020BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062030.D	1	7/11/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB162020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.691		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	23.779		20-120		59	SPK: -40
4165-62-2	Phenol-d5	26.644		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.965		25-120		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.832		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	25.832		25-125		65	SPK: -40
4165-60-0	Nitrobenzene-d5	32.158		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.255		20-130		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.877		20-120		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.483		1-146		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.742		25-130		74	SPK: -40
93951-97-4	Acenaphthylene-d8	31.015		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.887		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	30.936		25-125		77	SPK: -40

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	SBLK020	SDG No.:	BG071124
Lab Sample ID:	PB162020BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062030.D	1	7/11/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB162020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.255		10-130		76	SPK: -40
1719-06-8	Anthracene-d10	32.071		25-130		80	SPK: -40
1718-52-1	Pyrene-d10	32.127		15-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.637		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53680	8.037				
1146-65-2	Naphthalene-d8	232316	10.851				
15067-26-2	Acenaphthene-d10	169307	14.67				
1517-22-2	Phenanthrene-d10	393238	17.414				
1719-03-5	Chrysene-d12	358066	21.668				
1520-96-3	Perylene-d12	431036	24.876				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CB3	SDG No.:	BG071124
Lab Sample ID:	P3124-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.7
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
BG062031.D	1	7/5/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161926

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	47	U	47	11.5	120	ug/Kg
100-52-7	Benzaldehyde	100	U	100	140	570	ug/Kg
110-86-1	Pyridine	130	U	130	290	570	ug/Kg
108-95-2	Phenol	52	U	52	140	570	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	50	U	50	140	570	ug/Kg
95-57-8	2-Chlorophenol	49	U	49	73.9	300	ug/Kg
95-48-7	2-Methylphenol	54	U	54	140	570	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	70	U	70	140	570	ug/Kg
98-86-2	Acetophenone	110	U	110	140	570	ug/Kg
106-44-5	4-Methylphenol	92	U	92	140	570	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	140	U	140	73.9	300	ug/Kg
67-72-1	Hexachloroethane	110	U	110	73.9	300	ug/Kg
98-95-3	Nitrobenzene	110	U	110	73.9	300	ug/Kg
78-59-1	Isophorone	110	U	110	73.9	300	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	73.9	300	ug/Kg
105-67-9	2,4-Dimethylphenol	56	U	56	73.9	300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	78	U	78	73.9	300	ug/Kg
120-83-2	2,4-Dichlorophenol	66	U	66	73.9	300	ug/Kg
91-20-3	Naphthalene	42	U	42	73.9	300	ug/Kg
106-47-8	4-Chloroaniline	63	U	63	73.9	570	ug/Kg
87-68-3	Hexachlorobutadiene	61	U	61	73.9	300	ug/Kg
105-60-2	Caprolactam	110	U	110	140	570	ug/Kg
59-50-7	4-Chloro-3-methylphenol	71	U	71	73.9	300	ug/Kg
90-12-0	1-Methylnaphthalene	42	U	42	73.9	300	ug/Kg
91-57-6	2-Methylnaphthalene	56	U	56	73.9	300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	140	570	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42	U	42	73.9	300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	73.9	300	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CB3	SDG No.:	BG071124
Lab Sample ID:	P3124-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.7
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
BG062031.D	1	7/5/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161926

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	45	U	45	73.9	300	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	57	73.9	300	ug/Kg
88-74-4	2-Nitroaniline	78	U	78	73.9	300	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	73.9	300	ug/Kg
606-20-2	2,6-Dinitrotoluene	35	U	35	73.9	300	ug/Kg
208-96-8	Acenaphthylene	50	U	50	73.9	300	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	140	570	ug/Kg
83-32-9	Acenaphthene	45	U	45	73.9	300	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	140	570	ug/Kg
100-02-7	4-Nitrophenol	77	U	77	140	570	ug/Kg
132-64-9	Dibenzofuran	47	U	47	73.9	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	61	U	61	73.9	300	ug/Kg
84-66-2	Diethylphthalate	57	U	57	73.9	300	ug/Kg
86-73-7	Fluorene	47	U	47	73.9	300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	35	U	35	73.9	300	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	140	570	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	66	U	66	140	570	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	73.9	300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	73.9	300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	45	U	45	73.9	300	ug/Kg
118-74-1	Hexachlorobenzene	49	U	49	73.9	300	ug/Kg
1912-24-9	Atrazine	49	U	49	140	570	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	140	570	ug/Kg
85-01-8	Phenanthrene	890		47	73.9	300	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	73.9	300	ug/Kg
120-12-7	Anthracene	150	J	43	73.9	300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	30	U	30	73.9	300	ug/Kg
86-74-8	Carbazole	100	J	59	140	570	ug/Kg
84-74-2	Di-n-butylphthalate	47	U	47	73.9	300	ug/Kg
206-44-0	Fluoranthene	1800		33	140	300	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CB3	SDG No.:	BG071124
Lab Sample ID:	P3124-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.7
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
BG062031.D	1	7/5/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161926

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		31	73.9	300	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	73.9	300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	90	U	90	140	570	ug/Kg
56-55-3	Benzo(a)anthracene	790		40	73.9	300	ug/Kg
218-01-9	Chrysene	960		42	73.9	300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	570		43	73.9	300	ug/Kg
117-84-0	Di-n-octyl phthalate	83	U	83	140	570	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		64	73.9	300	ug/Kg
207-08-9	Benzo(k)fluoranthene	390		66	73.9	300	ug/Kg
50-32-8	Benzo(a)pyrene	580		54	73.9	300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	410		49	73.9	300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	J	45	73.9	300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	310		56	73.9	300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	63	U	63	73.9	300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.302		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	8.045		20-120		20	SPK: -40
4165-62-2	Phenol-d5	28.279		10-130		71	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.457		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.852		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	26.698		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	29.273		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.845		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.103		10-140		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.363		1-145		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.525		10-145		79	SPK: -40
93951-97-4	Acenaphthylene-d8	31.916		15-120		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.344		10-150		78	SPK: -40
81103-79-9	Fluorene-d10	33.248		20-140		83	SPK: -40

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CB3	SDG No.:	BG071124
Lab Sample ID:	P3124-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.7
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
BG062031.D	1	7/5/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161926

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.284		10-130		86	SPK: -40
1719-06-8	Anthracene-d10	36.219		10-150		91	SPK: -40
1718-52-1	Pyrene-d10	31.634		10-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.705		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57189	8.041				
1146-65-2	Naphthalene-d8	265026	10.849				
15067-26-2	Acenaphthene-d10	179517	14.668				
1517-22-2	Phenanthrene-d10	405908	17.412				
1719-03-5	Chrysene-d12	355936	21.672				
1520-96-3	Perylene-d12	422372	24.886				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	460	J			3.711	
000079-39-0	Methacrylamide	220	J			3.969	
000770-35-4	1-Phenoxypropan-2-ol	510	J			11.584	
000057-10-3	n-Hexadecanoic acid	480	J			18.288	
000832-64-4	Phenanthrene, 4-methyl-	200	J			18.335	
000203-64-5	4H-Cyclopenta[def]phenanthrene	260	J			18.482	
000084-65-1	9,10-Anthracenedione	170	J			18.822	
000243-17-4	11H-Benzo[b]fluorene	180	J			20.309	
1000351-81-6	Heptacosyl pentafluoropropionate	470	J			21.308	
	(DEL) Alkane: Straight-Chain22.483	490	J			22.483	
E966796	Total Alkanes	490				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CB3MS	SDG No.:	BG071124
Lab Sample ID:	P3124-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.7
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062032.D	1	7/5/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161926

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	570		47	11.5	120	ug/Kg
100-52-7	Benzaldehyde	990		100	140	580	ug/Kg
110-86-1	Pyridine	700		130	290	580	ug/Kg
108-95-2	Phenol	1500		52	140	580	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1400		51	140	580	ug/Kg
95-57-8	2-Chlorophenol	1600		49	74.1	300	ug/Kg
95-48-7	2-Methylphenol	1500		54	140	580	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		70	140	580	ug/Kg
98-86-2	Acetophenone	1500		120	140	580	ug/Kg
106-44-5	4-Methylphenol	1500		92	140	580	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1300		140	74.1	300	ug/Kg
67-72-1	Hexachloroethane	1100		110	74.1	300	ug/Kg
98-95-3	Nitrobenzene	1600		110	74.1	300	ug/Kg
78-59-1	Isophorone	1300		120	74.1	300	ug/Kg
88-75-5	2-Nitrophenol	1600		100	74.1	300	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		56	74.1	300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300		78	74.1	300	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		66	74.1	300	ug/Kg
91-20-3	Naphthalene	1600		42	74.1	300	ug/Kg
106-47-8	4-Chloroaniline	890		63	74.1	580	ug/Kg
87-68-3	Hexachlorobutadiene	1800		61	74.1	300	ug/Kg
105-60-2	Caprolactam	1400		110	140	580	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		71	74.1	300	ug/Kg
90-12-0	1-Methylnaphthalene	1500		42	74.1	300	ug/Kg
91-57-6	2-Methylnaphthalene	1600		56	74.1	300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	680		170	140	580	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		42	74.1	300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2000		58	74.1	300	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CB3MS	SDG No.:	BG071124
Lab Sample ID:	P3124-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.7
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062032.D	1	7/5/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161926

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1600		45	74.1	300	ug/Kg
91-58-7	2-Chloronaphthalene	1600		58	74.1	300	ug/Kg
88-74-4	2-Nitroaniline	1900		78	74.1	300	ug/Kg
131-11-3	Dimethylphthalate	1600		52	74.1	300	ug/Kg
606-20-2	2,6-Dinitrotoluene	2000		35	74.1	300	ug/Kg
208-96-8	Acenaphthylene	1600		51	74.1	300	ug/Kg
99-09-2	3-Nitroaniline	1900		120	140	580	ug/Kg
83-32-9	Acenaphthene	1600		45	74.1	300	ug/Kg
51-28-5	2,4-Dinitrophenol	1900		230	140	580	ug/Kg
100-02-7	4-Nitrophenol	2700		77	140	580	ug/Kg
132-64-9	Dibenzofuran	1700		47	74.1	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	2100		61	74.1	300	ug/Kg
84-66-2	Diethylphthalate	1700		58	74.1	300	ug/Kg
86-73-7	Fluorene	1700		47	74.1	300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		35	74.1	300	ug/Kg
100-01-6	4-Nitroaniline	2000		42	140	580	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2200		66	140	580	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2000		42	74.1	300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		59	74.1	300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2000		45	74.1	300	ug/Kg
118-74-1	Hexachlorobenzene	1500		49	74.1	300	ug/Kg
1912-24-9	Atrazine	1300		49	140	580	ug/Kg
87-86-5	Pentachlorophenol	1900		150	140	580	ug/Kg
85-01-8	Phenanthrene	2600		47	74.1	300	ug/Kg
608-93-5	Pentachlorobenzene	1500		65	74.1	300	ug/Kg
120-12-7	Anthracene	2000		44	74.1	300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1800		30	74.1	300	ug/Kg
86-74-8	Carbazole	1800		59	140	580	ug/Kg
84-74-2	Di-n-butylphthalate	2000		47	74.1	300	ug/Kg
206-44-0	Fluoranthene	3300		33	140	300	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CB3MS	SDG No.:	BG071124
Lab Sample ID:	P3124-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.7
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062032.D	1	7/5/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161926

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2300		31	74.1	300	ug/Kg
85-68-7	Butylbenzylphthalate	2000		38	74.1	300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	790		91	140	580	ug/Kg
56-55-3	Benzo(a)anthracene	2600		40	74.1	300	ug/Kg
218-01-9	Chrysene	2700		42	74.1	300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2300		44	74.1	300	ug/Kg
117-84-0	Di-n-octyl phthalate	2000		84	140	580	ug/Kg
205-99-2	Benzo(b)fluoranthene	2800		65	74.1	300	ug/Kg
207-08-9	Benzo(k)fluoranthene	2500		66	74.1	300	ug/Kg
50-32-8	Benzo(a)pyrene	1400		54	74.1	300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		49	74.1	300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2100		45	74.1	300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	820		56	74.1	300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2000		63	74.1	300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.357		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	7.792	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	20.417		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.984		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.283		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	18.884		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	22.448		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.665		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.845		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.293		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.522		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	23.549		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.077		10-150		63	SPK: -40
81103-79-9	Fluorene-d10	25.416		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CB3MS	SDG No.:	BG071124
Lab Sample ID:	P3124-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.7
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062032.D	1	7/5/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161926

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.434		10-130		79	SPK: -40
1719-06-8	Anthracene-d10	28.178		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	23.47		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.412		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	48002	8.039				
1146-65-2	Naphthalene-d8	230089	10.853				
15067-26-2	Acenaphthene-d10	162645	14.672				
1517-22-2	Phenanthrene-d10	363776	17.416				
1719-03-5	Chrysene-d12	325150	21.676				
1520-96-3	Perylene-d12	387831	24.884				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	45	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CB3MSD	SDG No.:	BG071124
Lab Sample ID:	P3124-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.7
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062033.D	1	7/5/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161926

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	520		47	11.5	120	ug/Kg
100-52-7	Benzaldehyde	1000		100	140	570	ug/Kg
110-86-1	Pyridine	680		130	290	570	ug/Kg
108-95-2	Phenol	1600		52	140	570	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1500		51	140	570	ug/Kg
95-57-8	2-Chlorophenol	1700		49	74	300	ug/Kg
95-48-7	2-Methylphenol	1600		54	140	570	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		70	140	570	ug/Kg
98-86-2	Acetophenone	1600		110	140	570	ug/Kg
106-44-5	4-Methylphenol	1600		92	140	570	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1400		140	74	300	ug/Kg
67-72-1	Hexachloroethane	1200		110	74	300	ug/Kg
98-95-3	Nitrobenzene	1800		110	74	300	ug/Kg
78-59-1	Isophorone	1500		110	74	300	ug/Kg
88-75-5	2-Nitrophenol	1800		100	74	300	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		56	74	300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400		78	74	300	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		66	74	300	ug/Kg
91-20-3	Naphthalene	1700		42	74	300	ug/Kg
106-47-8	4-Chloroaniline	1000		63	74	570	ug/Kg
87-68-3	Hexachlorobutadiene	1900		61	74	300	ug/Kg
105-60-2	Caprolactam	1600		110	140	570	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2000		71	74	300	ug/Kg
90-12-0	1-Methylnaphthalene	1700		42	74	300	ug/Kg
91-57-6	2-Methylnaphthalene	1700		56	74	300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	650		170	140	570	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2000		42	74	300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2100		57	74	300	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CB3MSD	SDG No.:	BG071124
Lab Sample ID:	P3124-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.7
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062033.D	1	7/5/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161926

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1700		45	74	300	ug/Kg
91-58-7	2-Chloronaphthalene	1700		57	74	300	ug/Kg
88-74-4	2-Nitroaniline	2200		78	74	300	ug/Kg
131-11-3	Dimethylphthalate	1700		52	74	300	ug/Kg
606-20-2	2,6-Dinitrotoluene	2100		35	74	300	ug/Kg
208-96-8	Acenaphthylene	1700		51	74	300	ug/Kg
99-09-2	3-Nitroaniline	1900		110	140	570	ug/Kg
83-32-9	Acenaphthene	1800		45	74	300	ug/Kg
51-28-5	2,4-Dinitrophenol	2000		230	140	570	ug/Kg
100-02-7	4-Nitrophenol	2900		77	140	570	ug/Kg
132-64-9	Dibenzofuran	1800		47	74	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	2300		61	74	300	ug/Kg
84-66-2	Diethylphthalate	1900		57	74	300	ug/Kg
86-73-7	Fluorene	1900		47	74	300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1900		35	74	300	ug/Kg
100-01-6	4-Nitroaniline	2200		42	140	570	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2200		66	140	570	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2100		42	74	300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		59	74	300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2200		45	74	300	ug/Kg
118-74-1	Hexachlorobenzene	1600		49	74	300	ug/Kg
1912-24-9	Atrazine	1400		49	140	570	ug/Kg
87-86-5	Pentachlorophenol	2000		150	140	570	ug/Kg
85-01-8	Phenanthrene	2800		47	74	300	ug/Kg
608-93-5	Pentachlorobenzene	1700		64	74	300	ug/Kg
120-12-7	Anthracene	2200		44	74	300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2000		30	74	300	ug/Kg
86-74-8	Carbazole	1900		59	140	570	ug/Kg
84-74-2	Di-n-butylphthalate	2100		47	74	300	ug/Kg
206-44-0	Fluoranthene	3500		33	140	300	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CB3MSD	SDG No.:	BG071124
Lab Sample ID:	P3124-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.7
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062033.D	1	7/5/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161926

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2500		31	74	300	ug/Kg
85-68-7	Butylbenzylphthalate	2100		38	74	300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	970		91	140	570	ug/Kg
56-55-3	Benzo(a)anthracene	2800		40	74	300	ug/Kg
218-01-9	Chrysene	2900		42	74	300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2600		44	74	300	ug/Kg
117-84-0	Di-n-octyl phthalate	2200		84	140	570	ug/Kg
205-99-2	Benzo(b)fluoranthene	3000		64	74	300	ug/Kg
207-08-9	Benzo(k)fluoranthene	2500		66	74	300	ug/Kg
50-32-8	Benzo(a)pyrene	1500		54	74	300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900		49	74	300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2300		45	74	300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	830		56	74	300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2100		63	74	300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.268		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	7.223	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	21.469		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.576		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.644		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	20.515		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	26.497		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.359		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.573		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.45		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.665		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	25.641		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.726		10-150		67	SPK: -40
81103-79-9	Fluorene-d10	27.562		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	A4CB3MSD	SDG No.:	BG071124
Lab Sample ID:	P3124-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.7
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062033.D	1	7/5/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161926

