

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG071224 SAS No.: BG071224 SDG No.: BG071224

Instrument ID: BNA_G Calibration Date/Time: 7/12/2024 1:17:58

Lab File ID: BG062045.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020570 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	0.485	0.010	-17.3832	40.0
Benzaldehyde	1.158	0.997	0.010	-13.9736	40.0
Pyridine	1.678	1.470	0.010	-12.4136	40.0
Phenol	2.241	1.661	0.080	-25.8918	20.0
Bis(2-Chloroethyl) ether	1.721	1.346	0.100	-21.826	20.0
2-Chlorophenol	1.530	1.290	0.200	-15.6572	20.0
2-Methylphenol	1.599	1.416	0.010	-11.4503	20.0
2,2-oxybis(1-Chloropropane)	3.761	2.942	0.010	-21.7618	40.0
Acetophenone	2.847	2.488	0.060	-12.615	20.0
4-Methylphenol	1.791	1.542	0.010	-13.9196	20.0
N-Nitroso-di-n-propylamine	1.594	1.324	0.050	-16.9357	30.0
Hexachloroethane	0.664	0.618	0.100	-6.7896	20.0
Nitrobenzene	0.432	0.449	0.050	4.0269	25.0
Isophorone	0.975	0.869	0.050	-10.9367	25.0
2-Nitrophenol	0.177	0.187	0.050	5.8151	25.0
2,4-Dimethylphenol	0.424	0.434	0.050	2.4333	25.0
Bis(2-Chloroethoxy) methane	0.537	0.457	0.050	-14.8711	20.0
2,4-Dichlorophenol	0.315	0.323	0.060	2.7055	20.0
Naphthalene	1.099	1.087	0.200	-1.0336	20.0
4-Chloroaniline	0.477	0.462	0.010	-3.2721	40.0
Hexachlorobutadiene	0.237	0.257	0.040	8.6001	30.0
Caprolactam	0.123	0.122	0.010	-0.6849	40.0
4-Chloro-3-methylphenol	0.419	0.441	0.040	5.1677	25.0
1-Methylnaphthalene	0.827	0.836	0.100	1.1274	20.0
2-Methylnaphthalene	0.796	0.777	0.100	-2.3793	20.0
Hexachlorocyclopentadiene	0.400	0.399	0.010	-0.2035	40.0
2,4,6-Trichlorophenol	0.399	0.453	0.090	13.6632	25.0
2,4,5-Trichlorophenol	0.438	0.510	0.100	16.357	25.0
1,1-Biphenyl	1.541	1.616	0.200	4.8385	20.0
2-Chloronaphthalene	1.157	1.240	0.300	7.2049	20.0
2-Nitroaniline	0.463	0.573	0.050	23.7689	40.0
Dimethylphthalate	1.582	1.460	0.300	-7.7076	20.0
2,6-Dinitrotoluene	0.300	0.319	0.080	6.4573	30.0
Acenaphthylene	1.887	1.801	0.400	-4.5525	20.0
3-Nitroaniline	0.292	0.308	0.010	5.2974	40.0
Acenaphthene	1.303	1.259	0.200	-3.3899	20.0
2,4-Dinitrophenol	0.157	0.215	0.010	36.9229	40.0
4-Nitrophenol	0.300	0.328	0.010	9.4219	40.0
Dibenzofuran	1.842	1.798	0.300	-2.3694	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG071224 SAS No.: BG071224 SDG No.: BG071224

Instrument ID: BNA_G Calibration Date/Time: 7/12/2024 1:17:58

Lab File ID: BG062045.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020570 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	0.491	0.070	11.6096	30.0
Diethylphthalate	1.704	1.616	0.300	-5.1623	20.0
Fluorene	1.566	1.495	0.200	-4.5606	20.0
4-Chlorophenyl-phenylether	0.787	0.789	0.100	0.3032	20.0
4-Nitroaniline	0.296	0.314	0.010	5.8085	40.0
4,6-Dinitro-2-methylphenol	0.113	0.114	0.010	0.4152	40.0
N-Nitrosodiphenylamine	0.546	0.511	0.050	-6.4743	20.0
1,2,4,5-Tetrachlorobenzene	0.601	0.693	0.100	15.3017	20.0
4-Bromophenyl-phenylether	0.227	0.217	0.070	-4.3735	20.0
Hexachlorobenzene	0.261	0.267	0.050	2.2093	25.0
Atrazine	0.216	0.220	0.010	2.0393	25.0
Pentachlorophenol	0.143	0.148	0.010	3.0149	40.0
Phenanthrene	1.055	1.007	0.200	-4.4836	20.0
Pentachlorobenzene	0.283	0.294	0.050	3.7084	20.0
Anthracene	1.090	1.045	0.200	-4.0814	20.0
1,2,3,4-Tetrachlorobenzene	0.248	0.272	0.050	9.63	20.0
Carbazole	0.917	0.898	0.050	-2.0846	40.0
Di-n-butylphthalate	1.178	1.115	0.500	-5.3146	25.0
Fluoranthene	1.392	1.121	0.400	-19.4542	25.0
Pyrene	1.438	1.128	0.400	-21.5715	25.0
Butylbenzylphthalate	0.604	0.554	0.100	-8.2158	40.0
3,3-Dichlorobenzidine	0.476	0.519	0.010	9.0098	40.0
Benzo (a) anthracene	1.448	1.381	0.300	-4.6398	30.0
Chrysene	1.356	1.267	0.200	-6.5387	30.0
Bis (2-ethylhexyl) phthalate	0.866	0.799	0.200	-7.7601	40.0
Di-n-octyl phthalate	1.222	1.321	0.010	8.1048	40.0
Benzo (b) fluoranthene	1.260	1.184	0.200	-6.0684	25.0
Benzo (k) fluoranthene	1.257	1.189	0.200	-5.3987	25.0
Benzo (a) pyrene	1.193	1.133	0.200	-5.0856	20.0
Indeno (1,2,3-cd) pyrene	1.525	1.693	0.200	11.0217	25.0
Dibenzo (a,h) anthracene	1.259	1.376	0.200	9.2607	30.0
Benzo (g,h,i) perylene	1.213	1.331	0.200	9.6798	30.0
2,3,4,6-Tetrachlorophenol	0.396	0.404	0.040	2.1725	20.0
1,4-Dioxane-d8	0.532	0.491	0.010	-7.7492	25.0
Pyridine-d5	1.636	1.410	0.010	-13.8407	40.0
Phenol-d5	2.189	1.613	0.010	-26.3101	25.0
Bis- (2-Chloroethyl) ether-d8	1.386	0.929	0.050	-32.9395	25.0
2-Chlorophenol-d4	1.501	1.275	0.200	-15.0967	20.0
4-Methylphenol-d8	1.723	1.462	0.010	-15.1564	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG071224 SAS No.: BG071224 SDG No.: BG071224