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.238		10-130		83	SPK: -40
1719-06-8	Anthracene-d10	30.743		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	24.701		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.238		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	52040	8.035				
1146-65-2	Naphthalene-d8	237489	10.849				
15067-26-2	Acenaphthene-d10	167708	14.674				
1517-22-2	Phenanthrene-d10	371691	17.418				
1719-03-5	Chrysene-d12	334171	21.678				
1520-96-3	Perylene-d12	403291	24.886				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	45	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4BR7	SDG No.:	BG071124
Lab Sample ID:	P3088-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.7
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062034.D	1	7/2/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	42	U	42	10.3	100	ug/Kg
100-52-7	Benzaldehyde	90	U	90	130	510	ug/Kg
110-86-1	Pyridine	120	U	120	260	510	ug/Kg
108-95-2	Phenol	47	U	47	130	510	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	130	510	ug/Kg
95-57-8	2-Chlorophenol	44	U	44	66.1	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	66.1	260	ug/Kg
67-72-1	Hexachloroethane	95	U	95	66.1	260	ug/Kg
98-95-3	Nitrobenzene	100	U	100	66.1	260	ug/Kg
78-59-1	Isophorone	100	U	100	66.1	260	ug/Kg
88-75-5	2-Nitrophenol	93	U	93	66.1	260	ug/Kg
105-67-9	2,4-Dimethylphenol	50	U	50	66.1	260	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	70	U	70	66.1	260	ug/Kg
120-83-2	2,4-Dichlorophenol	59	U	59	66.1	260	ug/Kg
91-20-3	Naphthalene	37	U	37	66.1	260	ug/Kg
106-47-8	4-Chloroaniline	56	U	56	66.1	510	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	66.1	260	ug/Kg
105-60-2	Caprolactam	100	U	100	130	510	ug/Kg
59-50-7	4-Chloro-3-methylphenol	64	U	64	66.1	260	ug/Kg
90-12-0	1-Methylnaphthalene	37	U	37	66.1	260	ug/Kg
91-57-6	2-Methylnaphthalene	50	U	50	66.1	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	130	510	ug/Kg
88-06-2	2,4,6-Trichlorophenol	37	U	37	66.1	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	66.1	260	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4BR7	SDG No.:	BG071124
Lab Sample ID:	P3088-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062034.D	1	7/2/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	40	U	40	66.1	260	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	66.1	260	ug/Kg
88-74-4	2-Nitroaniline	70	U	70	66.1	260	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	66.1	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	66.1	260	ug/Kg
208-96-8	Acenaphthylene	45	U	45	66.1	260	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	130	510	ug/Kg
83-32-9	Acenaphthene	40	U	40	66.1	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	66.1	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	66.1	260	ug/Kg
84-66-2	Diethylphthalate	51	U	51	66.1	260	ug/Kg
86-73-7	Fluorene	42	U	42	66.1	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31	U	31	66.1	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	66.1	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	66.1	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	40	U	40	66.1	260	ug/Kg
118-74-1	Hexachlorobenzene	44	U	44	66.1	260	ug/Kg
1912-24-9	Atrazine	44	U	44	130	510	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	130	510	ug/Kg
85-01-8	Phenanthrene	590		42	66.1	260	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	66.1	260	ug/Kg
120-12-7	Anthracene	97	J	39	66.1	260	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	26	U	26	66.1	260	ug/Kg
86-74-8	Carbazole	53	U	53	130	510	ug/Kg
84-74-2	Di-n-butylphthalate	42	U	42	66.1	260	ug/Kg
206-44-0	Fluoranthene	1100		30	130	260	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4BR7	SDG No.:	BG071124
Lab Sample ID:	P3088-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062034.D	1	7/2/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	850		28	66.1	260	ug/Kg
85-68-7	Butylbenzylphthalate	86	J	34	66.1	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	81	U	81	130	510	ug/Kg
56-55-3	Benzo(a)anthracene	510		36	66.1	260	ug/Kg
218-01-9	Chrysene	580		37	66.1	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	330		39	66.1	260	ug/Kg
117-84-0	Di-n-octyl phthalate	75	U	75	130	510	ug/Kg
205-99-2	Benzo(b)fluoranthene	740		58	66.1	260	ug/Kg
207-08-9	Benzo(k)fluoranthene	290		59	66.1	260	ug/Kg
50-32-8	Benzo(a)pyrene	360		48	66.1	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260		44	66.1	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	J	40	66.1	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	J	50	66.1	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	56	U	56	66.1	260	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	4.024	*	20-120		10	SPK: -40
17647-74-4	1,4-Dioxane-d8	3.934		15-120		49	SPK: -8
4165-62-2	Phenol-d5	23.191		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.262		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.354		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	20.313		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	25.926		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.886		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.773		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.176		1-145		20	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.207		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	26.533		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.934		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	26.223		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	A4BR7	SDG No.:	BG071124
Lab Sample ID:	P3088-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062034.D	1	7/2/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.173		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	26.435		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	24.333		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.503		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65932	8.035				
1146-65-2	Naphthalene-d8	308026	10.856				
15067-26-2	Acenaphthene-d10	208872	14.669				
1517-22-2	Phenanthrene-d10	470267	17.413				
1719-03-5	Chrysene-d12	422828	21.678				
1520-96-3	Perylene-d12	516978	24.886				
TENTATIVE IDENTIFIED COMPOUNDS							
000565-60-6	2-Pentanol, 3-methyl-	130	J			3.711	
000079-39-0	Methacrylamide	120	J			3.97	
000770-35-4	1-Phenoxypropan-2-ol	150	J			11.584	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	210	J			18.288	
000832-69-9	Phenanthrene, 1-methyl-	150	J			18.335	
	unknown-01	170	J			18.482	
000084-65-1	9,10-Anthracenedione	120	J			18.829	
E966796	Total Alkanes	40	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG071124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4CZ3								
P3088-06	A4CZ3	Solid	(DEL) Alkane: Straight-Chain21.8 *	200.000	J			
P3088-06	A4CZ3	Solid	(DEL) Alkane: Straight-Chain22.4 *	220.000	J			
P3088-06	A4CZ3	Solid	(DEL) Alkane: Straight-Chain23.1 *	140.000	J			
P3088-06	A4CZ3	Solid	1-Octadecanesulphonyl chloride *	200.000	J			
P3088-06	A4CZ3	Solid	2-Propanol, 1-chloro- *	96.000	J			
P3088-06	A4CZ3	Solid	Total Alkanes *	560.000		34	220	ug/Kg
Total Tics :				1,416.00				
Total Concentration:				1,416.00				
Client ID : A4CZ4								
P3088-07	A4CZ4	Solid	(DEL) Alkane: Straight-Chain21.8 *	150.000	J			
P3088-07	A4CZ4	Solid	(DEL) Alkane: Straight-Chain21.8 *	140.000	J			
P3088-07	A4CZ4	Solid	(DEL) Alkane: Straight-Chain22.4 *	170.000	J			
P3088-07	A4CZ4	Solid	(DEL) Alkane: Straight-Chain23.1 *	130.000	J			
P3088-07	A4CZ4	Solid	(DEL) Alkane: Straight-Chain23.9 *	110.000	J			
P3088-07	A4CZ4	Solid	1-Phenoxypropan-2-ol *	110.000	J			
P3088-07	A4CZ4	Solid	Total Alkanes *	700.000		31	210	ug/Kg
Total Tics :				1,510.00				
P3088-07	A4CZ4	Solid	Benzaldehyde	130.000	J	70	400	ug/Kg
Total Svoc :				130.00				
Total Concentration:				1,640.00				
Client ID : A4BR7								
P3088-09	A4BR7	Solid	1-Phenoxypropan-2-ol *	150.000	J			
P3088-09	A4BR7	Solid	1H-Cyclopropa[1]phenanthrene,1a *	210.000	J			
P3088-09	A4BR7	Solid	2-Pentanol, 3-methyl- *	130.000	J			
P3088-09	A4BR7	Solid	9,10-Anthracenedione *	120.000	J			
P3088-09	A4BR7	Solid	Methacrylamide *	120.000	J			
P3088-09	A4BR7	Solid	Phenanthrene, 1-methyl- *	150.000	J			
P3088-09	A4BR7	Solid	unknown-01 *	170.000	J			
P3088-09	A4BR7	Solid	Total Alkanes *	0.000		40	260	ug/Kg
Total Tics :				1,050.00				
P3088-09	A4BR7	Solid	Anthracene	97.000	J	39	260	ug/Kg
P3088-09	A4BR7	Solid	Benzo(a)anthracene	510.000		36	260	ug/Kg
P3088-09	A4BR7	Solid	Benzo(a)pyrene	360.000		48	260	ug/Kg
P3088-09	A4BR7	Solid	Benzo(b)fluoranthene	740.000		58	260	ug/Kg
P3088-09	A4BR7	Solid	Benzo(g,h,i)perylene	170.000	J	50	260	ug/Kg
P3088-09	A4BR7	Solid	Benzo(k)fluoranthene	290.000		59	260	ug/Kg
P3088-09	A4BR7	Solid	Bis(2-ethylhexyl)phthalate	330.000		39	260	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG071124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3088-09	A4BR7	Solid	Butylbenzylphthalate	86.000	J	34	260	ug/Kg
P3088-09	A4BR7	Solid	Chrysene	580.000		37	260	ug/Kg
P3088-09	A4BR7	Solid	Dibenzo(a,h)anthracene	110.000	J	40	260	ug/Kg
P3088-09	A4BR7	Solid	Fluoranthene	1,100.000		30	260	ug/Kg
P3088-09	A4BR7	Solid	Indeno(1,2,3-cd)pyrene	260.000		44	260	ug/Kg
P3088-09	A4BR7	Solid	Phenanthrene	590.000		42	260	ug/Kg
P3088-09	A4BR7	Solid	Pyrene	850.000		28	260	ug/Kg
Total Svoc :				6,073.00				
Total Concentration:				7,123.00				
Client ID : A4CY4								
P3088-12	A4CY4	Solid	1,1-Biphenyl, 2,3,5-trichloro-	*	130.000	J		
P3088-12	A4CY4	Solid	1-Phenoxypropan-2-ol	*	130.000	J		
P3088-12	A4CY4	Solid	2-Pentanol, 4-methyl-	*	160.000	J		
P3088-12	A4CY4	Solid	Total Alkanes	*	0.000	46	300	ug/Kg
Total Tics :				420.00				
Total Concentration:				420.00				
Client ID : A4CY5								
P3088-13	A4CY5	Solid	1-Phenoxypropan-2-ol	*	190.000	J		
P3088-13	A4CY5	Solid	2-Butanol, 3-methyl-	*	220.000	J		
P3088-13	A4CY5	Solid	Total Alkanes	*	0.000	45	290	ug/Kg
Total Tics :				410.00				
Total Concentration:				410.00				
Client ID : A4D11								
P3088-16	A4D11	Solid	(DEL) Alkane: Straight-Chain20.3	*	120.000	J		
P3088-16	A4D11	Solid	(DEL) Alkane: Straight-Chain21.8	*	150.000	J		
P3088-16	A4D11	Solid	(DEL) Alkane: Straight-Chain22.4	*	1,700.000	J		
P3088-16	A4D11	Solid	(DEL) Alkane: Straight-Chain23.9	*	230.000	J		
P3088-16	A4D11	Solid	1,13-Tetradecadiene	*	200.000	J		
P3088-16	A4D11	Solid	1-Hexadecanol	*	1,500.000	J		
P3088-16	A4D11	Solid	1-Phenoxypropan-2-ol	*	270.000	J		
P3088-16	A4D11	Solid	Bromoacetic acid, hexadecyl ester	*	92.000	J		
P3088-16	A4D11	Solid	Pentadecanal-	*	150.000	J		
P3088-16	A4D11	Solid	Total Alkanes	*	2,200.000	31	200	ug/Kg
Total Tics :				6,612.00				
Total Concentration:				6,612.00				
Client ID : A4CB3								
P3124-01	A4CB3	Solid	(DEL) Alkane: Straight-Chain22.4	*	490.000	J		
P3124-01	A4CB3	Solid	1-Phenoxypropan-2-ol	*	510.000	J		
P3124-01	A4CB3	Solid	11H-Benzo[b]fluorene	*	180.000	J		

Hit Summary Sheet SW-846

SDG No.: BG071124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3124-01	A4CB3	Solid	4H-Cyclopenta[def]phenanthrene	*	260.000	J		
P3124-01	A4CB3	Solid	9,10-Anthracenedione	*	170.000	J		
P3124-01	A4CB3	Solid	Heptacosyl pentafluoropropionate	*	470.000	J		
P3124-01	A4CB3	Solid	Methacrylamide	*	220.000	J		
P3124-01	A4CB3	Solid	n-Hexadecanoic acid	*	480.000	J		
P3124-01	A4CB3	Solid	Phenanthrene, 4-methyl-	*	200.000	J		
P3124-01	A4CB3	Solid	unknown-01	*	460.000	J		
P3124-01	A4CB3	Solid	Total Alkanes	*	490.000		45	300 ug/Kg
Total Tics :					3,930.00			
P3124-01	A4CB3	Solid	Anthracene		150.000	J	43	300 ug/Kg
P3124-01	A4CB3	Solid	Benzo(a)anthracene		790.000		40	300 ug/Kg
P3124-01	A4CB3	Solid	Benzo(a)pyrene		580.000		54	300 ug/Kg
P3124-01	A4CB3	Solid	Benzo(b)fluoranthene		1,300.000		64	300 ug/Kg
P3124-01	A4CB3	Solid	Benzo(g,h,i)perylene		310.000		56	300 ug/Kg
P3124-01	A4CB3	Solid	Benzo(k)fluoranthene		390.000		66	300 ug/Kg
P3124-01	A4CB3	Solid	Bis(2-ethylhexyl)phthalate		570.000		43	300 ug/Kg
P3124-01	A4CB3	Solid	Carbazole		100.000	J	59	570 ug/Kg
P3124-01	A4CB3	Solid	Chrysene		960.000		42	300 ug/Kg
P3124-01	A4CB3	Solid	Dibenzo(a,h)anthracene		160.000	J	45	300 ug/Kg
P3124-01	A4CB3	Solid	Fluoranthene		1,800.000		33	300 ug/Kg
P3124-01	A4CB3	Solid	Indeno(1,2,3-cd)pyrene		410.000		49	300 ug/Kg
P3124-01	A4CB3	Solid	Phenanthrene		890.000		47	300 ug/Kg
P3124-01	A4CB3	Solid	Pyrene		1,200.000		31	300 ug/Kg
Total Svoc :					9,610.00			
Total Concentration:					13,540.00			
Client ID : A4CZ2								
P3125-01	A4CZ2	Solid	1-Phenoxypropan-2-ol	*	340.000	J		
P3125-01	A4CZ2	Solid	Octadecanoic acid	*	150.000	J		
P3125-01	A4CZ2	Solid	Oxalic acid, allyl octadecyl ester	*	950.000	J		
P3125-01	A4CZ2	Solid	Tridecanoic acid	*	470.000	J		
P3125-01	A4CZ2	Solid	unknown-01	*	360.000	J		
P3125-01	A4CZ2	Solid	Total Alkanes	*	0.000		37	240 ug/Kg
Total Tics :					2,270.00			
P3125-01	A4CZ2	Solid	Anthracene		55.000	J	36	240 ug/Kg
P3125-01	A4CZ2	Solid	Benzo(a)anthracene		290.000		33	240 ug/Kg
P3125-01	A4CZ2	Solid	Benzo(a)pyrene		120.000	J	44	240 ug/Kg
P3125-01	A4CZ2	Solid	Benzo(b)fluoranthene		430.000		53	240 ug/Kg
P3125-01	A4CZ2	Solid	Benzo(k)fluoranthene		190.000	J	54	240 ug/Kg
P3125-01	A4CZ2	Solid	Bis(2-ethylhexyl)phthalate		65.000	J	36	240 ug/Kg
P3125-01	A4CZ2	Solid	Chrysene		360.000		34	240 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG071124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3125-01	A4CZ2	Solid	Dibenzo(a,h)anthracene	73.000	J	37	240	ug/Kg
P3125-01	A4CZ2	Solid	Fluoranthene	560.000		27	240	ug/Kg
P3125-01	A4CZ2	Solid	Indeno(1,2,3-cd)pyrene	120.000	J	40	240	ug/Kg
P3125-01	A4CZ2	Solid	Phenanthrene	320.000		39	240	ug/Kg
P3125-01	A4CZ2	Solid	Pyrene	330.000		26	240	ug/Kg
Total Svoc :				2,913.00				
Total Concentration:				5,183.00				

Client ID : A4D00

P3139-01	A4D00	Solid	(6Z,9Z)-6,9-Pentacosadiene *	740.000	J			
P3139-01	A4D00	Solid	(DEL) Alkane: Straight-Chain19.2 *	110.000	J			
P3139-01	A4D00	Solid	(DEL) Alkane: Straight-Chain21.2 *	2,800.000	J			
P3139-01	A4D00	Solid	(DEL) Alkane: Straight-Chain26.6 *	1,800.000	J			
P3139-01	A4D00	Solid	1-Iodoundecane *	250.000	J			
P3139-01	A4D00	Solid	1-Propanol, 3-phenoxy- *	120.000	J			
P3139-01	A4D00	Solid	11-Bromoundecanoic acid *	120.000	J			
P3139-01	A4D00	Solid	n-Tetracosanol-1 *	4,900.000	J			
P3139-01	A4D00	Solid	Octadecanal *	580.000	J			
P3139-01	A4D00	Solid	Octadecane, 1-(ethenylloxy)- *	240.000	J			
P3139-01	A4D00	Solid	Octadecyl trifluoroacetate *	860.000	J			
P3139-01	A4D00	Solid	Tetradecanoic acid *	370.000	J			
P3139-01	A4D00	Solid	unknown-01 *	160.000	J			
P3139-01	A4D00	Solid	Total Alkanes *	4,700.000		34	220	ug/Kg
Total Tics :				17,750.00				
P3139-01	A4D00	Solid	Benzo(a)anthracene	95.000	J	30	220	ug/Kg
P3139-01	A4D00	Solid	Benzo(a)pyrene	49.000	J	40	220	ug/Kg
P3139-01	A4D00	Solid	Benzo(b)fluoranthene	150.000	J	48	220	ug/Kg
P3139-01	A4D00	Solid	Benzo(k)fluoranthene	65.000	J	49	220	ug/Kg
P3139-01	A4D00	Solid	Chrysene	140.000	J	31	220	ug/Kg
P3139-01	A4D00	Solid	Fluoranthene	230.000		24	220	ug/Kg
P3139-01	A4D00	Solid	Indeno(1,2,3-cd)pyrene	49.000	J	36	220	ug/Kg
P3139-01	A4D00	Solid	Phenanthrene	120.000	J	35	220	ug/Kg
P3139-01	A4D00	Solid	Pyrene	140.000	J	23	220	ug/Kg
Total Svoc :				1,038.00				
Total Concentration:				18,788.00				