Instrument ID: BNA_G Calibration Date/Time: 7/12/2024 1:17:58

Lab File ID: BG062045.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020570 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.152	0.161	0.050	6.0402	20.0
2-Nitrophenol-d4	0.174	0.187	0.050	7.9112	30.0
2,4-Dichlorophenol-d3	0.335	0.371	0.060	10.7673	20.0
4-Chloroaniline-d4	0.486	0.466	0.010	-4.2413	40.0
Dimethylphthalate-d6	1.644	1.532	0.300	-6.8093	20.0
Acenaphthylene-d8	1.719	1.675	0.400	-2.5975	20.0
4-Nitrophenol-d4	0.263	0.239	0.010	-8.9605	40.0
Fluorene-d10	1.384	1.350	0.100	-2.4379	20.0
4,6-Dinitro-2-methylphenol-d2	0.105	0.111	0.010	5.6009	40.0
Anthracene-d10	0.934	0.916	0.300	-1.9032	20.0
Pyrene-d10	1.176	0.939	0.300	-20.1917	25.0
Benzo(a)pyrene-d12	0.992	0.939	0.010	-5.3454	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.: BG071224 SAS No.: BG071224 SDG No.: BG071224

Instrument ID: BNA_G Calibration Date/Time: 7/13/2024 1:04:14

Lab File ID: BG062059.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020571 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	0.648	0.010	10.2436	40.0
Benzaldehyde	1.158	1.254	0.010	8.23	40.0
Pyridine	1.678	1.682	0.010	0.196	40.0
Phenol	2.241	2.036	0.080	-9.1437	20.0
Bis(2-Chloroethyl) ether	1.721	1.447	0.100	-15.9286	20.0
2-Chlorophenol	1.530	1.434	0.200	-6.2788	20.0
2-Methylphenol	1.599	1.520	0.010	-4.9706	20.0
2,2-oxybis(1-Chloropropane)	3.761	3.037	0.010	-19.2354	40.0
Acetophenone	2.847	2.701	0.060	-5.1319	20.0
4-Methylphenol	1.791	1.696	0.010	-5.3365	20.0
N-Nitroso-di-n-propylamine	1.594	1.380	0.050	-13.3997	30.0
Hexachloroethane	0.664	0.631	0.100	-4.9339	20.0
Nitrobenzene	0.432	0.442	0.050	2.2726	25.0
Isophorone	0.975	0.831	0.050	-14.7924	25.0
2-Nitrophenol	0.177	0.170	0.050	-3.8689	25.0
2,4-Dimethylphenol	0.424	0.460	0.050	8.5375	25.0
Bis(2-Chloroethoxy) methane	0.537	0.447	0.050	-16.7178	20.0
2,4-Dichlorophenol	0.315	0.335	0.060	6.2919	20.0
Naphthalene	1.099	1.054	0.200	-4.0569	20.0
4-Chloroaniline	0.477	0.473	0.010	-0.93	40.0
Hexachlorobutadiene	0.237	0.249	0.040	5.0852	30.0
Caprolactam	0.123	0.129	0.010	4.9636	40.0
4-Chloro-3-methylphenol	0.419	0.476	0.040	13.6171	25.0
1-Methylnaphthalene	0.827	0.841	0.100	1.7051	20.0
2-Methylnaphthalene	0.796	0.799	0.100	0.3819	20.0
Hexachlorocyclopentadiene	0.400	0.301	0.010	-24.5926	40.0
2,4,6-Trichlorophenol	0.399	0.395	0.090	-1.0544	25.0
2,4,5-Trichlorophenol	0.438	0.447	0.100	2.0427	25.0
1,1-Biphenyl	1.541	1.413	0.200	-8.3363	20.0
2-Chloronaphthalene	1.157	1.088	0.300	-5.8951	20.0
2-Nitroaniline	0.463	0.484	0.050	4.6049	40.0
Dimethylphthalate	1.582	1.455	0.300	-8.0246	20.0
2,6-Dinitrotoluene	0.300	0.330	0.080	10.0054	30.0
Acenaphthylene	1.887	1.778	0.400	-5.7988	20.0
3-Nitroaniline	0.292	0.336	0.010	15.1377	40.0
Acenaphthene	1.303	1.287	0.200	-1.2593	20.0
2,4-Dinitrophenol	0.157	0.159	0.010	1.5214	40.0
4-Nitrophenol	0.300	0.335	0.010	11.7505	40.0
Dibenzofuran	1.842	1.826	0.300	-0.821	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG071224 SAS No.: BG071224 SDG No.: BG071224

Instrument ID: BNA_G Calibration Date/Time: 7/13/2024 1:04:14

Lab File ID: BG062059.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020571 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	0.519	0.070	18.0582	30.0
Diethylphthalate	1.704	1.703	0.300	-0.071	20.0
Fluorene	1.566	1.597	0.200	1.9627	20.0
4-Chlorophenyl-phenylether	0.787	0.778	0.100	-1.0681	20.0
4-Nitroaniline	0.296	0.328	0.010	10.7243	40.0
4,6-Dinitro-2-methylphenol	0.113	0.107	0.010	-5.1787	40.0
N-Nitrosodiphenylamine	0.546	0.510	0.050	-6.6001	20.0
1,2,4,5-Tetrachlorobenzene	0.601	0.592	0.100	-1.4605	20.0
4-Bromophenyl-phenylether	0.227	0.222	0.070	-2.2125	20.0
Hexachlorobenzene	0.261	0.268	0.050	2.5391	25.0
Atrazine	0.216	0.218	0.010	1.2157	25.0
Pentachlorophenol	0.143	0.097	0.010	-32.2693	40.0
Phenanthrene	1.055	1.001	0.200	-5.0679	20.0
Pentachlorobenzene	0.283	0.281	0.050	-0.856	20.0
Anthracene	1.090	1.028	0.200	-5.7042	20.0
1,2,3,4-Tetrachlorobenzene	0.248	0.228	0.050	-8.065	20.0
Carbazole	0.917	0.883	0.050	-3.6725	40.0
Di-n-butylphthalate	1.178	1.129	0.500	-4.0895	25.0
Fluoranthene	1.392	1.274	0.400	-8.5185	25.0
Pyrene	1.438	1.321	0.400	-8.1534	25.0
Butylbenzylphthalate	0.604	0.555	0.100	-8.0149	40.0
3,3-Dichlorobenzidine	0.476	0.518	0.010	8.8075	40.0
Benzo (a) anthracene	1.448	1.389	0.300	-4.0872	30.0
Chrysene	1.356	1.293	0.200	-4.6172	30.0
Bis (2-ethylhexyl) phthalate	0.866	0.800	0.200	-7.6194	40.0
Di-n-octyl phthalate	1.222	1.170	0.010	-4.2521	40.0
Benzo (b) fluoranthene	1.260	1.214	0.200	-3.6686	25.0
Benzo (k) fluoranthene	1.257	1.233	0.200	-1.8742	25.0
Benzo (a) pyrene	1.193	1.160	0.200	-2.7846	20.0
Indeno (1,2,3-cd) pyrene	1.525	1.479	0.200	-3.0354	25.0
Dibenzo (a,h) anthracene	1.259	1.238	0.200	-1.6822	30.0
Benzo (g,h,i) perylene	1.213	1.142	0.200	-5.8706	30.0
2,3,4,6-Tetrachlorophenol	0.396	0.396	0.040	-0.0119	20.0
1,4-Dioxane-d8	0.532	0.540	0.010	1.3952	25.0
Pyridine-d5	1.636	1.539	0.010	-5.9341	40.0
Phenol-d5	2.189	2.039	0.010	-6.8418	25.0
Bis- (2-Chloroethyl) ether-d8	1.386	1.128	0.050	-18.5827	25.0
2-Chlorophenol-d4	1.501	1.445	0.200	-3.747	20.0
4-Methylphenol-d8	1.723	1.657	0.010	-3.8216	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BG071224 SAS No.: BG071224 SDG No.: BG071224
 Instrument ID: BNA_G Calibration Date/Time: 7/13/2024 1:04:14
 Lab File ID: BG062059.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020571 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	-2.4544	20.0
2-Nitrophenol-d4	0.174	0.183	0.050	5.6379	30.0
2,4-Dichlorophenol-d3	0.335	0.367	0.060	9.6847	20.0
4-Chloroaniline-d4	0.486	0.486	0.010	-0.1865	40.0
Dimethylphthalate-d6	1.644	1.577	0.300	-4.0757	20.0
Acenaphthylene-d8	1.719	1.670	0.400	-2.8877	20.0
4-Nitrophenol-d4	0.263	0.268	0.010	2.0403	40.0
Fluorene-d10	1.384	1.410	0.100	1.8841	20.0
4,6-Dinitro-2-methylphenol-d2	0.105	0.102	0.010	-3.0217	40.0
Anthracene-d10	0.934	0.895	0.300	-4.0989	20.0
Pyrene-d10	1.176	1.090	0.300	-7.3304	25.0
Benzo(a)pyrene-d12	0.992	0.992	0.010	0.0592	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.: BG071224 SAS No.: BG071224 SDG No.: BG071224