Client ID : E08E4

P3198-01	E08E4	Water	Nonanoic acid *	4.400	J			
P3198-01	E08E4	Water	Phenol, 4-(1,1-dimethylpropyl)- *	3.700	J			
P3198-01	E08E4	Water	Sesquirosefuran *	260.000	J			
P3198-01	E08E4	Water	Urs-20-en-16-ol, (16.beta.,18.alph *	14.000	J			

Hit Summary Sheet SW-846

SDG No.: BG071124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3198-01	E08E4	Water	Total Alkanes	*	0.000	1	5.1	ug/L
Total Tics :						282.10		
Total Concentration:						282.10		
Client ID : E08E7								
P3198-03	E08E7	Water	1,2-Cyclohexanedicarboxylic acid *		6.100	J		
P3198-03	E08E7	Water	Hexanoic acid	*	5.600	J		
P3198-03	E08E7	Water	Octanoic acid	*	3.100	J		
P3198-03	E08E7	Water	Phenol, 4-(1,1-dimethylpropyl)-	*	12.000	J		
P3198-03	E08E7	Water	Total Alkanes	*	0.000	0.99	5	ug/L
Total Tics :						26.80		
Total Concentration:						26.80		

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG070224 SAS No.: BG070224 SDG No.: BG070224

Instrument ID: _____ Calibration Date(s): 7/2/2024 1: _____

Calibration Time(s): 18:39 _____

LAB FILE ID:		RRFAL1 = BG061850.D		RRFAL2 = BG061851.D		RRFAL3 = BG061852.D		
		RRFAL4 = BG061853.D		RRFAL5 = BG061854.D		RRFAL6 = BG061855.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.634	0.588	0.586	0.560	0.569		0.587	4.8
Benzaldehyde		1.263	1.421	1.270	1.026	0.812	1.158	20.7
Pyridine		1.656	1.728	1.709	1.647	1.651	1.678	2.2
Hexachloroethane	0.683	0.651	0.686	0.660	0.638		0.664	3.1
Nitrobenzene	0.421	0.429	0.433	0.442	0.434		0.432	1.8
Isophorone	1.036	1.021	1.014	0.923	0.883		0.975	7.0
2-Nitrophenol	0.164	0.167	0.187	0.182	0.186		0.177	6.2
2,4-Dimethylphenol	0.413	0.428	0.447	0.423	0.409		0.424	3.5
Bis(2-Chloroethoxy)methane	0.558	0.562	0.551	0.526	0.489		0.537	5.6
2,4-Dichlorophenol	0.325	0.306	0.331	0.306	0.306		0.315	3.8
Naphthalene	1.084	1.112	1.154	1.093	1.050		1.099	3.5
4-Chloroaniline		0.498	0.518	0.479	0.453	0.439	0.477	6.8
Hexachlorobutadiene	0.235	0.231	0.248	0.234	0.237		0.237	2.7
Phenol		2.180	2.239	2.303	2.205	2.277	2.241	2.2
Caprolactam		0.128	0.144	0.118	0.115	0.110	0.123	10.9
4-Chloro-3-methylphenol	0.412	0.433	0.439	0.410	0.402		0.419	3.9
1-Methylnaphthalene	0.834	0.858	0.873	0.807	0.765		0.827	5.2
2-Methylnaphthalene	0.793	0.837	0.833	0.775	0.742		0.796	5.1
Hexachlorocyclopentadiene		0.354	0.377	0.407	0.427	0.433	0.400	8.4
2,4,6-Trichlorophenol	0.396	0.384	0.401	0.408	0.405		0.399	2.4
2,4,5-Trichlorophenol	0.447	0.430	0.442	0.434	0.439		0.438	1.5
1,1-Biphenyl	1.560	1.582	1.558	1.518	1.488		1.541	2.4
2-Chloronaphthalene	1.191	1.149	1.175	1.147	1.121		1.157	2.3
2-Nitroaniline	0.423	0.438	0.479	0.486	0.490		0.463	6.6
Bis(2-Chloroethyl)ether		1.802	1.704	1.749	1.688	1.664	1.721	3.2
Dimethylphthalate	1.651	1.598	1.668	1.514	1.476		1.582	5.3
2,6-Dinitrotoluene	0.276	0.287	0.315	0.313	0.309		0.300	5.8
Acenaphthylene	1.945	1.888	1.929	1.875	1.799		1.887	3.0
3-Nitroaniline		0.287	0.326	0.304	0.280	0.263	0.292	8.3
Acenaphthene	1.314	1.306	1.338	1.305	1.251		1.303	2.4
2,4-Dinitrophenol		0.116	0.152	0.157	0.175	0.184	0.157	16.9
4-Nitrophenol		0.283	0.317	0.303	0.304	0.293	0.300	4.2
Dibenzofuran	1.892	1.880	1.907	1.817	1.712		1.842	4.4
2,4-Dinitrotoluene	0.420	0.419	0.445	0.456	0.459		0.440	4.4
Diethylphthalate	1.799	1.730	1.804	1.638	1.550		1.704	6.4
2-Chlorophenol	1.390	1.576	1.601	1.546	1.535		1.530	5.4

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.: BG070224 SAS No.: BG070224 SDG No.: BG070224
Instrument ID: _____ Calibration Date(s): 7/2/2024 1: _____
Calibration Time(s): 18:39 _____

LAB FILE ID:		RRFAL1 = BG061850.D		RRFAL2 = BG061851.D		RRFAL3 = BG061852.D		
		RRFAL4 = BG061853.D		RRFAL5 = BG061854.D		RRFAL6 = BG061855.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.751	1.562	1.592	1.498	1.427		1.566	7.8
4-Chlorophenyl-phenylether	0.829	0.823	0.808	0.748	0.724		0.787	6.0
4-Nitroaniline		0.267	0.358	0.312	0.282	0.263	0.296	13.4
4,6-Dinitro-2-methylphenol		0.087	0.113	0.121	0.122	0.123	0.113	13.4
N-Nitrosodiphenylamine	0.554	0.553	0.564	0.546	0.514		0.546	3.5
1,2,4,5-Tetrachlorobenzene	0.596	0.582	0.613	0.609	0.603		0.601	2.1
4-Bromophenyl-phenylether	0.228	0.219	0.231	0.235	0.222		0.227	2.9
Hexachlorobenzene	0.270	0.260	0.272	0.253	0.250		0.261	3.8
Atrazine		0.218	0.238	0.217	0.205	0.200	0.216	6.8
Pentachlorophenol		0.123	0.145	0.147	0.150	0.151	0.143	8.0
2-Methylphenol		1.536	1.631	1.651	1.589	1.589	1.599	2.8
Phenanthrene	1.087	1.055	1.103	1.052	0.976		1.055	4.6
Pentachlorobenzene	0.275	0.274	0.288	0.289	0.290		0.283	2.8
Anthracene	1.138	1.090	1.145	1.074	1.002		1.090	5.3
1,2,3,4-Tetrachlorobenzene	0.235	0.242	0.250	0.257	0.259		0.248	4.2
Carbazole		0.931	1.033	0.940	0.868	0.814	0.917	9.0
Di-n-butylphthalate	1.238	1.155	1.261	1.172	1.061		1.178	6.7
Fluoranthene	1.465	1.388	1.437	1.392	1.280		1.392	5.1
Pyrene	1.497	1.451	1.506	1.432	1.304		1.438	5.6
Butylbenzylphthalate	0.637	0.594	0.626	0.600	0.561		0.604	4.9
3,3-Dichlorobenzidine		0.490	0.530	0.508	0.448	0.403	0.476	10.6
2,2-oxybis (1-Chloropropane)		3.852	3.804	3.842	3.663	3.644	3.761	2.7
Benzo (a) anthracene	1.494	1.442	1.493	1.453	1.359		1.448	3.8
Chrysene	1.435	1.346	1.409	1.343	1.244		1.356	5.5
Bis (2-ethylhexyl) phthalate	0.924	0.866	0.894	0.858	0.788		0.866	5.9
Di-n-octyl phthalate		1.315	1.302	1.265	1.155	1.073	1.222	8.5
Benzo (b) fluoranthene	1.338	1.253	1.298	1.256	1.156		1.260	5.4
Benzo (k) fluoranthene	1.330	1.255	1.275	1.265	1.158		1.257	4.9
Benzo (a) pyrene	1.253	1.176	1.231	1.201	1.106		1.193	4.8
Indeno (1,2,3-cd) pyrene	1.589	1.518	1.547	1.534	1.436		1.525	3.7
Dibenzo (a,h) anthracene	1.309	1.246	1.284	1.275	1.182		1.259	3.9
Benzo (g,h,i) perylene	1.264	1.200	1.238	1.212	1.151		1.213	3.5
Acetophenone		3.076	2.836	2.936	2.737	2.648	2.847	5.9
2,3,4,6-Tetrachlorophenol	0.375	0.395	0.425	0.385	0.399		0.396	4.7
1,4-Dioxane-d8	0.490	0.539	0.561	0.566	0.505		0.532	6.3
Pyridine-d5		1.719	1.656	1.633	1.583	1.591	1.636	3.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG070224 SAS No.: BG070224 SDG No.: BG070224
Instrument ID: _____ Calibration Date(s): 7/2/2024 1: _____
Calibration Time(s): 18:39 _____

LAB FILE ID:		RRFAL1 = BG061850.D			RRFAL2 = BG061851.D		RRFAL3 = BG061852.D	
		RRFAL4 = BG061853.D			RRFAL5 = BG061854.D		RRFAL6 = BG061855.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		2.148	2.226	2.182	2.176	2.212	2.189	1.4
Bis-(2-Chloroethyl)ether-d8		1.446	1.394	1.396	1.367	1.327	1.386	3.1
2-Chlorophenol-d4	1.468	1.495	1.479	1.548	1.517		1.501	2.1
4-Methylphenol-d8		1.727	1.692	1.758	1.714	1.726	1.723	1.4
Nitrobenzene-d5	0.147	0.146	0.157	0.154	0.156		0.152	3.5
2-Nitrophenol-d4	0.154	0.166	0.185	0.179	0.184		0.174	7.7
2,4-Dichlorophenol-d3	0.325	0.318	0.356	0.343	0.334		0.335	4.5
4-Chloroaniline-d4		0.512	0.523	0.483	0.464	0.450	0.486	6.3
4-Methylphenol		1.800	1.799	1.847	1.765	1.745	1.791	2.2
Dimethylphthalate-d6	1.689	1.710	1.711	1.587	1.525		1.644	5.1
Acenaphthylene-d8	1.692	1.727	1.769	1.740	1.669		1.719	2.3
4-Nitrophenol-d4		0.228	0.287	0.274	0.270	0.254	0.263	8.6
Fluorene-d10	1.421	1.410	1.433	1.357	1.299		1.384	4.0
4,6-Dinitro-2-methylphenol-		0.087	0.099	0.109	0.113	0.116	0.105	11.3
Anthracene-d10	0.962	0.925	0.980	0.933	0.869		0.934	4.5
Pyrene-d10	1.200	1.172	1.254	1.173	1.083		1.176	5.3
Benzo(a)pyrene-d12	1.005	0.981	1.025	1.013	0.935		0.992	3.6
N-Nitroso-di-n-propylamine	1.587	1.662	1.582	1.632	1.506		1.594	3.7

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.: BG071124 SAS No.: BG071124 SDG NO.: BG071124

EPA Sample No.: SSTD020448 Date Analyzed: Jul 11 2024 12:00AM

Lab File ID: BG061852.D Time Analyzed: 12:51

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	46570	8.1	230685	10.91	172810	14.72
	UPPER LIMIT	93140	8.6	461370	11.414	345620	15.222
	LOWER LIMIT	23285	7.6	115342.5	10.414	86405	14.222
	EPA SAMPLE NO.						
01	SBLK928	36274	8.04	174531	10.85	127876	14.67
02	SLCS928	34693	8.04	161720	10.85	120746	14.67
03	SBLK824	35558	8.04	187050	10.85	151557	14.67
04	A4CZ3	47823	8.03	199335	10.85	171260	14.67
05	A4CZ4	45300	8.04	184620	10.85	153012	14.67
06	SBLK883	47656	8.04	212329	10.85	140103	14.67
07	SBLK825	46774	8.04	220143	10.85	174470	14.67
08	A4CZ2	54505	8.04	263734	10.85	191753	14.67
09	A4CZ2MS	47470	8.04	223094	10.85	159273	14.67
10	A4CZ2MSD	50584	8.04	233470	10.86	165011	14.67
11	A4D00	51371	8.04	215601	10.85	151801	14.67
12	A4D00MS	44445	8.04	211755	10.86	138496	14.67
13	A4D00MSD	53681	8.04	239584	10.85	167521	14.67
14	E08E4	51599	8.04	240934	10.86	166606	14.67
15	E08E7	49054	8.04	218871	10.85	157890	14.67
16	A4CY4	53304	8.04	254350	10.85	178276	14.67
17	A4CY5	48529	8.04	227773	10.85	162209	14.67
18	A4D11	55546	8.04	263956	10.85	184980	14.67
19	SBLK949	55691	8.04	249418	10.85	183046	14.67
20	SLCS926	57314	8.04	265706	10.86	190642	14.67
21	SBLK926	68795	8.04	320308	10.85	233825	14.67
22	SBLK020	53680	8.04	232316	10.85	169307	14.67
23	A4CB3	57189	8.04	265026	10.85	179517	14.67

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG071124 SAS No.: BG071124 SDG NO.: BG071124

EPA Sample No.: SSTD020448 Date Analyzed: Jul 12 2024 12:00AM

Lab File ID: BG061852.D Time Analyzed: 07:21

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	46570	8.1	230685	10.91	172810	14.72
UPPER LIMIT	93140	8.6	461370	11.414	345620	15.222
LOWER LIMIT	23285	7.6	115342.5	10.414	86405	14.222
EPA SAMPLE NO.						
24 A4CB3MS	48002	8.04	230089	10.85	162645	14.67
25 A4CB3MSD	52040	8.04	237489	10.85	167708	14.67
26 A4BR7	65932	8.04	308026	10.86	208872	14.67

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.: BG071124 SAS No.: BG071124 SDG NO.: BG071124

EPA Sample No.: SSTD020566 Date Analyzed: Jul 11 2024 12:00AM

Lab File ID: BG062006.D Time Analyzed: 12:51

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	37580	8.041	201294	10.86	135142	14.67
UPPER LIMIT	75160	8.541	402588	11.355	270284	15.174
LOWER LIMIT	18790	7.541	100647	10.355	67571	14.174
EPA SAMPLE NO.						
01 SBLK928	36274	8.04	174531	10.85	127876	14.67
02 SLCS928	34693	8.04	161720	10.85	120746	14.67
03 SBLK824	35558	8.04	187050	10.85	151557	14.67
04 A4CZ3	47823	8.03	199335	10.85	171260	14.67
05 A4CZ4	45300	8.04	184620	10.85	153012	14.67

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.: BG071124 SAS No.: BG071124 SDG NO.: BG071124

EPA Sample No.: SSTD020567 Date Analyzed: Jul 11 2024 12:00AM

Lab File ID: BG062012.D Time Analyzed: 17:02

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	48069	8.042	219651	10.85	172918	14.67
UPPER LIMIT	96138	8.542	439302	11.35	345836	15.169
LOWER LIMIT	24034.5	7.542	109825.5	10.35	86459	14.169
EPA SAMPLE NO.						
01 SBLK883	47656	8.04	212329	10.85	140103	14.67
02 SBLK825	46774	8.04	220143	10.85	174470	14.67
03 A4CZ2	54505	8.04	263734	10.85	191753	14.67
04 A4CZ2MS	47470	8.04	223094	10.85	159273	14.67
05 A4CZ2MSD	50584	8.04	233470	10.86	165011	14.67
06 A4D00	51371	8.04	215601	10.85	151801	14.67
07 A4D00MS	44445	8.04	211755	10.86	138496	14.67
08 A4D00MSD	53681	8.04	239584	10.85	167521	14.67
09 E08E4	51599	8.04	240934	10.86	166606	14.67
10 E08E7	49054	8.04	218871	10.85	157890	14.67
11 A4CY4	53304	8.04	254350	10.85	178276	14.67
12 A4CY5	48529	8.04	227773	10.85	162209	14.67
13 A4D11	55546	8.04	263956	10.85	184980	14.67
14 SBLK949	55691	8.04	249418	10.85	183046	14.67
15 SLCS926	57314	8.04	265706	10.86	190642	14.67

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.: BG071124 SAS No.: BG071124 SDG NO.: BG071124

EPA Sample No.: SSTD020568 Date Analyzed: Jul 12 2024 12:00AM

Lab File ID: BG062028.D Time Analyzed: 05:19

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	47934	8.041	225031	10.85	162365	14.67
UPPER LIMIT	95868	8.541	450062	11.349	324730	15.174
LOWER LIMIT	23967	7.541	112515.5	10.349	81182.5	14.174
EPA SAMPLE NO.						
01 SBLK926	68795	8.04	320308	10.85	233825	14.67
02 SBLK020	53680	8.04	232316	10.85	169307	14.67
03 A4CB3	57189	8.04	265026	10.85	179517	14.67
04 A4CB3MS	48002	8.04	230089	10.85	162645	14.67
05 A4CB3MSD	52040	8.04	237489	10.85	167708	14.67
06 A4BR7	65932	8.04	308026	10.86	208872	14.67

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.: BG071124 SAS No.: BG071124 SDG NO.: BG071124

EPA Sample No.: SSTD020448 Date Analyzed: Jul 11 2024 12:00AM

Lab File ID: BG061852.D Time Analyzed: 12:51

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	424925	17.46	382594	21.725	449285	24.963
	UPPER LIMIT	849850	17.96	765188	22.225	898570	25.463
	LOWER LIMIT	212462.5	16.96	191297	21.225	224642.5	24.463
	EPA SAMPLE NO.						
01	SBLK928	333151	17.41	316514	21.67	384498	24.88
02	SLCS928	302571	17.41	283682	21.67	333235	24.88
03	SBLK824	353295	17.41	332815	21.67	373811	24.88
04	A4CZ3	438079	17.41	392563	21.67	474743	24.88
05	A4CZ4	406819	17.41	383912	21.67	458688	24.87
06	SBLK883	363338	17.42	381018	21.67	456523	24.88
07	SBLK825	460000	17.41	429448	21.67	489165	24.87
08	A4CZ2	449234	17.41	397082	21.67	475441	24.89
09	A4CZ2MS	368069	17.42	319230	21.68	371403	24.89
10	A4CZ2MSD	384719	17.42	334397	21.68	408037	24.89
11	A4D00	349514	17.41	306228	21.67	378402	24.88
12	A4D00MS	320830	17.42	285249	21.68	351804	24.89
13	A4D00MSD	388127	17.42	340136	21.68	412275	24.89
14	E08E4	376200	17.42	333719	21.67	414451	24.88
15	E08E7	369261	17.42	333035	21.67	401716	24.88
16	A4CY4	428490	17.41	393844	21.67	467423	24.89
17	A4CY5	396293	17.41	357448	21.67	435349	24.88
18	A4D11	437912	17.41	400285	21.67	477192	24.88
19	SBLK949	424689	17.41	386225	21.67	444718	24.88
20	SLCS926	457784	17.42	413490	21.68	485304	24.88
21	SBLK926	538562	17.42	499710	21.68	599816	24.88

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG071124 SAS No.: BG071124 SDG NO.: BG071124

EPA Sample No.: SSTD020448 Date Analyzed: Jul 12 2024 12:00AM

Lab File ID: BG061852.D Time Analyzed: 06:00

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	424925	17.46	382594	21.725	449285	24.963
UPPER LIMIT	849850	17.96	765188	22.225	898570	25.463
LOWER LIMIT	212462.5	16.96	191297	21.225	224642.5	24.463
EPA SAMPLE NO.						
22 SBLK020	393238	17.41	358066	21.67	431036	24.88
23 A4CB3	405908	17.41	355936	21.67	422372	24.89
24 A4CB3MS	363776	17.42	325150	21.68	387831	24.88
25 A4CB3MSD	371691	17.42	334171	21.68	403291	24.89
26 A4BR7	470267	17.41	422828	21.68	516978	24.89

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.: BG071124 SAS No.: BG071124 SDG NO.: BG071124

EPA Sample No.: SSTD020566 Date Analyzed: Jul 11 2024 12:00AM

Lab File ID: BG062006.D Time Analyzed: 12:51

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	343875	17.418	317588	21.678	377049	24.886
UPPER LIMIT	687750	17.918	635176	22.178	754098	25.386
LOWER LIMIT	171937.5	16.918	158794	21.178	188524.5	24.386
EPA SAMPLE NO.						
01 SBLK928	333151	17.41	316514	21.67	384498	24.88
02 SLCS928	302571	17.41	283682	21.67	333235	24.88
03 SBLK824	353295	17.41	332815	21.67	373811	24.88
04 A4CZ3	438079	17.41	392563	21.67	474743	24.88
05 A4CZ4	406819	17.41	383912	21.67	458688	24.87

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.: BG071124 SAS No.: BG071124 SDG NO.: BG071124

EPA Sample No.: SSTD020567 Date Analyzed: Jul 11 2024 12:00AM

Lab File ID: BG062012.D Time Analyzed: 17:02

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	444464	17.413	411252	21.673	478575	24.875
	UPPER LIMIT	888928	17.913	822504	22.173	957150	25.375
	LOWER LIMIT	222232	16.913	205626	21.173	239287.5	24.375
	EPA SAMPLE NO.						
01	SBLK883	363338	17.42	381018	21.67	456523	24.88
02	SBLK825	460000	17.41	429448	21.67	489165	24.87
03	A4CZ2	449234	17.41	397082	21.67	475441	24.89
04	A4CZ2MS	368069	17.42	319230	21.68	371403	24.89
05	A4CZ2MSD	384719	17.42	334397	21.68	408037	24.89
06	A4D00	349514	17.41	306228	21.67	378402	24.88
07	A4D00MS	320830	17.42	285249	21.68	351804	24.89
08	A4D00MSD	388127	17.42	340136	21.68	412275	24.89
09	E08E4	376200	17.42	333719	21.67	414451	24.88
10	E08E7	369261	17.42	333035	21.67	401716	24.88
11	A4CY4	428490	17.41	393844	21.67	467423	24.89
12	A4CY5	396293	17.41	357448	21.67	435349	24.88
13	A4D11	437912	17.41	400285	21.67	477192	24.88
14	SBLK949	424689	17.41	386225	21.67	444718	24.88
15	SLCS926	457784	17.42	413490	21.68	485304	24.88

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG071124 SAS No.: BG071124 SDG NO.: BG071124

EPA Sample No.: SSTD020567 Date Analyzed: Jul 12 2024 12:00AM

Lab File ID: BG062012.D Time Analyzed: 02:37

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	444464	17.413	411252	21.673	478575	24.875
UPPER LIMIT	888928	17.913	822504	22.173	957150	25.375
LOWER LIMIT	222232	16.913	205626	21.173	239287.5	24.375
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.: BG071124 SAS No.: BG071124 SDG NO.: BG071124

EPA Sample No.: SSTD020568 Date Analyzed: Jul 12 2024 12:00AM

Lab File ID: BG062028.D Time Analyzed: 05:19

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	384048	17.418	350467	21.672	416094	24.88
UPPER LIMIT	768096	17.918	700934	22.172	832188	25.38
LOWER LIMIT	192024	16.918	175233.5	21.172	208047	24.38
EPA SAMPLE NO.						
01 SBLK926	538562	17.42	499710	21.68	599816	24.88
02 SBLK020	393238	17.41	358066	21.67	431036	24.88
03 A4CB3	405908	17.41	355936	21.67	422372	24.89
04 A4CB3MS	363776	17.42	325150	21.68	387831	24.88
05 A4CB3MSD	371691	17.42	334171	21.68	403291	24.89
06 A4BR7	470267	17.41	422828	21.68	516978	24.89

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.: BG071124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161926BS	1,4-Dioxane	530	290	ug/Kg	55				0	0		
	Benzaldehyde	1300	860	ug/Kg	66				0	0		
	Pyridine	1300	710	ug/Kg	55				0	0		
	Phenol	1300	850	ug/Kg	65				0	0		
	Bis(2-chloroethyl)ether	1300	760	ug/Kg	58				0	0		
	2-Chlorophenol	1300	870	ug/Kg	67				0	0		
	2-Methylphenol	1300	840	ug/Kg	65				0	0		
	2,2-oxybis(1-Chloropropane)	1300	720	ug/Kg	55				0	0		
	Acetophenone	1300	790	ug/Kg	61				0	0		
	4-Methylphenol	1300	840	ug/Kg	65				0	0		
	N-Nitroso-di-n-propylamine	1300	730	ug/Kg	56				0	0		
	Hexachloroethane	1300	880	ug/Kg	68				0	0		
	Nitrobenzene	1300	950	ug/Kg	73				0	0		
	Isophorone	1300	770	ug/Kg	59				0	0		
	2-Nitrophenol	1300	960	ug/Kg	74				0	0		
	2,4-Dimethylphenol	1300	720	ug/Kg	55				0	0		
	Bis(2-chloroethoxy)methane	1300	770	ug/Kg	59				0	0		
	2,4-Dichlorophenol	1300	950	ug/Kg	73				0	0		
	Naphthalene	1300	880	ug/Kg	68				0	0		
	4-Chloroaniline	1300	740	ug/Kg	57				0	0		
	Hexachlorobutadiene	1300	990	ug/Kg	76				0	0		
	Caprolactam	1300	830	ug/Kg	64				0	0		
	4-Chloro-3-methylphenol	1300	960	ug/Kg	74				0	0		
	1-Methylnaphthalene	1300	860	ug/Kg	66				0	0		
	2-Methylnaphthalene	1300	890	ug/Kg	68				0	0		
	Hexachlorocyclopentadiene	1300	530	ug/Kg	41				0	0		
	2,4,6-Trichlorophenol	1300	840	ug/Kg	65				0	0		
	2,4,5-Trichlorophenol	1300	820	ug/Kg	63				0	0		
	1,1'-Biphenyl	1300	860	ug/Kg	66				0	0		
	2-Chloronaphthalene	1300	880	ug/Kg	68				0	0		
	2-Nitroaniline	1300	980	ug/Kg	75				0	0		
	Dimethylphthalate	1300	840	ug/Kg	65				0	0		
	2,6-Dinitrotoluene	1300	960	ug/Kg	74				0	0		
	Acenaphthylene	1300	870	ug/Kg	67				0	0		
	3-Nitroaniline	1300	950	ug/Kg	73				0	0		
	Acenaphthene	1300	880	ug/Kg	68				0	0		
	2,4-Dinitrophenol	1300	920	ug/Kg	71				0	0		
	4-Nitrophenol	1300	1100	ug/Kg	85				0	0		
	Dibenzofuran	1300	900	ug/Kg	69				0	0		
	2,4-Dinitrotoluene	1300	990	ug/Kg	76				0	0		
	Diethylphthalate	1300	860	ug/Kg	66				0	0		
	Fluorene	1300	910	ug/Kg	70				0	0		
	4-Chlorophenyl-phenylether	1300	900	ug/Kg	69				0	0		
	4-Nitroaniline	1300	1000	ug/Kg	77				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG071124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161926BS	4,6-Dinitro-2-methylphenol	1300	980	ug/Kg	75				0	0		
	N-Nitrosodiphenylamine	1300	880	ug/Kg	68				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	990	ug/Kg	76				0	0		
	4-Bromophenyl-phenylether	1300	940	ug/Kg	72				0	0		
	Hexachlorobenzene	1300	970	ug/Kg	75				0	0		
	Atrazine	1300	140	ug/Kg	11				0	0		
	Pentachlorophenol	1300	690	ug/Kg	53				0	0		
	Phenanthrene	1300	880	ug/Kg	68				0	0		
	Pentachlorobenzene	1300	970	ug/Kg	75				0	0		
	Anthracene	1300	840	ug/Kg	65				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	970	ug/Kg	75				0	0		
	Carbazole	1300	910	ug/Kg	70				0	0		
	Di-n-butylphthalate	1300	890	ug/Kg	68				0	0		
	Fluoranthene	1300	870	ug/Kg	67				0	0		
	Pyrene	1300	880	ug/Kg	68				0	0		
	Butylbenzylphthalate	1300	880	ug/Kg	68				0	0		
	3,3'-Dichlorobenzidine	1300	980	ug/Kg	75				0	0		
	Benzo(a)anthracene	1300	890	ug/Kg	68				0	0		
	Chrysene	1300	920	ug/Kg	71				0	0		
	Bis(2-ethylhexyl)phthalate	1300	880	ug/Kg	68				0	0		
	Di-n-octylphthalate	1300	940	ug/Kg	72				0	0		
	Benzo(b)fluoranthene	1300	910	ug/Kg	70				0	0		
	Benzo(k)fluoranthene	1300	920	ug/Kg	71				0	0		
	Benzo(a)pyrene	1300	840	ug/Kg	65				0	0		
	Indeno(1,2,3-cd)pyrene	1300	950	ug/Kg	73				0	0		
	Dibenzo(a,h)anthracene	1300	930	ug/Kg	72				0	0		
	Benzo(g,h,i)perylene	1300	930	ug/Kg	72				0	0		
	2,3,4,6-Tetrachlorophenol	1300	780	ug/Kg	60				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG071124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161928BS	1,4-Dioxane	530	510	ug/Kg	96				0	0		
	Benzaldehyde	1300	1100	ug/Kg	85				0	0		
	Pyridine	1300	1100	ug/Kg	85				0	0		
	Phenol	1300	1000	ug/Kg	77				0	0		
	Bis(2-chloroethyl)ether	1300	950	ug/Kg	73				0	0		
	2-Chlorophenol	1300	1100	ug/Kg	85				0	0		
	2-Methylphenol	1300	1000	ug/Kg	77				0	0		
	2,2-oxybis(1-Chloropropane)	1300	910	ug/Kg	70				0	0		
	Acetophenone	1300	990	ug/Kg	76				0	0		
	4-Methylphenol	1300	990	ug/Kg	76				0	0		
	N-Nitroso-di-n-propylamine	1300	940	ug/Kg	72				0	0		
	Hexachloroethane	1300	1100	ug/Kg	85				0	0		
	Nitrobenzene	1300	1100	ug/Kg	85				0	0		
	Isophorone	1300	990	ug/Kg	76				0	0		
	2-Nitrophenol	1300	1200	ug/Kg	92				0	0		
	2,4-Dimethylphenol	1300	960	ug/Kg	74				0	0		
	Bis(2-chloroethoxy)methane	1300	980	ug/Kg	75				0	0		
	2,4-Dichlorophenol	1300	1200	ug/Kg	92				0	0		
	Naphthalene	1300	1100	ug/Kg	85				0	0		
	4-Chloroaniline	1300	960	ug/Kg	74				0	0		
	Hexachlorobutadiene	1300	1200	ug/Kg	92				0	0		
	Caprolactam	1300	1200	ug/Kg	92				0	0		
	4-Chloro-3-methylphenol	1300	1200	ug/Kg	92				0	0		
	1-Methylnaphthalene	1300	1100	ug/Kg	85				0	0		
	2-Methylnaphthalene	1300	1100	ug/Kg	85				0	0		
	Hexachlorocyclopentadiene	1300	730	ug/Kg	56				0	0		
	2,4,6-Trichlorophenol	1300	1000	ug/Kg	77				0	0		
	2,4,5-Trichlorophenol	1300	1100	ug/Kg	85				0	0		
	1,1'-Biphenyl	1300	1100	ug/Kg	85				0	0		
	2-Chloronaphthalene	1300	1100	ug/Kg	85				0	0		
	2-Nitroaniline	1300	1200	ug/Kg	92				0	0		
	Dimethylphthalate	1300	1100	ug/Kg	85				0	0		
	2,6-Dinitrotoluene	1300	1200	ug/Kg	92				0	0		
	Acenaphthylene	1300	1100	ug/Kg	85				0	0		
	3-Nitroaniline	1300	1200	ug/Kg	92				0	0		
	Acenaphthene	1300	1100	ug/Kg	85				0	0		
	2,4-Dinitrophenol	1300	850	ug/Kg	65				0	0		
	4-Nitrophenol	1300	1300	ug/Kg	100				0	0		
	Dibenzofuran	1300	1100	ug/Kg	85				0	0		
	2,4-Dinitrotoluene	1300	1200	ug/Kg	92				0	0		
	Diethylphthalate	1300	1100	ug/Kg	85				0	0		
	Fluorene	1300	1100	ug/Kg	85				0	0		
	4-Chlorophenyl-phenylether	1300	1100	ug/Kg	85				0	0		
	4-Nitroaniline	1300	1400	ug/Kg	108				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG071124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161928BS	4,6-Dinitro-2-methylphenol	1300	1100	ug/Kg	85				0	0		
	N-Nitrosodiphenylamine	1300	1100	ug/Kg	85				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	1200	ug/Kg	92				0	0		
	4-Bromophenyl-phenylether	1300	1100	ug/Kg	85				0	0		
	Hexachlorobenzene	1300	1200	ug/Kg	92				0	0		
	Atrazine	1300	170	ug/Kg	13				0	0		
	Pentachlorophenol	1300	790	ug/Kg	61				0	0		
	Phenanthrene	1300	1100	ug/Kg	85				0	0		
	Pentachlorobenzene	1300	1100	ug/Kg	85				0	0		
	Anthracene	1300	1100	ug/Kg	85				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1100	ug/Kg	85				0	0		
	Carbazole	1300	1200	ug/Kg	92				0	0		
	Di-n-butylphthalate	1300	1200	ug/Kg	92				0	0		
	Fluoranthene	1300	1100	ug/Kg	85				0	0		
	Pyrene	1300	1100	ug/Kg	85				0	0		
	Butylbenzylphthalate	1300	1100	ug/Kg	85				0	0		
	3,3'-Dichlorobenzidine	1300	1100	ug/Kg	85				0	0		
	Benzo(a)anthracene	1300	1100	ug/Kg	85				0	0		
	Chrysene	1300	1100	ug/Kg	85				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1100	ug/Kg	85				0	0		
	Di-n-octylphthalate	1300	1100	ug/Kg	85				0	0		
	Benzo(b)fluoranthene	1300	1200	ug/Kg	92				0	0		
	Benzo(k)fluoranthene	1300	1100	ug/Kg	85				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	1200	ug/Kg	92				0	0		
	2,3,4,6-Tetrachlorophenol	1300	1000	ug/Kg	77				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK824