Instrument ID: BNA_G Calibration Date/Time: 7/13/2024 1:09:39

Lab File ID: BG062066.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020570 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	0.544	0.010	-7.464	50.0
Benzaldehyde	1.158	1.039	0.010	-10.3483	50.0
Pyridine	1.678	1.730	0.010	3.0554	50.0
Phenol	2.241	2.012	0.080	-10.2332	50.0
Bis(2-Chloroethyl)ether	1.721	1.321	0.100	-23.261	50.0
2-Chlorophenol	1.530	1.364	0.200	-10.8275	50.0
2-Methylphenol	1.599	1.414	0.010	-11.5762	50.0
2,2-oxybis(1-Chloropropane)	3.761	2.824	0.010	-24.9241	50.0
Acetophenone	2.847	2.476	0.060	-13.0359	50.0
4-Methylphenol	1.791	1.645	0.010	-8.1484	50.0
N-Nitroso-di-n-propylamine	1.594	1.280	0.050	-19.6965	50.0
Hexachloroethane	0.664	0.603	0.100	-9.0897	50.0
Nitrobenzene	0.432	0.404	0.050	-6.53	50.0
Isophorone	0.975	0.778	0.050	-20.2009	50.0
2-Nitrophenol	0.177	0.153	0.050	-13.4006	50.0
2,4-Dimethylphenol	0.424	0.420	0.050	-1.0407	50.0
Bis(2-Chloroethoxy)methane	0.537	0.404	0.050	-24.7137	50.0
2,4-Dichlorophenol	0.315	0.309	0.060	-1.8266	50.0
Naphthalene	1.099	0.962	0.200	-12.3928	50.0
4-Chloroaniline	0.477	0.459	0.010	-3.8861	50.0
Hexachlorobutadiene	0.237	0.218	0.040	-8.0982	50.0
Caprolactam	0.123	0.115	0.010	-6.7136	50.0
4-Chloro-3-methylphenol	0.419	0.445	0.040	6.0464	50.0
1-Methylnaphthalene	0.827	0.764	0.100	-7.5851	50.0
2-Methylnaphthalene	0.796	0.745	0.100	-6.3986	50.0
Hexachlorocyclopentadiene	0.400	0.196	0.010	-50.9384	50.0
2,4,6-Trichlorophenol	0.399	0.355	0.090	-11.0839	50.0
2,4,5-Trichlorophenol	0.438	0.392	0.100	-10.4975	50.0
1,1-Biphenyl	1.541	1.284	0.200	-16.6681	50.0
2-Chloronaphthalene	1.157	0.988	0.300	-14.5953	50.0
2-Nitroaniline	0.463	0.471	0.050	1.6877	50.0
Dimethylphthalate	1.582	1.378	0.300	-12.8683	50.0
2,6-Dinitrotoluene	0.300	0.295	0.080	-1.6554	50.0
Acenaphthylene	1.887	1.636	0.400	-13.2951	50.0
3-Nitroaniline	0.292	0.280	0.010	-4.2616	50.0
Acenaphthene	1.303	1.143	0.200	-12.2486	50.0
2,4-Dinitrophenol	0.157	0.082	0.010	-47.5635	50.0
4-Nitrophenol	0.300	0.295	0.010	-1.644	50.0
Dibenzofuran	1.842	1.634	0.300	-11.2886	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG071224 SAS No.: BG071224 SDG No.: BG071224