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG071124

SAS No.: BG071124 SDG NO.: BG071124

Lab File ID: BG062009.D

Lab Sample ID: PB161824BL

Instrument ID: BNA_G

Date Extracted: 06/27/2024

Matrix: (soil/water) Water

Date Analyzed: 07/11/2024

Level: (low/med) LOW

Time Analyzed: 14:13

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

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

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK825

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG071124

SAS No.: BG071124 SDG NO.: BG071124

Lab File ID: BG062014.D

Lab Sample ID: PB161825BL

Instrument ID: BNA_G

Date Extracted: 06/27/2024

Matrix: (soil/water) Water

Date Analyzed: 07/11/2024

Level: (low/med) LOW

Time Analyzed: 17:44

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

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

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK883

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG071124

SAS No.: BG071124 SDG NO.: BG071124

Lab File ID: BG062013.D

Lab Sample ID: PB161883BL

Instrument ID: BNA_G

Date Extracted: 07/02/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/11/2024

Level: (low/med) LOW

Time Analyzed: 17:02

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4BR7	P3088-09	BG062034.D	07/12/2024
A4CZ3	P3088-06	BG062010.D	07/11/2024
A4CZ4	P3088-07	BG062011.D	07/11/2024
A4CY4	P3088-12	BG062023.D	07/11/2024
A4CY5	P3088-13	BG062024.D	07/12/2024
A4D11	P3088-16	BG062025.D	07/12/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK926

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG071124

SAS No.: BG071124 SDG NO.: BG071124

Lab File ID: BG062029.D

Lab Sample ID: PB161926BL

Instrument ID: BNA_G

Date Extracted: 07/05/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/12/2024

Level: (low/med) LOW

Time Analyzed: 05:19

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161926BS	PB161926BS	BG062027.D	07/12/2024
A4CB3	P3124-01	BG062031.D	07/12/2024
A4CB3MS	P3124-02MS	BG062032.D	07/12/2024
A4CB3MSD	P3124-03MSD	BG062033.D	07/12/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK928

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG071124

SAS No.: BG071124 SDG NO.: BG071124

Lab File ID: BG062007.D

Lab Sample ID: PB161928BL

Instrument ID: BNA_G

Date Extracted: 07/05/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/11/2024

Level: (low/med) LOW

Time Analyzed: 12:51

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161928BS	PB161928BS	BG062008.D	07/11/2024
A4CZ2	P3125-01	BG062015.D	07/11/2024
A4CZ2MS	P3125-02MS	BG062016.D	07/11/2024
A4CZ2MSD	P3125-03MSD	BG062017.D	07/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK949

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG071124

SAS No.: BG071124 SDG NO.: BG071124

Lab File ID: BG062026.D

Lab Sample ID: PB161949BL

Instrument ID: BNA_G

Date Extracted: 07/08/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/12/2024

Level: (low/med) LOW

Time Analyzed: 01:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4D00	P3139-01	BG062018.D	07/11/2024
A4D00MS	P3139-02MS	BG062019.D	07/11/2024
A4D00MSD	P3139-03MSD	BG062020.D	07/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK020

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG071124

SAS No.: BG071124 SDG NO.: BG071124

Lab File ID: BG062030.D

Lab Sample ID: PB162020BL

Instrument ID: BNA_G

Date Extracted: 07/11/2024

Matrix: (soil/water) Water

Date Analyzed: 07/12/2024

Level: (low/med) LOW

Time Analyzed: 06:00

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E08E4	P3198-01	BG062021.D	07/11/2024
E08E7	P3198-03	BG062022.D	07/11/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG071124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3124-02MS	Client Sample ID:	A4CB3MS				DataFile:	BG062032.D			
1,4-Dioxane	930		570	ug/Kg	61				15	120	
Benzaldehyde	2300		990	ug/Kg	43				0	0	
Pyridine	2300		700	ug/Kg	30				0	0	
Phenol	2300		1500	ug/Kg	65				26	90	
Bis(2-chloroethyl)ether	2300		1400	ug/Kg	61				0	0	
2-Chlorophenol	2300		1600	ug/Kg	70				25	102	
2-Methylphenol	2300		1500	ug/Kg	65				0	0	
2,2-oxybis(1-Chloropropane)	2300		1300	ug/Kg	57				0	0	
Acetophenone	2300		1500	ug/Kg	65				0	0	
4-Methylphenol	2300		1500	ug/Kg	65				0	0	
N-Nitroso-di-n-propylamine	2300		1300	ug/Kg	57				41	126	
Hexachloroethane	2300		1100	ug/Kg	48				0	0	
Nitrobenzene	2300		1600	ug/Kg	70				0	0	
Isophorone	2300		1300	ug/Kg	57				0	0	
2-Nitrophenol	2300		1600	ug/Kg	70				0	0	
2,4-Dimethylphenol	2300		1500	ug/Kg	65				0	0	
Bis(2-chloroethoxy)methane	2300		1300	ug/Kg	57				0	0	
2,4-Dichlorophenol	2300		1800	ug/Kg	78				0	0	
Naphthalene	2300		1600	ug/Kg	70				0	0	
4-Chloroaniline	2300		890	ug/Kg	39				0	0	
Hexachlorobutadiene	2300		1800	ug/Kg	78				0	0	
Caprolactam	2300		1400	ug/Kg	61				0	0	
4-Chloro-3-methylphenol	2300		1800	ug/Kg	78				26	103	
1-Methylnaphthalene	2300		1500	ug/Kg	65				0	0	
2-Methylnaphthalene	2300		1600	ug/Kg	70				0	0	
Hexachlorocyclopentadiene	2300		680	ug/Kg	30				0	0	
2,4,6-Trichlorophenol	2300		1800	ug/Kg	78				0	0	
2,4,5-Trichlorophenol	2300		2000	ug/Kg	87				0	0	
1,1'-Biphenyl	2300		1600	ug/Kg	70				0	0	
2-Chloronaphthalene	2300		1600	ug/Kg	70				0	0	
2-Nitroaniline	2300		1900	ug/Kg	83				0	0	
Dimethylphthalate	2300		1600	ug/Kg	70				0	0	
2,6-Dinitrotoluene	2300		2000	ug/Kg	87				0	0	
Acenaphthylene	2300		1600	ug/Kg	70				0	0	
3-Nitroaniline	2300		1900	ug/Kg	83				0	0	
Acenaphthene	2300		1600	ug/Kg	70				31	137	
2,4-Dinitrophenol	2300		1900	ug/Kg	83				0	0	
4-Nitrophenol	2300		2700	ug/Kg	117	*			11	114	
Dibenzofuran	2300		1700	ug/Kg	74				0	0	
2,4-Dinitrotoluene	2300		2100	ug/Kg	91	*			28	89	
Diethylphthalate	2300		1700	ug/Kg	74				0	0	
Fluorene	2300		1700	ug/Kg	74				0	0	
4-Chlorophenyl-phenylether	2300		1700	ug/Kg	74				0	0	
4-Nitroaniline	2300		2000	ug/Kg	87				0	0	
4,6-Dinitro-2-methylphenol	2300		2200	ug/Kg	96				0	0	
N-Nitrosodiphenylamine	2300		2000	ug/Kg	87				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG071124

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	2300		1600	ug/Kg	70				0	0	
4-Bromophenyl-phenylether	2300		2000	ug/Kg	87				0	0	
Hexachlorobenzene	2300		1500	ug/Kg	65				0	0	
Atrazine	2300		1300	ug/Kg	57				0	0	
Pentachlorophenol	2300		1900	ug/Kg	83				17	109	
Phenanthrene	2300		2600	ug/Kg	113				0	0	
Pentachlorobenzene	2300		1500	ug/Kg	65				0	0	
Anthracene	2300		2000	ug/Kg	87				0	0	
1,2,3,4-Tetrachlorobenzene	2300		1800	ug/Kg	78				0	0	
Carbazole	2300		1800	ug/Kg	78				0	0	
Di-n-butylphthalate	2300		2000	ug/Kg	87				0	0	
Fluoranthene	2300		3300	ug/Kg	143				0	0	
Pyrene	2300		2300	ug/Kg	100				35	142	
Butylbenzylphthalate	2300		2000	ug/Kg	87				0	0	
3,3'-Dichlorobenzidine	2300		790	ug/Kg	34				0	0	
Benzo(a)anthracene	2300		2600	ug/Kg	113				0	0	
Chrysene	2300		2700	ug/Kg	117				0	0	
Bis(2-ethylhexyl)phthalate	2300		2300	ug/Kg	100				0	0	
Di-n-octylphthalate	2300		2000	ug/Kg	87				0	0	
Benzo(b)fluoranthene	2300		2800	ug/Kg	122				0	0	
Benzo(k)fluoranthene	2300		2500	ug/Kg	109				0	0	
Benzo(a)pyrene	2300		1400	ug/Kg	61				0	0	
Indeno(1,2,3-cd)pyrene	2300		1800	ug/Kg	78				0	0	
Dibenzo(a,h)anthracene	2300		2100	ug/Kg	91				0	0	
Benzo(g,h,i)perylene	2300		820	ug/Kg	36				0	0	
2,3,4,6-Tetrachlorophenol	2300		2000	ug/Kg	87				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG071124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3124-03MSD	Client Sample ID:	A4CB3MSD				DataFile:	BG062033.D			
1,4-Dioxane	930		520	ug/Kg	56		9		15	120	50
Benzaldehyde	2300		1000	ug/Kg	43		0		0	0	0
Pyridine	2300		680	ug/Kg	30		0		0	0	0
Phenol	2300		1600	ug/Kg	70		7		26	90	35
Bis(2-chloroethyl)ether	2300		1500	ug/Kg	65		6	*	0	0	0
2-Chlorophenol	2300		1700	ug/Kg	74		6		25	102	50
2-Methylphenol	2300		1600	ug/Kg	70		7	*	0	0	0
2,2-oxybis(1-Chloropropane)	2300		1400	ug/Kg	61		7	*	0	0	0
Acetophenone	2300		1600	ug/Kg	70		7	*	0	0	0
4-Methylphenol	2300		1600	ug/Kg	70		7	*	0	0	0
N-Nitroso-di-n-propylamine	2300		1400	ug/Kg	61		7		41	126	38
Hexachloroethane	2300		1200	ug/Kg	52		8	*	0	0	0
Nitrobenzene	2300		1800	ug/Kg	78		11	*	0	0	0
Isophorone	2300		1500	ug/Kg	65		13	*	0	0	0
2-Nitrophenol	2300		1800	ug/Kg	78		11	*	0	0	0
2,4-Dimethylphenol	2300		1600	ug/Kg	70		7	*	0	0	0
Bis(2-chloroethoxy)methane	2300		1400	ug/Kg	61		7	*	0	0	0
2,4-Dichlorophenol	2300		1800	ug/Kg	78		0		0	0	0
Naphthalene	2300		1700	ug/Kg	74		6	*	0	0	0
4-Chloroaniline	2300		1000	ug/Kg	43		10	*	0	0	0
Hexachlorobutadiene	2300		1900	ug/Kg	83		6	*	0	0	0
Caprolactam	2300		1600	ug/Kg	70		14	*	0	0	0
4-Chloro-3-methylphenol	2300		2000	ug/Kg	87		11		26	103	33
1-Methylnaphthalene	2300		1700	ug/Kg	74		13	*	0	0	0
2-Methylnaphthalene	2300		1700	ug/Kg	74		6	*	0	0	0
Hexachlorocyclopentadiene	2300		650	ug/Kg	28		7	*	0	0	0
2,4,6-Trichlorophenol	2300		2000	ug/Kg	87		11	*	0	0	0
2,4,5-Trichlorophenol	2300		2100	ug/Kg	91		4	*	0	0	0
1,1'-Biphenyl	2300		1700	ug/Kg	74		6	*	0	0	0
2-Chloronaphthalene	2300		1700	ug/Kg	74		6	*	0	0	0
2-Nitroaniline	2300		2200	ug/Kg	96		15	*	0	0	0
Dimethylphthalate	2300		1700	ug/Kg	74		6	*	0	0	0
2,6-Dinitrotoluene	2300		2100	ug/Kg	91		4	*	0	0	0
Acenaphthylene	2300		1700	ug/Kg	74		6	*	0	0	0
3-Nitroaniline	2300		1900	ug/Kg	83		0		0	0	0
Acenaphthene	2300		1800	ug/Kg	78		11		31	137	19
2,4-Dinitrophenol	2300		2000	ug/Kg	87		5	*	0	0	0
4-Nitrophenol	2300		2900	ug/Kg	126	*	7		11	114	50
Dibenzofuran	2300		1800	ug/Kg	78		5	*	0	0	0
2,4-Dinitrotoluene	2300		2300	ug/Kg	100	*	9		28	89	47
Diethylphthalate	2300		1900	ug/Kg	83		11	*	0	0	0
Fluorene	2300		1900	ug/Kg	83		11	*	0	0	0
4-Chlorophenyl-phenylether	2300		1900	ug/Kg	83		11	*	0	0	0
4-Nitroaniline	2300		2200	ug/Kg	96		10	*	0	0	0
4,6-Dinitro-2-methylphenol	2300		2200	ug/Kg	96		0		0	0	0
N-Nitrosodiphenylamine	2300		2100	ug/Kg	91		4	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG071124

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	2300		1800	ug/Kg	78	11	*		0	0	0
4-Bromophenyl-phenylether	2300		2200	ug/Kg	96	10	*		0	0	0
Hexachlorobenzene	2300		1600	ug/Kg	70	7	*		0	0	0
Atrazine	2300		1400	ug/Kg	61	7	*		0	0	0
Pentachlorophenol	2300		2000	ug/Kg	87	5			17	109	47
Phenanthrene	2300		2800	ug/Kg	122	8	*		0	0	0
Pentachlorobenzene	2300		1700	ug/Kg	74	13	*		0	0	0
Anthracene	2300		2200	ug/Kg	96	10	*		0	0	0
1,2,3,4-Tetrachlorobenzene	2300		2000	ug/Kg	87	11	*		0	0	0
Carbazole	2300		1900	ug/Kg	83	6	*		0	0	0
Di-n-butylphthalate	2300		2100	ug/Kg	91	4	*		0	0	0
Fluoranthene	2300		3500	ug/Kg	152	6	*		0	0	0
Pyrene	2300		2500	ug/Kg	109	9			35	142	36
Butylbenzylphthalate	2300		2100	ug/Kg	91	4	*		0	0	0
3,3'-Dichlorobenzidine	2300		970	ug/Kg	42	21	*		0	0	0
Benzo(a)anthracene	2300		2800	ug/Kg	122	8	*		0	0	0
Chrysene	2300		2900	ug/Kg	126	7	*		0	0	0
Bis(2-ethylhexyl)phthalate	2300		2600	ug/Kg	113	12	*		0	0	0
Di-n-octylphthalate	2300		2200	ug/Kg	96	10	*		0	0	0
Benzo(b)fluoranthene	2300		3000	ug/Kg	130	6	*		0	0	0
Benzo(k)fluoranthene	2300		2500	ug/Kg	109	0			0	0	0
Benzo(a)pyrene	2300		1500	ug/Kg	65	6	*		0	0	0
Indeno(1,2,3-cd)pyrene	2300		1900	ug/Kg	83	6	*		0	0	0
Dibenzo(a,h)anthracene	2300		2300	ug/Kg	100	9	*		0	0	0
Benzo(g,h,i)perylene	2300		830	ug/Kg	36	0			0	0	0
2,3,4,6-Tetrachlorophenol	2300		2100	ug/Kg	91	4	*		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG071124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3125-02MS	Client Sample ID:	A4CZ2MS				DataFile:	BG062016.D			
1,4-Dioxane	760		600	ug/Kg	79				15	120	
Benzaldehyde	1900	0	1200	ug/Kg	63				0	0	
Pyridine	1900		840	ug/Kg	44				0	0	
Phenol	1900		1900	ug/Kg	100	*			26	90	
Bis(2-chloroethyl)ether	1900		1600	ug/Kg	84				0	0	
2-Chlorophenol	1900		1800	ug/Kg	95				25	102	
2-Methylphenol	1900		1800	ug/Kg	95				0	0	
2,2-oxybis(1-Chloropropane)	1900		1600	ug/Kg	84				0	0	
Acetophenone	1900		1800	ug/Kg	95				0	0	
4-Methylphenol	1900		1800	ug/Kg	95				0	0	
N-Nitroso-di-n-propylamine	1900		1700	ug/Kg	89				41	126	
Hexachloroethane	1900		990	ug/Kg	52				0	0	
Nitrobenzene	1900		1900	ug/Kg	100				0	0	
Isophorone	1900		1700	ug/Kg	89				0	0	
2-Nitrophenol	1900		2000	ug/Kg	105				0	0	
2,4-Dimethylphenol	1900		1400	ug/Kg	74				0	0	
Bis(2-chloroethoxy)methane	1900		1600	ug/Kg	84				0	0	
2,4-Dichlorophenol	1900		2000	ug/Kg	105				0	0	
Naphthalene	1900		1900	ug/Kg	100				0	0	
4-Chloroaniline	1900		1000	ug/Kg	53				0	0	
Hexachlorobutadiene	1900		2200	ug/Kg	116				0	0	
Caprolactam	1900		1700	ug/Kg	89				0	0	
4-Chloro-3-methylphenol	1900		2100	ug/Kg	111	*			26	103	
1-Methylnaphthalene	1900		2000	ug/Kg	105				0	0	
2-Methylnaphthalene	1900		1900	ug/Kg	100				0	0	
Hexachlorocyclopentadiene	1900		1200	ug/Kg	63				0	0	
2,4,6-Trichlorophenol	1900		2000	ug/Kg	105				0	0	
2,4,5-Trichlorophenol	1900		2100	ug/Kg	111				0	0	
1,1'-Biphenyl	1900		2000	ug/Kg	105				0	0	
2-Chloronaphthalene	1900		2000	ug/Kg	105				0	0	
2-Nitroaniline	1900		2200	ug/Kg	116				0	0	
Dimethylphthalate	1900		1900	ug/Kg	100				0	0	
2,6-Dinitrotoluene	1900		2200	ug/Kg	116				0	0	
Acenaphthylene	1900		1900	ug/Kg	100				0	0	
3-Nitroaniline	1900		1900	ug/Kg	100				0	0	
Acenaphthene	1900		1900	ug/Kg	100				31	137	
2,4-Dinitrophenol	1900		2300	ug/Kg	121				0	0	
4-Nitrophenol	1900		2500	ug/Kg	132	*			11	114	
Dibenzofuran	1900		2000	ug/Kg	105				0	0	
2,4-Dinitrotoluene	1900		2200	ug/Kg	116	*			28	89	
Diethylphthalate	1900		1900	ug/Kg	100				0	0	
Fluorene	1900		2000	ug/Kg	105				0	0	
4-Chlorophenyl-phenylether	1900		1900	ug/Kg	100				0	0	
4-Nitroaniline	1900		2000	ug/Kg	105				0	0	
4,6-Dinitro-2-methylphenol	1900		2300	ug/Kg	121				0	0	
N-Nitrosodiphenylamine	1900		2000	ug/Kg	105				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG071124

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	1900		1900	ug/Kg	100				0	0	
4-Bromophenyl-phenylether	1900		2100	ug/Kg	111				0	0	
Hexachlorobenzene	1900		1200	ug/Kg	63				0	0	
Atrazine	1900		1300	ug/Kg	68				0	0	
Pentachlorophenol	1900		2000	ug/Kg	105				17	109	
Phenanthrene	1900	320	2300	ug/Kg	104				0	0	
Pentachlorobenzene	1900		1600	ug/Kg	84				0	0	
Anthracene	1900	55	1900	ug/Kg	97				0	0	
1,2,3,4-Tetrachlorobenzene	1900		1900	ug/Kg	100				0	0	
Carbazole	1900		1500	ug/Kg	79				0	0	
Di-n-butylphthalate	1900		2100	ug/Kg	111				0	0	
Fluoranthene	1900	560	2600	ug/Kg	107				0	0	
Pyrene	1900	330	1500	ug/Kg	62				35	142	
Butylbenzylphthalate	1900		2000	ug/Kg	105				0	0	
3,3'-Dichlorobenzidine	1900		360	ug/Kg	19				0	0	
Benzo(a)anthracene	1900	290	2400	ug/Kg	111				0	0	
Chrysene	1900	360	2400	ug/Kg	107				0	0	
Bis(2-ethylhexyl)phthalate	1900	65	2100	ug/Kg	107				0	0	
Di-n-octylphthalate	1900		2100	ug/Kg	111				0	0	
Benzo(b)fluoranthene	1900	430	2500	ug/Kg	109				0	0	
Benzo(k)fluoranthene	1900	190	2200	ug/Kg	106				0	0	
Benzo(a)pyrene	1900	120	730	ug/Kg	32				0	0	
Indeno(1,2,3-cd)pyrene	1900	120	1400	ug/Kg	67				0	0	
Dibenzo(a,h)anthracene	1900	73	2200	ug/Kg	112				0	0	
Benzo(g,h,i)perylene	1900		170	ug/Kg	9				0	0	
2,3,4,6-Tetrachlorophenol	1900		2100	ug/Kg	111				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG071124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3125-03MSD	Client Sample ID:	A4CZ2MSD					DataFile:	BG062017.D		
1,4-Dioxane	760		600	ug/Kg	79		0		15	120	50
Benzaldehyde	1900	0	1100	ug/Kg	58		8	*	0	0	0
Pyridine	1900		750	ug/Kg	39		12	*	0	0	0
Phenol	1900		1700	ug/Kg	89		12		26	90	35
Bis(2-chloroethyl)ether	1900		1600	ug/Kg	84		0		0	0	0
2-Chlorophenol	1900		1800	ug/Kg	95		0		25	102	50
2-Methylphenol	1900		1700	ug/Kg	89		7	*	0	0	0
2,2-oxybis(1-Chloropropane)	1900		1500	ug/Kg	79		6	*	0	0	0
Acetophenone	1900		1600	ug/Kg	84		12	*	0	0	0
4-Methylphenol	1900		1700	ug/Kg	89		7	*	0	0	0
N-Nitroso-di-n-propylamine	1900		1500	ug/Kg	79		12		41	126	38
Hexachloroethane	1900		930	ug/Kg	49		6	*	0	0	0
Nitrobenzene	1900		1900	ug/Kg	100		0		0	0	0
Isophorone	1900		1600	ug/Kg	84		6	*	0	0	0
2-Nitrophenol	1900		1900	ug/Kg	100		5	*	0	0	0
2,4-Dimethylphenol	1900		1300	ug/Kg	68		8	*	0	0	0
Bis(2-chloroethoxy)methane	1900		1600	ug/Kg	84		0		0	0	0
2,4-Dichlorophenol	1900		2000	ug/Kg	105		0		0	0	0
Naphthalene	1900		1800	ug/Kg	95		5	*	0	0	0
4-Chloroaniline	1900		1000	ug/Kg	53		0		0	0	0
Hexachlorobutadiene	1900		2000	ug/Kg	105		10	*	0	0	0
Caprolactam	1900		1600	ug/Kg	84		6	*	0	0	0
4-Chloro-3-methylphenol	1900		1900	ug/Kg	100		10		26	103	33
1-Methylnaphthalene	1900		1900	ug/Kg	100		5	*	0	0	0
2-Methylnaphthalene	1900		1900	ug/Kg	100		0		0	0	0
Hexachlorocyclopentadiene	1900		1100	ug/Kg	58		8	*	0	0	0
2,4,6-Trichlorophenol	1900		2100	ug/Kg	111		6	*	0	0	0
2,4,5-Trichlorophenol	1900		2100	ug/Kg	111		0		0	0	0
1,1'-Biphenyl	1900		1900	ug/Kg	100		5	*	0	0	0
2-Chloronaphthalene	1900		1900	ug/Kg	100		5	*	0	0	0
2-Nitroaniline	1900		2200	ug/Kg	116		0		0	0	0
Dimethylphthalate	1900		1900	ug/Kg	100		0		0	0	0
2,6-Dinitrotoluene	1900		2100	ug/Kg	111		4	*	0	0	0
Acenaphthylene	1900		1800	ug/Kg	95		5	*	0	0	0
3-Nitroaniline	1900		1800	ug/Kg	95		5	*	0	0	0
Acenaphthene	1900		1900	ug/Kg	100		0		31	137	19
2,4-Dinitrophenol	1900		2200	ug/Kg	116		4	*	0	0	0
4-Nitrophenol	1900		2500	ug/Kg	132	*	0		11	114	50
Dibenzofuran	1900		1900	ug/Kg	100		5	*	0	0	0
2,4-Dinitrotoluene	1900		2100	ug/Kg	111	*	4		28	89	47
Diethylphthalate	1900		1900	ug/Kg	100		0		0	0	0
Fluorene	1900		1900	ug/Kg	100		5	*	0	0	0
4-Chlorophenyl-phenylether	1900		1900	ug/Kg	100		0		0	0	0
4-Nitroaniline	1900		1900	ug/Kg	100		5	*	0	0	0
4,6-Dinitro-2-methylphenol	1900		2100	ug/Kg	111		9	*	0	0	0
N-Nitrosodiphenylamine	1900		2000	ug/Kg	105		0		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG071124

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	1900		1900	ug/Kg	100		0		0	0	0
4-Bromophenyl-phenylether	1900		2000	ug/Kg	105		6	*	0	0	0
Hexachlorobenzene	1900		1100	ug/Kg	58		8	*	0	0	0
Atrazine	1900		1300	ug/Kg	68		0		0	0	0
Pentachlorophenol	1900		1800	ug/Kg	95		10		17	109	47
Phenanthrene	1900	320	2200	ug/Kg	99		5	*	0	0	0
Pentachlorobenzene	1900		1500	ug/Kg	79		6	*	0	0	0
Anthracene	1900	55	1800	ug/Kg	92		5	*	0	0	0
1,2,3,4-Tetrachlorobenzene	1900		1900	ug/Kg	100		0		0	0	0
Carbazole	1900		1400	ug/Kg	74		7	*	0	0	0
Di-n-butylphthalate	1900		2000	ug/Kg	105		6	*	0	0	0
Fluoranthene	1900	560	2500	ug/Kg	102		5	*	0	0	0
Pyrene	1900	330	1400	ug/Kg	56		10		35	142	36
Butylbenzylphthalate	1900		1900	ug/Kg	100		5	*	0	0	0
3,3'-Dichlorobenzidine	1900		420	ug/Kg	22		15	*	0	0	0
Benzo(a)anthracene	1900	290	2300	ug/Kg	106		5	*	0	0	0
Chrysene	1900	360	2300	ug/Kg	102		5	*	0	0	0
Bis(2-ethylhexyl)phthalate	1900	65	2000	ug/Kg	102		5	*	0	0	0
Di-n-octylphthalate	1900		2000	ug/Kg	105		6	*	0	0	0
Benzo(b)fluoranthene	1900	430	2300	ug/Kg	98		11	*	0	0	0
Benzo(k)fluoranthene	1900	190	2100	ug/Kg	101		5	*	0	0	0
Benzo(a)pyrene	1900	120	700	ug/Kg	31		3	*	0	0	0
Indeno(1,2,3-cd)pyrene	1900	120	1300	ug/Kg	62		8	*	0	0	0
Dibenzo(a,h)anthracene	1900	73	2100	ug/Kg	107		5	*	0	0	0
Benzo(g,h,i)perylene	1900		170	ug/Kg	9		0		0	0	0
2,3,4,6-Tetrachlorophenol	1900		2100	ug/Kg	111		0		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG071124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3139-02MS	Client Sample ID:	A4D00MS				DataFile:	BG062019.D			
1,4-Dioxane	690		630	ug/Kg	91				15	120	
Benzaldehyde	1700		1700	ug/Kg	100				0	0	
Pyridine	1700		790	ug/Kg	46				0	0	
Phenol	1700		1700	ug/Kg	100	*			26	90	
Bis(2-chloroethyl)ether	1700		1500	ug/Kg	88				0	0	
2-Chlorophenol	1700		1800	ug/Kg	106	*			25	102	
2-Methylphenol	1700		1700	ug/Kg	100				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		1800	ug/Kg	106				0	0	
N-Nitroso-di-n-propylamine	1700		1500	ug/Kg	88				41	126	
Hexachloroethane	1700		920	ug/Kg	54				0	0	
Nitrobenzene	1700		1800	ug/Kg	106				0	0	
Isophorone	1700		1500	ug/Kg	88				0	0	
2-Nitrophenol	1700		1800	ug/Kg	106				0	0	
2,4-Dimethylphenol	1700		1800	ug/Kg	106				0	0	
Bis(2-chloroethoxy)methane	1700		1500	ug/Kg	88				0	0	
2,4-Dichlorophenol	1700		1900	ug/Kg	112				0	0	
Naphthalene	1700		1700	ug/Kg	100				0	0	
4-Chloroaniline	1700		760	ug/Kg	45				0	0	
Hexachlorobutadiene	1700		1900	ug/Kg	112				0	0	
Caprolactam	1700		1600	ug/Kg	94				0	0	
4-Chloro-3-methylphenol	1700		1800	ug/Kg	106	*			26	103	
1-Methylnaphthalene	1700		1700	ug/Kg	100				0	0	
2-Methylnaphthalene	1700		1700	ug/Kg	100				0	0	
Hexachlorocyclopentadiene	1700		1200	ug/Kg	71				0	0	
2,4,6-Trichlorophenol	1700		2100	ug/Kg	124				0	0	
2,4,5-Trichlorophenol	1700		2000	ug/Kg	118				0	0	
1,1'-Biphenyl	1700		1900	ug/Kg	112				0	0	
2-Chloronaphthalene	1700		1900	ug/Kg	112				0	0	
2-Nitroaniline	1700		2200	ug/Kg	129				0	0	
Dimethylphthalate	1700		1800	ug/Kg	106				0	0	
2,6-Dinitrotoluene	1700		2100	ug/Kg	124				0	0	
Acenaphthylene	1700		1800	ug/Kg	106				0	0	
3-Nitroaniline	1700		1500	ug/Kg	88				0	0	
Acenaphthene	1700		1900	ug/Kg	112				31	137	
2,4-Dinitrophenol	1700		2100	ug/Kg	124				0	0	
4-Nitrophenol	1700		2300	ug/Kg	135	*			11	114	
Dibenzofuran	1700		1900	ug/Kg	112				0	0	
2,4-Dinitrotoluene	1700		2100	ug/Kg	124	*			28	89	
Diethylphthalate	1700		1800	ug/Kg	106				0	0	
Fluorene	1700		1800	ug/Kg	106				0	0	
4-Chlorophenyl-phenylether	1700		1900	ug/Kg	112				0	0	
4-Nitroaniline	1700		1800	ug/Kg	106				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.: BG071124

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		1900	ug/Kg	112				0	0	
4-Bromophenyl-phenylether	1700		2000	ug/Kg	118				0	0	
Hexachlorobenzene	1700		1100	ug/Kg	65				0	0	
Atrazine	1700		1500	ug/Kg	88				0	0	
Pentachlorophenol	1700		2000	ug/Kg	118	*			17	109	
Phenanthrene	1700	120	1900	ug/Kg	105				0	0	
Pentachlorobenzene	1700		1700	ug/Kg	100				0	0	
Anthracene	1700		1800	ug/Kg	106				0	0	
1,2,3,4-Tetrachlorobenzene	1700		1800	ug/Kg	106				0	0	
Carbazole	1700		1400	ug/Kg	82				0	0	
Di-n-butylphthalate	1700		1900	ug/Kg	112				0	0	
Fluoranthene	1700	230	2100	ug/Kg	110				0	0	
Pyrene	1700	140	1200	ug/Kg	62				35	142	
Butylbenzylphthalate	1700		1800	ug/Kg	106				0	0	
3,3'-Dichlorobenzidine	1700		200	ug/Kg	12				0	0	
Benzo(a)anthracene	1700	95	2000	ug/Kg	112				0	0	
Chrysene	1700	140	2000	ug/Kg	109				0	0	
Bis(2-ethylhexyl)phthalate	1700		1900	ug/Kg	112				0	0	
Di-n-octylphthalate	1700		1800	ug/Kg	106				0	0	
Benzo(b)fluoranthene	1700	150	1900	ug/Kg	103				0	0	
Benzo(k)fluoranthene	1700	65	1900	ug/Kg	108				0	0	
Benzo(a)pyrene	1700	49	580	ug/Kg	31				0	0	
Indeno(1,2,3-cd)pyrene	1700	49	1100	ug/Kg	62				0	0	
Dibenzo(a,h)anthracene	1700		1900	ug/Kg	112				0	0	
Benzo(g,h,i)perylene	1700		130	ug/Kg	8				0	0	
2,3,4,6-Tetrachlorophenol	1700		2100	ug/Kg	124				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG071124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3139-03MSD	Client Sample ID:	A4D00MSD					DataFile:	BG062020.D		
1,4-Dioxane	690		440	ug/Kg	64	35			15	120	50
Benzaldehyde	1700		1400	ug/Kg	82	20	*		0	0	0
Pyridine	1700		620	ug/Kg	36	24	*		0	0	0
Phenol	1700		1400	ug/Kg	82	20			26	90	35
Bis(2-chloroethyl)ether	1700		1200	ug/Kg	71	21	*		0	0	0
2-Chlorophenol	1700		1500	ug/Kg	88	19			25	102	50
2-Methylphenol	1700		1400	ug/Kg	82	20	*		0	0	0
2,2-oxybis(1-Chloropropane)	1700		1200	ug/Kg	71	21	*		0	0	0
Acetophenone	1700		1300	ug/Kg	76	21	*		0	0	0
4-Methylphenol	1700		1400	ug/Kg	82	26	*		0	0	0
N-Nitroso-di-n-propylamine	1700		1200	ug/Kg	71	21			41	126	38
Hexachloroethane	1700		700	ug/Kg	41	27	*		0	0	0
Nitrobenzene	1700		1500	ug/Kg	88	19	*		0	0	0
Isophorone	1700		1300	ug/Kg	76	15	*		0	0	0
2-Nitrophenol	1700		1500	ug/Kg	88	19	*		0	0	0
2,4-Dimethylphenol	1700		1500	ug/Kg	88	19	*		0	0	0
Bis(2-chloroethoxy)methane	1700		1300	ug/Kg	76	15	*		0	0	0
2,4-Dichlorophenol	1700		1600	ug/Kg	94	17	*		0	0	0
Naphthalene	1700		1500	ug/Kg	88	13	*		0	0	0
4-Chloroaniline	1700		630	ug/Kg	37	20	*		0	0	0
Hexachlorobutadiene	1700		1700	ug/Kg	100	11	*		0	0	0
Caprolactam	1700		1400	ug/Kg	82	14	*		0	0	0
4-Chloro-3-methylphenol	1700		1600	ug/Kg	94	12			26	103	33
1-Methylnaphthalene	1700		1400	ug/Kg	82	20	*		0	0	0
2-Methylnaphthalene	1700		1500	ug/Kg	88	13	*		0	0	0
Hexachlorocyclopentadiene	1700		910	ug/Kg	54	27	*		0	0	0
2,4,6-Trichlorophenol	1700		1700	ug/Kg	100	21	*		0	0	0
2,4,5-Trichlorophenol	1700		1600	ug/Kg	94	23	*		0	0	0
1,1'-Biphenyl	1700		1500	ug/Kg	88	24	*		0	0	0
2-Chloronaphthalene	1700		1500	ug/Kg	88	24	*		0	0	0
2-Nitroaniline	1700		1700	ug/Kg	100	25	*		0	0	0
Dimethylphthalate	1700		1400	ug/Kg	82	26	*		0	0	0
2,6-Dinitrotoluene	1700		1700	ug/Kg	100	21	*		0	0	0
Acenaphthylene	1700		1400	ug/Kg	82	26	*		0	0	0
3-Nitroaniline	1700		1300	ug/Kg	76	15	*		0	0	0
Acenaphthene	1700		1500	ug/Kg	88	24	*		31	137	19
2,4-Dinitrophenol	1700		1800	ug/Kg	106	16	*		0	0	0
4-Nitrophenol	1700		1900	ug/Kg	112	19			11	114	50
Dibenzofuran	1700		1500	ug/Kg	88	24	*		0	0	0
2,4-Dinitrotoluene	1700		1700	ug/Kg	100	*	21		28	89	47
Diethylphthalate	1700		1500	ug/Kg	88	19	*		0	0	0
Fluorene	1700		1500	ug/Kg	88	19	*		0	0	0
4-Chlorophenyl-phenylether	1700		1500	ug/Kg	88	24	*		0	0	0
4-Nitroaniline	1700		1400	ug/Kg	82	26	*		0	0	0
4,6-Dinitro-2-methylphenol	1700		1700	ug/Kg	100	21	*		0	0	0
N-Nitrosodiphenylamine	1700		1600	ug/Kg	94	17	*		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG071124