Instrument ID: BNA_G Calibration Date/Time: 7/13/2024 1:09:39

Lab File ID: BG062066.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020570 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	0.472	0.070	7.3277	50.0
Diethylphthalate	1.704	1.516	0.300	-11.075	50.0
Fluorene	1.566	1.435	0.200	-8.4045	50.0
4-Chlorophenyl-phenylether	0.787	0.713	0.100	-9.4148	50.0
4-Nitroaniline	0.296	0.286	0.010	-3.3861	50.0
4,6-Dinitro-2-methylphenol	0.113	0.092	0.010	-18.9454	50.0
N-Nitrosodiphenylamine	0.546	0.479	0.050	-12.3057	50.0
1,2,4,5-Tetrachlorobenzene	0.601	0.525	0.100	-12.5997	50.0
4-Bromophenyl-phenylether	0.227	0.209	0.070	-7.7169	50.0
Hexachlorobenzene	0.261	0.246	0.050	-5.5315	50.0
Atrazine	0.216	0.207	0.010	-3.9867	50.0
Pentachlorophenol	0.143	0.075	0.010	-47.6691	50.0
Phenanthrene	1.055	0.940	0.200	-10.8249	50.0
Pentachlorobenzene	0.283	0.259	0.050	-8.681	50.0
Anthracene	1.090	0.958	0.200	-12.1206	50.0
1,2,3,4-Tetrachlorobenzene	0.248	0.209	0.050	-15.8423	50.0
Carbazole	0.917	0.827	0.050	-9.88	50.0
Di-n-butylphthalate	1.178	1.016	0.500	-13.7047	50.0
Fluoranthene	1.392	1.181	0.400	-15.1796	50.0
Pyrene	1.438	1.222	0.400	-15.0573	50.0
Butylbenzylphthalate	0.604	0.499	0.100	-17.3364	50.0
3,3-Dichlorobenzidine	0.476	0.472	0.010	-0.8264	50.0
Benzo (a) anthracene	1.448	1.267	0.300	-12.4953	50.0
Chrysene	1.356	1.185	0.200	-12.6079	50.0
Bis(2-ethylhexyl)phthalate	0.866	0.732	0.200	-15.4471	50.0
Di-n-octyl phthalate	1.222	1.097	0.010	-10.2601	50.0
Benzo (b) fluoranthene	1.260	1.168	0.200	-7.2703	50.0
Benzo (k) fluoranthene	1.257	1.155	0.200	-8.0426	50.0
Benzo (a) pyrene	1.193	1.073	0.200	-10.0339	50.0
Indeno (1,2,3-cd) pyrene	1.525	1.382	0.200	-9.3543	50.0
Dibenzo (a,h) anthracene	1.259	1.180	0.200	-6.3307	50.0
Benzo (g,h,i) perylene	1.213	1.096	0.200	-9.6658	50.0
2,3,4,6-Tetrachlorophenol	0.396	0.370	0.040	-6.3993	50.0
1,4-Dioxane-d8	0.532	0.577	0.010	8.3688	50.0
Pyridine-d5	1.636	1.677	0.010	2.4525	50.0
Phenol-d5	2.189	1.954	0.010	-10.7141	50.0
Bis- (2-Chloroethyl) ether-d8	1.386	1.118	0.050	-19.3123	50.0
2-Chlorophenol-d4	1.501	1.349	0.200	-10.1449	50.0
4-Methylphenol-d8	1.723	1.610	0.010	-6.5985	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BG071224 SAS No.: BG071224 SDG No.: BG071224
 Instrument ID: BNA_G Calibration Date/Time: 7/13/2024 1:09:39
 Lab File ID: BG062066.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020570 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.152	0.139	0.050	-8.6818	50.0
2-Nitrophenol-d4	0.174	0.166	0.050	-4.1591	50.0
2,4-Dichlorophenol-d3	0.335	0.334	0.060	-0.2854	50.0
4-Chloroaniline-d4	0.486	0.455	0.010	-6.4887	50.0
Dimethylphthalate-d6	1.644	1.467	0.300	-10.8016	50.0
Acenaphthylene-d8	1.719	1.524	0.400	-11.3402	50.0
4-Nitrophenol-d4	0.263	0.221	0.010	-15.7517	50.0
Fluorene-d10	1.384	1.270	0.100	-8.2582	50.0
4,6-Dinitro-2-methylphenol-d2	0.105	0.090	0.010	-13.9737	50.0
Anthracene-d10	0.934	0.836	0.300	-10.4524	50.0
Pyrene-d10	1.176	0.989	0.300	-15.962	50.0
Benzo(a)pyrene-d12	0.992	0.921	0.010	-7.1424	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	SBLK903	SDG No.:	BG071224
Lab Sample ID:	PB161903BL	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
BG062046.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161903

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:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	SBLK903	SDG No.:	BG071224
Lab Sample ID:	PB161903BL	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
BG062046.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161903

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:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	SBLK903	SDG No.:	BG071224
Lab Sample ID:	PB161903BL	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
BG062046.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161903

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	5.142		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	20.621		20-120		52	SPK: -40
4165-62-2	Phenol-d5	21.899		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.898		25-120		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.537		20-130		56	SPK: -40
190780-66-6	4-Methylphenol-d8	21.092		25-125		53	SPK: -40
4165-60-0	Nitrobenzene-d5	26.325		20-125		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.214		20-130		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.399		20-120		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.231		1-146		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.929		25-130		65	SPK: -40
93951-97-4	Acenaphthylene-d8	25.837		10-130		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.395		10-150		71	SPK: -40
81103-79-9	Fluorene-d10	27.108		25-125		68	SPK: -40

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	SBLK903	SDG No.:	BG071224
Lab Sample ID:	PB161903BL	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
BG062046.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.851		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	25.56		25-130		64	SPK: -40
1718-52-1	Pyrene-d10	26.144		15-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.953		20-130		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	48263	8.041				
1146-65-2	Naphthalene-d8	216238	10.856				
15067-26-2	Acenaphthene-d10	167433	14.675				
1517-22-2	Phenanthrene-d10	449550	17.419				
1719-03-5	Chrysene-d12	425579	21.672				
1520-96-3	Perylene-d12	510690	24.886				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	SBLK909	SDG No.:	BG071224
Lab Sample ID:	PB161909BL	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
BG062047.D	1	7/3/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161909

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:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	SBLK909	SDG No.:	BG071224
Lab Sample ID:	PB161909BL	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
BG062047.D	1	7/3/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161909

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:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	SBLK909	SDG No.:	BG071224
Lab Sample ID:	PB161909BL	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
BG062047.D	1	7/3/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161909

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	5.178		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	20.839		20-120		52	SPK: -40
4165-62-2	Phenol-d5	18.738		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.134		25-120		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.54		20-130		49	SPK: -40
190780-66-6	4-Methylphenol-d8	21.871		25-125		55	SPK: -40
4165-60-0	Nitrobenzene-d5	26.829		20-125		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.741		20-130		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.575		20-120		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.236		1-146		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.234		25-130		68	SPK: -40
93951-97-4	Acenaphthylene-d8	26.735		10-130		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.233		10-150		78	SPK: -40
81103-79-9	Fluorene-d10	28.213		25-125		71	SPK: -40

Report of Analysis

Client:		Date Collected:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	SBLK909	SDG No.:	BG071224
Lab Sample ID:	PB161909BL	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
BG062047.D	1	7/3/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161909

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.752		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	27.515		25-130		69	SPK: -40
1718-52-1	Pyrene-d10	26.932		15-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.865		20-130		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	46724	8.043				
1146-65-2	Naphthalene-d8	209613	10.852				
15067-26-2	Acenaphthene-d10	166266	14.671				
1517-22-2	Phenanthrene-d10	444737	17.414				
1719-03-5	Chrysene-d12	430057	21.674				
1520-96-3	Perylene-d12	514193	24.888				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	YDZH2	SDG No.:	BG071224
Lab Sample ID:	P3137-05	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
BG062048.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161905

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:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	YDZH2	SDG No.:	BG071224
Lab Sample ID:	P3137-05	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
BG062048.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161905

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:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	YDZH2	SDG No.:	BG071224
Lab Sample ID:	P3137-05	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
BG062048.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161905

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							
17647-74-4	1,4-Dioxane-d8	5.264		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	10.134		20-120		25	SPK: -40
4165-62-2	Phenol-d5	9.315		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.861		25-120		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.219		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	21.835		25-125		55	SPK: -40
4165-60-0	Nitrobenzene-d5	33.792		20-125		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.624		20-130		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.792		20-120		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.278		1-146		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.905		25-130		95	SPK: -40
93951-97-4	Acenaphthylene-d8	35.831		10-130		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.718		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	38.936		25-125		97	SPK: -40

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	YDZH2	SDG No.:	BG071224
Lab Sample ID:	P3137-05	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
BG062048.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	47.104		10-130		118	SPK: -40
1719-06-8	Anthracene-d10	42.128		25-130		105	SPK: -40
1718-52-1	Pyrene-d10	39.907		15-130		100	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.914		20-130		105	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42981	8.041				
1146-65-2	Naphthalene-d8	187787	10.85				
15067-26-2	Acenaphthene-d10	145000	14.675				
1517-22-2	Phenanthrene-d10	363446	17.418				
1719-03-5	Chrysene-d12	359409	21.672				
1520-96-3	Perylene-d12	429592	24.88				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	2.7	J			9.651	
	(DEL) Alkane: Straight-Chain10.773	5.4	J			10.773	
	unknown-02	4.8	J			11.402	
	unknown-03	5.3	J			13.476	
	(DEL) Alkane: Straight-Chain13.682	4.4	J			13.682	
000134-62-3	Diethyltoluamide	2.1	J			15.397	
E966796	Total Alkanes	9.8				99	ug/L