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		1400	ug/Kg	82	31	*		0	0	0
4-Bromophenyl-phenylether	1700		1600	ug/Kg	94	23	*		0	0	0
Hexachlorobenzene	1700		900	ug/Kg	53	20	*		0	0	0
Atrazine	1700		1200	ug/Kg	71	21	*		0	0	0
Pentachlorophenol	1700		1700	ug/Kg	100	17			17	109	47
Phenanthrene	1700	120	1600	ug/Kg	87	19	*		0	0	0
Pentachlorobenzene	1700		1300	ug/Kg	76	27	*		0	0	0
Anthracene	1700		1400	ug/Kg	82	26	*		0	0	0
1,2,3,4-Tetrachlorobenzene	1700		1400	ug/Kg	82	26	*		0	0	0
Carbazole	1700		1100	ug/Kg	65	23	*		0	0	0
Di-n-butylphthalate	1700		1500	ug/Kg	88	24	*		0	0	0
Fluoranthene	1700	230	1700	ug/Kg	86	24	*		0	0	0
Pyrene	1700	140	990	ug/Kg	50	21			35	142	36
Butylbenzylphthalate	1700		1500	ug/Kg	88	19	*		0	0	0
3,3'-Dichlorobenzidine	1700		160	ug/Kg	9	29	*		0	0	0
Benzo(a)anthracene	1700	95	1600	ug/Kg	89	23	*		0	0	0
Chrysene	1700	140	1600	ug/Kg	86	24	*		0	0	0
Bis(2-ethylhexyl)phthalate	1700		1500	ug/Kg	88	24	*		0	0	0
Di-n-octylphthalate	1700		1500	ug/Kg	88	19	*		0	0	0
Benzo(b)fluoranthene	1700	150	1600	ug/Kg	85	19	*		0	0	0
Benzo(k)fluoranthene	1700	65	1500	ug/Kg	84	25	*		0	0	0
Benzo(a)pyrene	1700	49	480	ug/Kg	25	21	*		0	0	0
Indeno(1,2,3-cd)pyrene	1700	49	930	ug/Kg	52	18	*		0	0	0
Dibenzo(a,h)anthracene	1700		1600	ug/Kg	94	17	*		0	0	0
Benzo(g,h,i)perylene	1700		110	ug/Kg	6	29	*		0	0	0
2,3,4,6-Tetrachlorophenol	1700		1700	ug/Kg	100	21	*		0	0	0

Surrogate Summary

SW-846

SDG No.: BG071124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161824BL	PB161824BL	BG062009.D	1,4-Dioxane-d8	8	6.51	81		15	120
			Pyridine-d5	40	24.49	61		20	120
			Phenol-d5	40	24.87	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.91	62		25	120
			2-Chlorophenol-d4	40	28.27	71		20	130
			4-Methylphenol-d8	40	25.52	64		25	125
			Nitrobenzene-d5	40	24.95	62		20	125
			2-Nitrophenol-d4	40	27.79	69		20	130
			2,4-Dichlorophenol-d3	40	28.47	71		20	120
			4-Chloroaniline-d4	40	20.02	50		1	146
			Dimethylphthalate-d6	40	27.75	69		25	130
			Acenaphthylene-d8	40	26.98	67		10	130
			4-Nitrophenol-d4	40	25.48	64		10	150
			Fluorene-d10	40	28.05	70		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.14	55		10	130
			Anthracene-d10	40	26.91	67		25	130
			Pyrene-d10	40	27.04	68		15	130
			Benzo(a)pyrene-d12	40	29.14	73		20	130



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: BG071124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161825BL	PB161825BL	BG062014.D	1,4-Dioxane-d8	8	5.25	66		15	120
			Pyridine-d5	40	23.98	60		20	120
			Phenol-d5	40	25.41	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.79	59		25	120
			2-Chlorophenol-d4	40	25.75	64		20	130
			4-Methylphenol-d8	40	24.50	61		25	125
			Nitrobenzene-d5	40	29.92	75		20	125
			2-Nitrophenol-d4	40	29.85	75		20	130
			2,4-Dichlorophenol-d3	40	27.60	69		20	120
			4-Chloroaniline-d4	40	22.43	56		1	146
			Dimethylphthalate-d6	40	26.91	67		25	130
			Acenaphthylene-d8	40	27.06	68		10	130
			4-Nitrophenol-d4	40	26.16	65		10	150
			Fluorene-d10	40	28.27	71		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.39	56		10	130
			Anthracene-d10	40	27.05	68		25	130
			Pyrene-d10	40	27.73	69		15	130
			Benzo(a)pyrene-d12	40	29.41	74		20	130

Surrogate Summary

SW-846

SDG No.: BG071124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3088-06	A4CZ3	BG062010.D	1,4-Dioxane-d8	8	3.87	48		15	120
			Pyridine-d5	40	18.25	46		20	120
			Phenol-d5	40	21.80	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.55	49		10	150
			2-Chlorophenol-d4	40	22.30	56		15	120
			4-Methylphenol-d8	40	22.14	55		10	140
			Nitrobenzene-d5	40	27.30	68		10	135
			2-Nitrophenol-d4	40	26.82	67		10	120
			2,4-Dichlorophenol-d3	40	27.62	69		10	140
			4-Chloroaniline-d4	40	23.60	59		1	145
			Dimethylphthalate-d6	40	25.98	65		10	145
			Acenaphthylene-d8	40	25.59	64		15	120
			4-Nitrophenol-d4	40	24.80	62		10	150
			Fluorene-d10	40	26.46	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.52	56		10	130
			Anthracene-d10	40	25.26	63		10	150
			Pyrene-d10	40	26.18	65		10	130
			Benzo(a)pyrene-d12	40	27.18	68		10	140
P3088-07	A4CZ4	BG062011.D	1,4-Dioxane-d8	8	3.07	38		15	120
			Pyridine-d5	40	2.38	6	*	20	120
			Phenol-d5	40	17.26	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.67	49		10	150
			2-Chlorophenol-d4	40	19.66	49		15	120
			4-Methylphenol-d8	40	16.98	42		10	140
			Nitrobenzene-d5	40	24.91	62		10	135
			2-Nitrophenol-d4	40	22.10	55		10	120
			2,4-Dichlorophenol-d3	40	22.18	55		10	140
			4-Chloroaniline-d4	40	13.82	35		1	145
			Dimethylphthalate-d6	40	22.14	55		10	145
			Acenaphthylene-d8	40	24.12	60		15	120
			4-Nitrophenol-d4	40	15.57	39		10	150
			Fluorene-d10	40	25.39	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.39	33		10	130
			Anthracene-d10	40	23.86	60		10	150
			Pyrene-d10	40	24.22	61		10	130
			Benzo(a)pyrene-d12	40	24.36	61		10	140
P3088-09	A4BR7	BG062034.D	1,4-Dioxane-d8	8	3.93	49		15	120
			Pyridine-d5	40	4.02	10	*	20	120
			Phenol-d5	40	23.19	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.26	56		10	150
			2-Chlorophenol-d4	40	24.35	61		15	120
			4-Methylphenol-d8	40	20.31	51		10	140
			Nitrobenzene-d5	40	25.93	65		10	135
			2-Nitrophenol-d4	40	27.89	70		10	120
			2,4-Dichlorophenol-d3	40	26.77	67		10	140
			4-Chloroaniline-d4	40	8.18	20		1	145
			Dimethylphthalate-d6	40	25.21	63		10	145
			Acenaphthylene-d8	40	26.53	66		15	120
			4-Nitrophenol-d4	40	20.93	52		10	150

Surrogate Summary

SW-846

SDG No.: BG071124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3088-09	A4BR7	BG062034.D	Fluorene-d10	40	26.22	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.17	45		10	130
			Anthracene-d10	40	26.44	66		10	150
			Pyrene-d10	40	24.33	61		10	130
			Benzo(a)pyrene-d12	40	20.50	51		10	140
P3088-12	A4CY4	BG062023.D	1,4-Dioxane-d8	8	2.82	35		15	120
			Pyridine-d5	40	17.02	43		20	120
			Phenol-d5	40	20.62	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.45	46		10	150
			2-Chlorophenol-d4	40	21.83	55		15	120
			4-Methylphenol-d8	40	21.12	53		10	140
			Nitrobenzene-d5	40	23.02	58		10	135
			2-Nitrophenol-d4	40	23.97	60		10	120
			2,4-Dichlorophenol-d3	40	24.00	60		10	140
			4-Chloroaniline-d4	40	20.70	52		1	145
			Dimethylphthalate-d6	40	23.95	60		10	145
			Acenaphthylene-d8	40	24.51	61		15	120
			4-Nitrophenol-d4	40	21.31	53		10	150
			Fluorene-d10	40	25.18	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.03	53		10	130
			Anthracene-d10	40	23.69	59		10	150
			Pyrene-d10	40	23.93	60		10	130
			Benzo(a)pyrene-d12	40	25.01	63		10	140
P3088-13	A4CY5	BG062024.D	1,4-Dioxane-d8	8	3.99	50		15	120
			Pyridine-d5	40	19.16	48		20	120
			Phenol-d5	40	22.50	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.00	52		10	150
			2-Chlorophenol-d4	40	24.78	62		15	120
			4-Methylphenol-d8	40	22.87	57		10	140
			Nitrobenzene-d5	40	25.56	64		10	135
			2-Nitrophenol-d4	40	28.40	71		10	120
			2,4-Dichlorophenol-d3	40	27.04	68		10	140
			4-Chloroaniline-d4	40	23.72	59		1	145
			Dimethylphthalate-d6	40	26.30	66		10	145
			Acenaphthylene-d8	40	27.30	68		15	120
			4-Nitrophenol-d4	40	24.96	62		10	150
			Fluorene-d10	40	28.00	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.00	57		10	130
			Anthracene-d10	40	26.56	66		10	150
			Pyrene-d10	40	27.84	70		10	130
			Benzo(a)pyrene-d12	40	28.20	71		10	140
P3088-16	A4D11	BG062025.D	1,4-Dioxane-d8	8	2.86	36		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	18.22	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.88	45		10	150
			2-Chlorophenol-d4	40	20.15	50		15	120
			4-Methylphenol-d8	40	19.03	48		10	140
			Nitrobenzene-d5	40	22.81	57		10	135
			2-Nitrophenol-d4	40	18.72	47		10	120

Surrogate Summary

SW-846

SDG No.: BG071124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3088-16	A4D11	BG062025.D	2,4-Dichlorophenol-d3	40	20.23	51		10	140
			4-Chloroaniline-d4	40	3.00	7		1	145
			Dimethylphthalate-d6	40	21.35	53		10	145
			Acenaphthylene-d8	40	23.96	60		15	120
			4-Nitrophenol-d4	40	6.35	16		10	150
			Fluorene-d10	40	23.36	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.90	35		10	130
			Anthracene-d10	40	23.35	58		10	150
			Pyrene-d10	40	23.24	58		10	130
			Benzo(a)pyrene-d12	40	23.45	59		10	140
PB161883BL	PB161883BL	BG062013.D	1,4-Dioxane-d8	8	6.11	76		15	120
			Pyridine-d5	40	26.26	66		20	120
			Phenol-d5	40	26.14	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.42	69		10	150
			2-Chlorophenol-d4	40	29.07	73		15	120
			4-Methylphenol-d8	40	26.98	67		10	140
			Nitrobenzene-d5	40	32.53	81		10	135
			2-Nitrophenol-d4	40	33.76	84		10	120
			2,4-Dichlorophenol-d3	40	31.01	78		10	140
			4-Chloroaniline-d4	40	26.89	67		1	145
			Dimethylphthalate-d6	40	31.58	79		10	145
			Acenaphthylene-d8	40	31.63	79		15	120
			4-Nitrophenol-d4	40	30.56	76		10	150
			Fluorene-d10	40	32.24	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.58	71		10	130
			Anthracene-d10	40	31.02	78		10	150
			Pyrene-d10	40	31.60	79		10	130
			Benzo(a)pyrene-d12	40	32.66	82		10	140

Surrogate Summary

SW-846

SDG No.: BG071124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3124-01	A4CB3	BG062031.D	1,4-Dioxane-d8	8	4.30	54		15	120
			Pyridine-d5	40	8.05	20		20	120
			Phenol-d5	40	28.28	71		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.46	64		10	150
			2-Chlorophenol-d4	40	28.85	72		15	120
			4-Methylphenol-d8	40	26.70	67		10	140
			Nitrobenzene-d5	40	29.27	73		10	135
			2-Nitrophenol-d4	40	30.85	77		10	120
			2,4-Dichlorophenol-d3	40	33.10	83		10	140
			4-Chloroaniline-d4	40	10.36	26		1	145
			Dimethylphthalate-d6	40	31.53	79		10	145
			Acenaphthylene-d8	40	31.92	80		15	120
			4-Nitrophenol-d4	40	31.34	78		10	150
			Fluorene-d10	40	33.25	83		20	140
			4,6-Dinitro-2-methylphenol-d2	40	34.28	86		10	130
			Anthracene-d10	40	36.22	91		10	150
			Pyrene-d10	40	31.63	79		10	130
			Benzo(a)pyrene-d12	40	28.71	72		10	140
P3124-02MS	A4CB3MS	BG062032.D	1,4-Dioxane-d8	8	3.36	42		15	120
			Pyridine-d5	40	7.79	19	*	20	120
			Phenol-d5	40	20.42	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.98	47		10	150
			2-Chlorophenol-d4	40	21.28	53		15	120
			4-Methylphenol-d8	40	18.88	47		10	140
			Nitrobenzene-d5	40	22.45	56		10	135
			2-Nitrophenol-d4	40	23.67	59		10	120
			2,4-Dichlorophenol-d3	40	24.85	62		10	140
			4-Chloroaniline-d4	40	13.29	33		1	145
			Dimethylphthalate-d6	40	23.52	59		10	145
			Acenaphthylene-d8	40	23.55	59		15	120
			4-Nitrophenol-d4	40	25.08	63		10	150
			Fluorene-d10	40	25.42	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	31.43	79		10	130
			Anthracene-d10	40	28.18	70		10	150
			Pyrene-d10	40	23.47	59		10	130
			Benzo(a)pyrene-d12	40	18.41	46		10	140
P3124-03MSD	A4CB3MSD	BG062033.D	1,4-Dioxane-d8	8	3.27	41		15	120
			Pyridine-d5	40	7.22	18	*	20	120
			Phenol-d5	40	21.47	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.58	51		10	150
			2-Chlorophenol-d4	40	22.64	57		15	120
			4-Methylphenol-d8	40	20.52	51		10	140
			Nitrobenzene-d5	40	26.50	66		10	135
			2-Nitrophenol-d4	40	26.36	66		10	120
			2,4-Dichlorophenol-d3	40	27.57	69		10	140
			4-Chloroaniline-d4	40	14.45	36		1	145
			Dimethylphthalate-d6	40	25.67	64		10	145
			Acenaphthylene-d8	40	25.64	64		15	120
			4-Nitrophenol-d4	40	26.73	67		10	150

Surrogate Summary

SW-846

SDG No.: BG071124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3124-03MSD	A4CB3MSD	BG062033.D	Fluorene-d10	40	27.56	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	33.24	83		10	130
			Anthracene-d10	40	30.74	77		10	150
			Pyrene-d10	40	24.70	62		10	130
			Benzo(a)pyrene-d12	40	20.24	51		10	140
PB161926BL	PB161926BL	BG062029.D	1,4-Dioxane-d8	8	4.18	52		15	120
			Pyridine-d5	40	19.94	50		20	120
			Phenol-d5	40	21.72	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.57	51		10	150
			2-Chlorophenol-d4	40	22.53	56		15	120
			4-Methylphenol-d8	40	21.42	54		10	140
			Nitrobenzene-d5	40	23.72	59		10	135
			2-Nitrophenol-d4	40	25.88	65		10	120
			2,4-Dichlorophenol-d3	40	25.26	63		10	140
			4-Chloroaniline-d4	40	19.87	50		1	145
			Dimethylphthalate-d6	40	22.39	56		10	145
			Acenaphthylene-d8	40	23.48	59		15	120
			4-Nitrophenol-d4	40	21.08	53		10	150
			Fluorene-d10	40	23.25	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.81	57		10	130
			Anthracene-d10	40	24.10	60		10	150
			Pyrene-d10	40	24.14	60		10	130
			Benzo(a)pyrene-d12	40	24.40	61		10	140
			1,4-Dioxane-d8	8	5.52	69		15	120
			Pyridine-d5	40	22.45	56		20	120
PB161926BS	PB161926BS	BG062027.D	Phenol-d5	40	25.41	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.53	59		10	150
			2-Chlorophenol-d4	40	24.61	62		15	120
			4-Methylphenol-d8	40	24.61	62		10	140
			Nitrobenzene-d5	40	27.08	68		10	135
			2-Nitrophenol-d4	40	29.89	75		10	120
			2,4-Dichlorophenol-d3	40	28.69	72		10	140
			4-Chloroaniline-d4	40	22.33	56		1	145
			Dimethylphthalate-d6	40	25.69	64		10	145
			Acenaphthylene-d8	40	27.16	68		15	120
			4-Nitrophenol-d4	40	27.40	69		10	150
			Fluorene-d10	40	27.76	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	29.64	74		10	130
			Anthracene-d10	40	26.50	66		10	150
			Pyrene-d10	40	26.82	67		10	130
			Benzo(a)pyrene-d12	40	28.70	72		10	140