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	YDZH3	SDG No.:	BG071224
Lab Sample ID:	P3137-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062049.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161905

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:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	YDZH3	SDG No.:	BG071224
Lab Sample ID:	P3137-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062049.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161905

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:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	YDZH3	SDG No.:	BG071224
Lab Sample ID:	P3137-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062049.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161905

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	5.153		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	8.302		20-120		21	SPK: -40
4165-62-2	Phenol-d5	7.671		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.571		25-120		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.788		20-130		67	SPK: -40
190780-66-6	4-Methylphenol-d8	18.209		25-125		46	SPK: -40
4165-60-0	Nitrobenzene-d5	35.037		20-125		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.837		20-130		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.167		20-120		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.968		1-146		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.526		25-130		86	SPK: -40
93951-97-4	Acenaphthylene-d8	33.01		10-130		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.715		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	36.066		25-125		90	SPK: -40

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	YDZH3	SDG No.:	BG071224
Lab Sample ID:	P3137-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062049.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	44.268		10-130		111	SPK: -40
1719-06-8	Anthracene-d10	39.49		25-130		99	SPK: -40
1718-52-1	Pyrene-d10	39.893		15-130		100	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.659		20-130		107	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41772	8.041				
1146-65-2	Naphthalene-d8	185679	10.849				
15067-26-2	Acenaphthene-d10	157963	14.674				
1517-22-2	Phenanthrene-d10	406612	17.418				
1719-03-5	Chrysene-d12	389045	21.672				
1520-96-3	Perylene-d12	468231	24.886				
TENTATIVE IDENTIFIED COMPOUNDS							
000088-09-5	Acetic acid, diethyl-	3.5	J			9.322	
	(DEL) Alkane: Straight-Chain	10.767	J			10.767	
	(DEL) Alkane: Straight-Chain	11.402	J			11.402	
E966796	Total Alkanes	6.7				99	ug/L

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZE4	SDG No.:	BG071224
Lab Sample ID:	P3137-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 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
BG062050.D	1	7/3/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161909

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	10.2	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	2.6	5.1	ug/L
95-48-7	2-Methylphenol	0.84	U	0.84	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	0.91	U	0.91	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	2.6	5.1	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.6	5.1	ug/L
98-95-3	Nitrobenzene	1	U	1	2.6	5.1	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.6	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.6	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.6	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.6	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.95	U	0.95	2.6	5.1	ug/L
91-20-3	Naphthalene	0.71	U	0.71	2.6	5.1	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1	U	1	2.6	5.1	ug/L
105-60-2	Caprolactam	3	U	3	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.6	5.1	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.6	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.6	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.2	U	3.2	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.83	U	0.83	2.6	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	0.82	U	0.82	2.6	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZE4	SDG No.:	BG071224
Lab Sample ID:	P3137-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	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
BG062050.D	1	7/3/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161909

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1	U	1	2.6	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.6	5.1	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.6	5.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.6	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.6	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.6	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	2.6	5.1	ug/L
51-28-5	2,4-Dinitrophenol	2.9	U	2.9	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	0.89	U	0.89	2.6	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.6	5.1	ug/L
84-66-2	Diethylphthalate	0.89	U	0.89	2.6	5.1	ug/L
86-73-7	Fluorene	0.89	U	0.89	2.6	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	2.6	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	2.6	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.92	U	0.92	2.6	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.6	5.1	ug/L
118-74-1	Hexachlorobenzene	0.57	U	0.57	2.6	5.1	ug/L
1912-24-9	Atrazine	0.98	U	0.98	5.1	10	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	5.1	10	ug/L
85-01-8	Phenanthrene	0.99	U	0.99	2.6	5.1	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.6	5.1	ug/L
120-12-7	Anthracene	0.73	U	0.73	2.6	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.94	U	0.94	2.6	5.1	ug/L
86-74-8	Carbazole	1	U	1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	0.83	U	0.83	2.6	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:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZE4	SDG No.:	BG071224
Lab Sample ID:	P3137-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 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
BG062050.D	1	7/3/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161909

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.54	U	0.54	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	0.99	U	0.99	2.6	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	2.6	5.1	ug/L
218-01-9	Chrysene	0.77	U	0.77	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.89	U	0.89	2.6	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	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.068		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	6.456	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	6.246		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.534		25-120		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.023		20-130		55	SPK: -40
190780-66-6	4-Methylphenol-d8	14.056		25-125		35	SPK: -40
4165-60-0	Nitrobenzene-d5	27.911		20-125		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.935		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.718		20-120		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.221		1-146		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.636		25-130		79	SPK: -40
93951-97-4	Acenaphthylene-d8	30.58		10-130		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.869		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	32.588		25-125		81	SPK: -40

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZE4	SDG No.:	BG071224
Lab Sample ID:	P3137-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 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
BG062050.D	1	7/3/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161909

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.334		10-130		86	SPK: -40
1719-06-8	Anthracene-d10	31.85		25-130		80	SPK: -40
1718-52-1	Pyrene-d10	31.495		15-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.928		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	49697	8.036				
1146-65-2	Naphthalene-d8	222611	10.85				
15067-26-2	Acenaphthene-d10	169909	14.669				
1517-22-2	Phenanthrene-d10	469849	17.413				
1719-03-5	Chrysene-d12	446166	21.673				
1520-96-3	Perylene-d12	540528	24.881				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZF4	SDG No.:	BG071224
Lab Sample ID:	P3137-12	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
BG062051.D	1	7/3/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161909

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:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZF4	SDG No.:	BG071224
Lab Sample ID:	P3137-12	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
BG062051.D	1	7/3/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161909

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:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZF4	SDG No.:	BG071224
Lab Sample ID:	P3137-12	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
BG062051.D	1	7/3/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161909

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							
17647-74-4	1,4-Dioxane-d8	4.732		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	8.64		20-120		22	SPK: -40
4165-62-2	Phenol-d5	7.628		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.054		25-120		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.424		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	16.132		25-125		40	SPK: -40
4165-60-0	Nitrobenzene-d5	33.859		20-125		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.67		20-130		92	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.778		20-120		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.382		1-146		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.796		25-130		87	SPK: -40
93951-97-4	Acenaphthylene-d8	34.821		10-130		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.3		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	35.737		25-125		89	SPK: -40

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZF4	SDG No.:	BG071224
Lab Sample ID:	P3137-12	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
BG062051.D	1	7/3/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161909