Surrogate Summary

SW-846

SDG No.: BG071124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3125-01	A4CZ2	BG062015.D	1,4-Dioxane-d8	8	4.55	57		15	120
			Pyridine-d5	40	2.07	5	*	20	120
			Phenol-d5	40	30.35	76		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.44	71		10	150
			2-Chlorophenol-d4	40	30.51	76		15	120
			4-Methylphenol-d8	40	30.44	76		10	140
			Nitrobenzene-d5	40	31.46	79		10	135
			2-Nitrophenol-d4	40	34.04	85		10	120
			2,4-Dichlorophenol-d3	40	33.49	84		10	140
			4-Chloroaniline-d4	40	8.44	21		1	145
			Dimethylphthalate-d6	40	30.29	76		10	145
			Acenaphthylene-d8	40	31.33	78		15	120
			4-Nitrophenol-d4	40	30.16	75		10	150
			Fluorene-d10	40	31.63	79		20	140
			4,6-Dinitro-2-methylphenol-d2	40	31.26	78		10	130
			Anthracene-d10	40	30.73	77		10	150
			Pyrene-d10	40	21.96	55		10	130
			Benzo(a)pyrene-d12	40	14.77	37		10	140
P3125-02MS	A4CZ2MS	BG062016.D	1,4-Dioxane-d8	8	4.72	59		15	120
			Pyridine-d5	40	10.81	27		20	120
			Phenol-d5	40	32.05	80		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.46	76		10	150
			2-Chlorophenol-d4	40	33.46	84		15	120
			4-Methylphenol-d8	40	31.80	79		10	140
			Nitrobenzene-d5	40	36.55	91		10	135
			2-Nitrophenol-d4	40	38.47	96		10	120
			2,4-Dichlorophenol-d3	40	39.09	98		10	140
			4-Chloroaniline-d4	40	20.36	51		1	145
			Dimethylphthalate-d6	40	36.20	90		10	145
			Acenaphthylene-d8	40	36.51	91		15	120
			4-Nitrophenol-d4	40	34.53	86		10	150
			Fluorene-d10	40	37.56	94		20	140
			4,6-Dinitro-2-methylphenol-d2	40	43.43	109		10	130
			Anthracene-d10	40	36.28	91		10	150
			Pyrene-d10	40	24.66	62		10	130
			Benzo(a)pyrene-d12	40	16.72	42		10	140
P3125-03MSD	A4CZ2MSD	BG062017.D	1,4-Dioxane-d8	8	4.62	58		15	120
			Pyridine-d5	40	10.49	26		20	120
			Phenol-d5	40	29.52	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.09	68		10	150
			2-Chlorophenol-d4	40	32.41	81		15	120
			4-Methylphenol-d8	40	29.33	73		10	140
			Nitrobenzene-d5	40	33.82	85		10	135
			2-Nitrophenol-d4	40	35.31	88		10	120
			2,4-Dichlorophenol-d3	40	37.38	93		10	140
			4-Chloroaniline-d4	40	19.71	49		1	145
			Dimethylphthalate-d6	40	35.10	88		10	145
			Acenaphthylene-d8	40	35.13	88		15	120
			4-Nitrophenol-d4	40	36.48	91		10	150

Surrogate Summary

SW-846

SDG No.: BG071124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3125-03MSD	A4CZ2MSD	BG062017.D	Fluorene-d10	40	35.99	90		20	140
			4,6-Dinitro-2-methylphenol-d2	40	40.11	100		10	130
			Anthracene-d10	40	34.35	86		10	150
			Pyrene-d10	40	23.83	60		10	130
			Benzo(a)pyrene-d12	40	15.76	39		10	140
PB161928BL	PB161928BL	BG062007.D	1,4-Dioxane-d8	8	6.37	80		15	120
			Pyridine-d5	40	27.00	67		20	120
			Phenol-d5	40	28.65	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.50	71		10	150
			2-Chlorophenol-d4	40	29.32	73		15	120
			4-Methylphenol-d8	40	27.18	68		10	140
			Nitrobenzene-d5	40	30.76	77		10	135
			2-Nitrophenol-d4	40	34.40	86		10	120
			2,4-Dichlorophenol-d3	40	31.06	78		10	140
			4-Chloroaniline-d4	40	26.38	66		1	145
			Dimethylphthalate-d6	40	31.80	79		10	145
			Acenaphthylene-d8	40	31.85	80		15	120
			4-Nitrophenol-d4	40	30.27	76		10	150
			Fluorene-d10	40	32.22	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.98	52		10	130
			Anthracene-d10	40	31.31	78		10	150
			Pyrene-d10	40	31.40	78		10	130
			Benzo(a)pyrene-d12	40	31.77	79		10	140
			1,4-Dioxane-d8	8	9.67	121	*	15	120
			Pyridine-d5	40	33.98	85		20	120
PB161928BS	PB161928BS	BG062008.D	Phenol-d5	40	29.86	75		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.79	72		10	150
			2-Chlorophenol-d4	40	31.12	78		15	120
			4-Methylphenol-d8	40	29.60	74		10	140
			Nitrobenzene-d5	40	33.79	84		10	135
			2-Nitrophenol-d4	40	35.01	88		10	120
			2,4-Dichlorophenol-d3	40	35.37	88		10	140
			4-Chloroaniline-d4	40	28.57	71		1	145
			Dimethylphthalate-d6	40	33.25	83		10	145
			Acenaphthylene-d8	40	33.87	85		15	120
			4-Nitrophenol-d4	40	35.32	88		10	150
			Fluorene-d10	40	34.64	87		20	140
			4,6-Dinitro-2-methylphenol-d2	40	32.52	81		10	130
			Anthracene-d10	40	33.27	83		10	150
			Pyrene-d10	40	33.95	85		10	130
			Benzo(a)pyrene-d12	40	35.26	88		10	140

Surrogate Summary

SW-846

SDG No.: BG071124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3139-01	A4D00	BG062018.D	1,4-Dioxane-d8	8	4.01	50		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	28.19	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.30	66		10	150
			2-Chlorophenol-d4	40	29.56	74		15	120
			4-Methylphenol-d8	40	27.83	70		10	140
			Nitrobenzene-d5	40	35.74	89		10	135
			2-Nitrophenol-d4	40	35.72	89		10	120
			2,4-Dichlorophenol-d3	40	35.68	89		10	140
			4-Chloroaniline-d4	40	3.85	10		1	145
			Dimethylphthalate-d6	40	33.35	83		10	145
			Acenaphthylene-d8	40	34.62	87		15	120
			4-Nitrophenol-d4	40	30.54	76		10	150
			Fluorene-d10	40	34.51	86		20	140
			4,6-Dinitro-2-methylphenol-d2	40	29.99	75		10	130
			Anthracene-d10	40	34.15	85		10	150
			Pyrene-d10	40	23.74	59		10	130
			Benzo(a)pyrene-d12	40	15.34	38		10	140
P3139-02MS	A4D00MS	BG062019.D	1,4-Dioxane-d8	8	4.74	59		15	120
			Pyridine-d5	40	5.84	15	*	20	120
			Phenol-d5	40	36.76	92		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.52	81		10	150
			2-Chlorophenol-d4	40	38.15	95		15	120
			4-Methylphenol-d8	40	35.85	90		10	140
			Nitrobenzene-d5	40	40.49	101		10	135
			2-Nitrophenol-d4	40	42.21	106		10	120
			2,4-Dichlorophenol-d3	40	41.73	104		10	140
			4-Chloroaniline-d4	40	13.13	33		1	145
			Dimethylphthalate-d6	40	40.46	101		10	145
			Acenaphthylene-d8	40	42.42	106		15	120
			4-Nitrophenol-d4	40	38.54	96		10	150
			Fluorene-d10	40	42.39	106		20	140
			4,6-Dinitro-2-methylphenol-d2	40	46.58	116		10	130
			Anthracene-d10	40	40.48	101		10	150
			Pyrene-d10	40	27.87	70		10	130
			Benzo(a)pyrene-d12	40	17.73	44		10	140
P3139-03MSD	A4D00MSD	BG062020.D	1,4-Dioxane-d8	8	4.62	58		15	120
			Pyridine-d5	40	5.05	13	*	20	120
			Phenol-d5	40	29.19	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.09	65		10	150
			2-Chlorophenol-d4	40	30.53	76		15	120
			4-Methylphenol-d8	40	28.48	71		10	140
			Nitrobenzene-d5	40	35.55	89		10	135
			2-Nitrophenol-d4	40	35.54	89		10	120
			2,4-Dichlorophenol-d3	40	36.77	92		10	140
			4-Chloroaniline-d4	40	10.56	26		1	145
			Dimethylphthalate-d6	40	32.86	82		10	145
			Acenaphthylene-d8	40	33.56	84		15	120
			4-Nitrophenol-d4	40	31.10	78		10	150

Surrogate Summary

SW-846

SDG No.: BG071124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3139-03MSD	A4D00MSD	BG062020.D	Fluorene-d10	40	34.19	85		20	140
			4,6-Dinitro-2-methylphenol-d2	40	40.00	100		10	130
			Anthracene-d10	40	32.54	81		10	150
			Pyrene-d10	40	22.39	56		10	130
			Benzo(a)pyrene-d12	40	14.95	37		10	140
PB161949BL	PB161949BL	BG062026.D	1,4-Dioxane-d8	8	5.00	63		15	120
			Pyridine-d5	40	24.41	61		20	120
			Phenol-d5	40	25.00	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.20	58		10	150
			2-Chlorophenol-d4	40	26.13	65		15	120
			4-Methylphenol-d8	40	25.44	64		10	140
			Nitrobenzene-d5	40	29.36	73		10	135
			2-Nitrophenol-d4	40	30.47	76		10	120
			2,4-Dichlorophenol-d3	40	29.85	75		10	140
			4-Chloroaniline-d4	40	27.16	68		1	145
			Dimethylphthalate-d6	40	26.76	67		10	145
			Acenaphthylene-d8	40	28.43	71		15	120
			4-Nitrophenol-d4	40	27.10	68		10	150
			Fluorene-d10	40	28.59	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.50	66		10	130
			Anthracene-d10	40	29.76	74		10	150
			Pyrene-d10	40	30.41	76		10	130
			Benzo(a)pyrene-d12	40	30.28	76		10	140

Surrogate Summary

SW-846

SDG No.: BG071124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3198-01	E08E4	BG062021.D	Pyridine-d5	40	7.71	19	*	20	120
			1,4-Dioxane-d8	8	4.77	60		15	120
			Phenol-d5	40	10.80	27		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.71	79		25	120
			2-Chlorophenol-d4	40	32.85	82		20	130
			4-Methylphenol-d8	40	21.24	53		25	125
			Nitrobenzene-d5	40	37.54	94		20	125
			2-Nitrophenol-d4	40	40.42	101		20	130
			2,4-Dichlorophenol-d3	40	36.73	92		20	120
			4-Chloroaniline-d4	40	27.59	69		1	146
			Dimethylphthalate-d6	40	35.63	89		25	130
			Acenaphthylene-d8	40	37.55	94		10	130
			4-Nitrophenol-d4	40	9.84	25		10	150
			Fluorene-d10	40	37.23	93		25	125
			4,6-Dinitro-2-methylphenol-d2	40	39.71	99		10	130
			Anthracene-d10	40	40.79	102		25	130
			Pyrene-d10	40	40.45	101		15	130
			Benzo(a)pyrene-d12	40	41.03	103		20	130
P3198-03	E08E7	BG062022.D	1,4-Dioxane-d8	8	4.41	55	*	15	120
			Pyridine-d5	40	7.76	19		20	120
			Phenol-d5	40	8.83	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.70	74		25	120
			2-Chlorophenol-d4	40	29.01	73		20	130
			4-Methylphenol-d8	40	19.93	50		25	125
			Nitrobenzene-d5	40	37.42	94		20	125
			2-Nitrophenol-d4	40	37.98	95		20	130
			2,4-Dichlorophenol-d3	40	37.53	94		20	120
			4-Chloroaniline-d4	40	25.87	65		1	146
			Dimethylphthalate-d6	40	37.26	93		25	130
			Acenaphthylene-d8	40	38.52	96		10	130
			4-Nitrophenol-d4	40	10.80	27		10	150
			Fluorene-d10	40	39.77	99		25	125
			4,6-Dinitro-2-methylphenol-d2	40	39.73	99		10	130
			Anthracene-d10	40	41.78	104		25	130
			Pyrene-d10	40	42.67	107		15	130
			Benzo(a)pyrene-d12	40	43.09	108		20	130
PB162020BL	PB162020BL	BG062030.D	1,4-Dioxane-d8	8	5.69	71		15	120
			Pyridine-d5	40	23.78	59		20	120
			Phenol-d5	40	26.64	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.97	60		25	120
			2-Chlorophenol-d4	40	25.83	65		20	130
			4-Methylphenol-d8	40	25.83	65		25	125
			Nitrobenzene-d5	40	32.16	80		20	125
			2-Nitrophenol-d4	40	32.26	81		20	130
			2,4-Dichlorophenol-d3	40	31.88	80		20	120
			4-Chloroaniline-d4	40	27.48	69		1	146
			Dimethylphthalate-d6	40	29.74	74		25	130
			Acenaphthylene-d8	40	31.02	78		10	130
			4-Nitrophenol-d4	40	27.89	70		10	150



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

Surrogate Summary

SW-846

SDG No.: BG071124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162020BL	PB162020BL	BG062030.D	Fluorene-d10	40	30.94	77		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.26	76		10	130
			Anthracene-d10	40	32.07	80		25	130
			Pyrene-d10	40	32.13	80		15	130
			Benzo(a)pyrene-d12	40	32.64	82		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG071124

Lab Code: CHEM

SAS No.: BG071124

SDG NO.: BG071124

Lab File ID: BG062005.D

DFTPP Injection Date: 07/11/2024

Instrument ID: BNA_G

DFTPP Injection Time: 07:56

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	55.3
68	Less than 2.0% of mass 69	0.3 (0.8) 1
69	Mass 69 relative abundance	41.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47.2
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.5
275	10.0 - 60.0% of mass 198	29.5
365	Greater than 1% of mass 198	6.5
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	94.4
443	15.0 - 24.0% of mass 442	18.3 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020566	SSTDCCC020	BG062006.D	07/11/2024	12:11
SBLK928	PB161928BL	BG062007.D	07/11/2024	12:51
SLCS928	PB161928BS	BG062008.D	07/11/2024	13:32
SBLK824	PB161824BL	BG062009.D	07/11/2024	14:13
A4CZ3	P3088-06	BG062010.D	07/11/2024	14:54
A4CZ4	P3088-07	BG062011.D	07/11/2024	15:35
SSTD020567	SSTDCCC020	BG062012.D	07/11/2024	16:16
SBLK883	PB161883BL	BG062013.D	07/11/2024	17:02
SBLK825	PB161825BL	BG062014.D	07/11/2024	17:44
A4CZ2	P3125-01	BG062015.D	07/11/2024	18:25
A4CZ2MS	P3125-02MS	BG062016.D	07/11/2024	19:06
A4CZ2MSD	P3125-03MSD	BG062017.D	07/11/2024	19:46
A4D00	P3139-01	BG062018.D	07/11/2024	20:28
A4D00MS	P3139-02MS	BG062019.D	07/11/2024	21:09
A4D00MSD	P3139-03MSD	BG062020.D	07/11/2024	21:50
E08E4	P3198-01	BG062021.D	07/11/2024	22:31
E08E7	P3198-03	BG062022.D	07/11/2024	23:12
A4CY4	P3088-12	BG062023.D	07/11/2024	23:53

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG071124

Lab Code: CHEM

SAS No.: BG071124 SDG NO.: BG071124

Lab File ID: BG062005.D

DFTPP Injection Date: 07/11/2024

Instrument ID: BNA_G

DFTPP Injection Time: 07:56

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	55.3
68	Less than 2.0% of mass 69	0.3 (0.8) 1
69	Mass 69 relative abundance	41.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47.2
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.5
275	10.0 - 60.0% of mass 198	29.5
365	Greater than 1% of mass 198	6.5
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	94.4
443	15.0 - 24.0% of mass 442	18.3 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
A4CY5	P3088-13	BG062024.D	07/12/2024	00:34
A4D11	P3088-16	BG062025.D	07/12/2024	01:15
SBLK949	PB161949BL	BG062026.D	07/12/2024	01:56
SLCS926	PB161926BS	BG062027.D	07/12/2024	02:37
SSTD020568	SSTDCCC020	BG062028.D	07/12/2024	03:58
SBLK926	PB161926BL	BG062029.D	07/12/2024	05:19
SBLK020	PB162020BL	BG062030.D	07/12/2024	06:00
A4CB3	P3124-01	BG062031.D	07/12/2024	06:40
A4CB3MS	P3124-02MS	BG062032.D	07/12/2024	07:21
A4CB3MSD	P3124-03MSD	BG062033.D	07/12/2024	08:01
A4BR7	P3088-09	BG062034.D	07/12/2024	08:42