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	39.602		10-130		99	SPK: -40
1719-06-8	Anthracene-d10	35.602		25-130		89	SPK: -40
1718-52-1	Pyrene-d10	36.061		15-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.255		20-130		93	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43141	8.037				
1146-65-2	Naphthalene-d8	209004	10.851				
15067-26-2	Acenaphthene-d10	173784	14.67				
1517-22-2	Phenanthrene-d10	440626	17.414				
1719-03-5	Chrysene-d12	411232	21.674				
1520-96-3	Perylene-d12	493043	24.882				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	3.8	J			11.662	
	(DEL) Alkane: Cyclic	21.310	J			21.31	
	(DEL) Alkane: Straight-Chain	23.942	J			23.942	
E966796	Total Alkanes	9.3				99	ug/L

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZH1	SDG No.:	BG071224
Lab Sample ID:	P3137-13	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
BG062052.D	1	7/3/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161909

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:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZH1	SDG No.:	BG071224
Lab Sample ID:	P3137-13	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
BG062052.D	1	7/3/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161909

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:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZH1	SDG No.:	BG071224
Lab Sample ID:	P3137-13	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
BG062052.D	1	7/3/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161909

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	3.627		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	8.022		20-120		20	SPK: -40
4165-62-2	Phenol-d5	8.519		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.505		25-120		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.967		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	20.737		25-125		52	SPK: -40
4165-60-0	Nitrobenzene-d5	30.528		20-125		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.177		20-130		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.442		20-120		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.063		1-146		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.741		25-130		79	SPK: -40
93951-97-4	Acenaphthylene-d8	31.349		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.821		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	33.27		25-125		83	SPK: -40

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZH1	SDG No.:	BG071224
Lab Sample ID:	P3137-13	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
BG062052.D	1	7/3/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161909

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.013		10-130		85	SPK: -40
1719-06-8	Anthracene-d10	31.431		25-130		79	SPK: -40
1718-52-1	Pyrene-d10	30.569		15-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.929		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	46715	8.038				
1146-65-2	Naphthalene-d8	216403	10.853				
15067-26-2	Acenaphthene-d10	176307	14.672				
1517-22-2	Phenanthrene-d10	464504	17.416				
1719-03-5	Chrysene-d12	437326	21.67				
1520-96-3	Perylene-d12	530095	24.883				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZK4	SDG No.:	BG071224
Lab Sample ID:	P3137-14	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
BG062053.D	1	7/3/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161909

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17		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:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZK4	SDG No.:	BG071224
Lab Sample ID:	P3137-14	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
BG062053.D	1	7/3/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161909

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:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZK4	SDG No.:	BG071224
Lab Sample ID:	P3137-14	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
BG062053.D	1	7/3/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161909

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	3.266		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	9.773		20-120		24	SPK: -40
4165-62-2	Phenol-d5	8.619		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.642		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.605		20-130		67	SPK: -40
190780-66-6	4-Methylphenol-d8	20.992		25-125		52	SPK: -40
4165-60-0	Nitrobenzene-d5	37		20-125		93	SPK: -40
93951-78-1	2-Nitrophenol-d4	41.399		20-130		103	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	42.354		20-120		106	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.158		1-146		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.757		25-130		84	SPK: -40
93951-97-4	Acenaphthylene-d8	33.798		10-130		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.562		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	34.85		25-125		87	SPK: -40

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZK4	SDG No.:	BG071224
Lab Sample ID:	P3137-14	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
BG062053.D	1	7/3/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161909

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	39.212		10-130		98	SPK: -40
1719-06-8	Anthracene-d10	33.45		25-130		84	SPK: -40
1718-52-1	Pyrene-d10	30.316		15-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.269		20-130		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	50597	8.035				
1146-65-2	Naphthalene-d8	200698	10.855				
15067-26-2	Acenaphthene-d10	152683	14.668				
1517-22-2	Phenanthrene-d10	365925	17.418				
1719-03-5	Chrysene-d12	373474	21.672				
1520-96-3	Perylene-d12	447816	24.885				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	4.2	J			8.992	
002809-67-8	2-Octyne	6.4	J			11.431	
020834-59-7	Benzeneethanol, .alpha.,.alpha.,4-	3	J			11.654	
000527-54-8	Phenol, 3,4,5-trimethyl-	2.5	J			11.965	
000098-54-4	Phenol, p-tert-butyl-	9.1	J			12.183	
004228-10-8	Ethanone, 1-(2,3-dihydro-1H-inden-	2.4	J			12.394	
020440-21-5	Bicyclo[4.3.1]decan-10-one	3.3	J			12.647	
	unknown-02	4.6	J			12.682	
001746-23-2	Benzene, 1-(1,1-dimethylethyl)-4-ethenyl-	2.1	J			12.759	
000875-59-2	4-Hydroxy-2-methylacetophenone	4	J			13.088	
	unknown-03	4.3	J			13.364	
	unknown-04	2.6	J			13.528	
000078-79-5	Isoprene	4.4	J			13.898	
000098-73-7	Benzoic acid, p-tert-butyl-	4.6	J			14.492	
	unknown-05	3	J			14.827	
000084-16-2	Hexestrol	6	J			15.121	
000134-62-3	Diethyltoluamide	22	J			15.408	

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZK4	SDG No.:	BG071224
Lab Sample ID:	P3137-14	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
BG062053.D	1	7/3/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161909

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000088-18-6	Phenol, 2-(1,1-dimethylethyl)-	3.2	J			16.049	
000934-34-9	2(3H)-Benzothiazolone	5.2	J			16.366	
000585-34-2	Phenol, m-tert-butyl-	3.7	J			16.49	
	unknown-06	7.5	J			16.548	
024518-48-7	4-(7-Methyloctyl)phenol	5.6	J			16.607	
000120-66-1	Acetamide, N-(2-methylphenyl)-	8.1	J			16.813	
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	5.2	J			16.877	
	unknown-07	2.4	J			16.948	
005398-96-9	[(Phenylsulfonyl)amino]acetic acid	35	J			17.23	
1010451-75-1	m-Anisoyl amide, N-(2-phenylethyl)	3.2	J			18.229	
000057-10-3	n-Hexadecanoic acid	7.3	J			18.299	
020170-32-5	3,5-di-tert-Butyl-4-hydroxyphenylp	8.4	J			18.522	
000057-11-4	Octadecanoic acid	3.6	J			19.562	
	(DEL) Alkane: Straight-Chain21.313	2.5	J			21.313	
	(DEL) Alkane: Straight-Chain23.939	4	J			23.939	
E966796	Total Alkanes	6.5				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:	YDZE5	SDG No.:	BG071224
Lab Sample ID:	P3137-16	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 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
BG062054.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161909

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	77	E	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	10.2	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	2.6	5.1	ug/L
95-48-7	2-Methylphenol	0.84	U	0.84	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	0.91	U	0.91	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	2.6	5.1	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.6	5.1	ug/L
98-95-3	Nitrobenzene	1	U	1	2.6	5.1	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.6	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.6	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.6	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.6	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.95	U	0.95	2.6	5.1	ug/L
91-20-3	Naphthalene	0.71	U	0.71	2.6	5.1	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1	U	1	2.6	5.1	ug/L
105-60-2	Caprolactam	3	U	3	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.6	5.1	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.6	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.6	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.2	U	3.2	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.83	U	0.83	2.6	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	0.82	U	0.82	2.6	5.1	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:	YDZE5	SDG No.:	BG071224
Lab Sample ID:	P3137-16	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 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
BG062054.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161909

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1	U	1	2.6	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.6	5.1	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.6	5.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.6	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.6	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.6	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	2.6	5.1	ug/L
51-28-5	2,4-Dinitrophenol	2.9	U	2.9	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	0.89	U	0.89	2.6	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.6	5.1	ug/L
84-66-2	Diethylphthalate	0.89	U	0.89	2.6	5.1	ug/L
86-73-7	Fluorene	0.89	U	0.89	2.6	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	2.6	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	2.6	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.92	U	0.92	2.6	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.6	5.1	ug/L
118-74-1	Hexachlorobenzene	0.57	U	0.57	2.6	5.1	ug/L
1912-24-9	Atrazine	0.98	U	0.98	5.1	10	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	5.1	10	ug/L
85-01-8	Phenanthrene	0.99	U	0.99	2.6	5.1	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.6	5.1	ug/L
120-12-7	Anthracene	0.73	U	0.73	2.6	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.94	U	0.94	2.6	5.1	ug/L
86-74-8	Carbazole	1	U	1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	0.83	U	0.83	2.6	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:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	YDZE5	SDG No.:	BG071224
Lab Sample ID:	P3137-16	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 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
BG062054.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161909

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.54	U	0.54	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	0.99	U	0.99	2.6	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	2.6	5.1	ug/L
218-01-9	Chrysene	0.77	U	0.77	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.89	U	0.89	2.6	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	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.745		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	12.435		20-120		31	SPK: -40
4165-62-2	Phenol-d5	19.527		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.527		25-120		86	SPK: -40
93951-73-6	2-Chlorophenol-d4	41.302		20-130		103	SPK: -40
190780-66-6	4-Methylphenol-d8	32.575		25-125		81	SPK: -40
4165-60-0	Nitrobenzene-d5	34.762		20-125		87	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.328		20-130		98	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	44.207		20-120		111	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.477		1-146		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	41.635		25-130		104	SPK: -40
93951-97-4	Acenaphthylene-d8	39.47		10-130		99	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.084		10-150		33	SPK: -40
81103-79-9	Fluorene-d10	41.851		25-125		105	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:	YDZE5	SDG No.:	BG071224
Lab Sample ID:	P3137-16	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 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
BG062054.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161909

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	41.507		10-130		104	SPK: -40
1719-06-8	Anthracene-d10	41.41		25-130		104	SPK: -40
1718-52-1	Pyrene-d10	41.4		15-130		104	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.254		20-130		108	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	29634	8.039				
1146-65-2	Naphthalene-d8	153109	10.853				
15067-26-2	Acenaphthene-d10	121353	14.672				
1517-22-2	Phenanthrene-d10	302627	17.416				
1719-03-5	Chrysene-d12	283872	21.67				
1520-96-3	Perylene-d12	341117	24.883				
TENTATIVE IDENTIFIED COMPOUNDS							
1000307-70-6	unknown-01	2.3	J			8.579	
	unknown-02	6.1	J			9.108	
	unknown-03	7.9	J			9.654	
	unknown-04	2.6	J			10.553	
	(DEL) Alkane: Straight-Chain10.771	15	J			10.771	
	Cyclohexanecarboxylic acid, 4-cyan	27	J			11.399	
	unknown-05	8	J			11.505	
	unknown-06	4.6	J			11.887	
	unknown-07	2.7	J			11.916	
	(DEL) Alkane: Straight-Chain12.004	8.6	J			12.004	
	unknown-08	3.4	J			12.098	
	(DEL) Alkane: Straight-Chain12.298	2.4	J			12.298	
	(DEL) Alkane: Cyclic12.574	4.7	J			12.574	
	(DEL) Alkane: Straight-Chain12.657	11	J			12.657	
	unknown-09	7.1	J			12.686	
	unknown-10	24	J			13.491	
	(DEL) Alkane: Straight-Chain13.620	5.8	J			13.62	

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:	YDZE5	SDG No.:	BG071224
Lab Sample ID:	P3137-16	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 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
BG062054.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161909

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
001515-79-3	(DEL) Alkane: Straight-Chain13.703	38	J			13.703	
	5,5-Dimethyl-1,3-hexadiene	4.8	J			13.861	
	(DEL) Alkane: Cyclic14.167	2.1	J			14.167	
	(DEL) Alkane: Straight-Chain14.431	8.8	J			14.431	
	(DEL) Alkane: Cyclic14.566	3.2	J			14.566	
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	2.5	J			15.118	
E966796	Total Alkanes	100				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:	YDZG6	SDG No.:	BG071224
Lab Sample ID:	P3137-17	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
BG062055.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161909

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11		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:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	YDZG6	SDG No.:	BG071224
Lab Sample ID:	P3137-17	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
BG062055.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161909

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:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	YDZG6	SDG No.:	BG071224
Lab Sample ID:	P3137-17	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
BG062055.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161909

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	2.897		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	7.704	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	11.212		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.804		25-120		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.551		20-130		61	SPK: -40
190780-66-6	4-Methylphenol-d8	19.602		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	25.012		20-125		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.043		20-130		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.874		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.194		1-146		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.32		25-130		68	SPK: -40
93951-97-4	Acenaphthylene-d8	27.105		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.332		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	27.788		25-125		69	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:	YDZG6	SDG No.:	BG071224
Lab Sample ID:	P3137-17	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
BG062055.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161909

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.058		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	26.323		25-130		66	SPK: -40
1718-52-1	Pyrene-d10	25.525		15-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.514		20-130		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45460	8.041				
1146-65-2	Naphthalene-d8	197238	10.856				
15067-26-2	Acenaphthene-d10	141776	14.675				
1517-22-2	Phenanthrene-d10	352184	17.419				
1719-03-5	Chrysene-d12	325344	21.678				
1520-96-3	Perylene-d12	389120	24.886				
TENTATIVE IDENTIFIED COMPOUNDS							
000625-80-9	Diisopropyl sulfide	5.1	J			4.481	
	unknown-01	8.5	J			6.573	
056077-22-6	3,3,4,4-Tetramethyl-cyclopentanone	19	J			8.094	
1000214-70-7	dl-Erythro-O-methylthreonine	3.3	J			8.235	
007170-01-6	1H-1,2,4-Triazole, 3-methyl-	20	J			8.277	
	unknown-02	3.2	J			8.335	
	unknown-03	4.5	J			8.588	
	unknown-04	4.4	J			8.7	
	unknown-05	7	J			9.111	
1000271-83-0	Cyclopropane, 1-methoxy-2,2-dimeth	4.9	J			9.275	
	(DEL) Alkane: Cyclic9.475	4.2	J			9.475	
1000316-95-0	Ethanone, 1-(1-ethyl-1H-pyrazol-4-	3.3	J			9.563	
	unknown-06	19	J			9.657	
070786-44-6	3,6-Dimethyl-2,3,3a,4,5,7a-hexahyd	14	J			10.074	
	unknown-07	5.2	J			10.356	
	unknown-08	6.9	J			10.556	
	unknown-09	5.2	J			10.644	

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:	YDZG6	SDG No.:	BG071224
Lab Sample ID:	P3137-17	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
BG062055.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161909

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
005131-58-8	(DEL) Alkane: Straight-Chain10.780	52	J			10.78	
	(DEL) Alkane: Straight-Chain10.932	10	J			10.932	
	unknown-10	3.1	J			11.108	
	(DEL) Alkane: Straight-Chain11.414	150	J			11.414	
	(DEL) Alkane: Straight-Chain11.508	46	J			11.508	
	unknown-11	7.8	J			11.573	
	unknown-12	2.9	J			11.661	
	4-Nitro-1,3-phenylenediamine	5.6	J			11.925	
	(DEL) Alkane: Straight-Chain12.013	43	J			12.013	
	unknown-13	5.6	J			12.101	
1000319-71-9	(DEL) Alkane: Straight-Chain12.237	6.8	J			12.237	
	(DEL) Alkane: Straight-Chain12.301	13	J			12.301	
	1H-Pyrazole-4-carboxaldehyde, 1-et	13	J			12.342	
	(DEL) Alkane: Straight-Chain12.401	4.8	J			12.401	
	(DEL) Alkane: Cyclic12.560	10	J			12.56	
	unknown-14	6.3	J			12.613	
	(DEL) Alkane: Straight-Chain12.660	7.3	J			12.66	
	(DEL) Alkane: Cyclic12.695	24	J			12.695	
	unknown-15	23	J			13.523	
	(DEL) Alkane: Cyclic13.623	4.4	J			13.623	
001515-79-3	5,5-Dimethyl-1,3-hexadiene	5.9	J			13.876	
	unknown-16	7.9	J			14.446	
	(DEL) Alkane: Straight-Chain14.581	3.7	J			14.581	
	unknown-17	4.8	J			16.05	
	unknown-18	3.6	J			16.273	
959261-23-5	unknown-19	16	J			18.318	
	Heptafluorobutyric acid, pentadecy	3.7	J			21.308	
	Total Alkanes	380				99	ug/L

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZE3	SDG No.:	BG071224
Lab Sample ID:	P3137-21	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
BG062056.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	43	E	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:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZE3	SDG No.:	BG071224
Lab Sample ID:	P3137-21	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
BG062056.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161910

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:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZE3	SDG No.:	BG071224
Lab Sample ID:	P3137-21	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
BG062056.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161910

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	3.109		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	13.855		20-120		35	SPK: -40
4165-62-2	Phenol-d5	11.18		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.93		25-120		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.956		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	19.068		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	25.892		20-125		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.971		20-130		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.889		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.564		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.151		25-130		70	SPK: -40
93951-97-4	Acenaphthylene-d8	27.482		10-130		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.22		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	28.677		25-125		72	SPK: -40

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZE3	SDG No.:	BG071224
Lab Sample ID:	P3137-21	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
BG062056.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.294		10-130		18	SPK: -40
1719-06-8	Anthracene-d10	28.468		25-130		71	SPK: -40
1718-52-1	Pyrene-d10	28.174		15-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.124		20-130		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	38646	8.042				
1146-65-2	Naphthalene-d8	161553	10.85				
15067-26-2	Acenaphthene-d10	123513	14.675				
1517-22-2	Phenanthrene-d10	310291	17.413				
1719-03-5	Chrysene-d12	293225	21.673				
1520-96-3	Perylene-d12	356360	24.881				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	2.6	J			9.851	
	unknown-02	3.4	J			10.357	
001421-63-2	1-Butanone, 1-(2,4,5-trihydroxyphe	2	J			11.914	
	unknown-03	3	J			12.654	
	unknown-04	11	J			13.482	
003144-16-9	Camphorsulfonic acid	3.2	J			13.553	
	(DEL) Alkane: Straight-Chain13.618	3.4	J			13.618	
	(DEL) Alkane: Cyclic13.688	8.9	J			13.688	
	unknown-05	3.2	J			14.428	
	unknown-06	6.9	J			14.593	
017233-71-5	Hexathiepane	5.7	J			17.196	
000057-10-3	n-Hexadecanoic acid	2.8	J			18.294	
003508-00-7	Heptadecane, 1-bromo-	2.6	J			20.31	
	(DEL) Alkane: Straight-Chain20.803	4.7	J			20.803	
1000309-18-5	Sulfurous acid, butyl octadecyl es	11	J			21.309	
	(DEL) Alkane: Straight-Chain21.849	5.7	J			21.849	
	(DEL) Alkane: Straight-Chain22.454	6.3	J			22.454	

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZE3	SDG No.:	BG071224
Lab Sample ID:	P3137-21	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
BG062056.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain	23.941				23.941	
E966796	Total Alkanes	33	J			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:	YDZG7	SDG No.:	BG071224
Lab Sample ID:	P3137-18	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
BG062057.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	90	E	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:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	YDZG7	SDG No.:	BG071224
Lab Sample ID:	P3137-18	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
BG062057.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161910

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:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	YDZG7	SDG No.:	BG071224
Lab Sample ID:	P3137-18	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062057.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161910

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							
17647-74-4	1,4-Dioxane-d8	4.565		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	9.273		20-120		23	SPK: -40
4165-62-2	Phenol-d5	3.259	*	10-130		8	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.635		25-120		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.883		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	24.859		25-125		62	SPK: -40
4165-60-0	Nitrobenzene-d5	33.823		20-125		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.566		20-130		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	40.953		20-120		102	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.119		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.116		25-130		90	SPK: -40
93951-97-4	Acenaphthylene-d8	36.176		10-130		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.054		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	37.126		25-125		93	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:	YDZG7	SDG No.:	BG071224
Lab Sample ID:	P3137-18	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
BG062057.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.036		10-130		90	SPK: -40
1719-06-8	Anthracene-d10	35.806		25-130		90	SPK: -40
1718-52-1	Pyrene-d10	34.25		15-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.986		20-130		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44161	8.041				
1146-65-2	Naphthalene-d8	173543	10.856				
15067-26-2	Acenaphthene-d10	120306	14.681				
1517-22-2	Phenanthrene-d10	290881	17.419				
1719-03-5	Chrysene-d12	271331	21.673				
1520-96-3	Perylene-d12	332457	24.886				
TENTATIVE IDENTIFIED COMPOUNDS							
000110-12-3	2-Hexanone, 5-methyl-	15	J			4.311	
000625-80-9	Diisopropyl sulfide	22	J			4.481	
	unknown-01	27	J			6.573	
000998-41-4	Tributylsilane	19	J			7.924	
069841-15-2	cis-4,6-Dimethylcyclohexane-1,3-di	82	J			8.094	
	unknown-02	15	J			8.276	
	unknown-03	18	J			8.341	
	unknown-04	16	J			8.588	
	unknown-05	20	J			8.723	
	unknown-06	26	J			9.123	
	unknown-07	14	J			9.281	
054458-61-6	2-Cyclopenten-1-one, 2,3,4,5-tetra	20	J			9.405	
006874-39-1	(2E,4E)-3,7-Dimethylocta-2,4-diene	43	J			9.575	
	(DEL) Alkane: Cyclic9.669	290	J			9.669	
007021-46-7	VII tropolone	89	J			10.08	
000464-49-3	(+)-2-Bornanone	26	J			10.262	
1000163-96-3	Bicyclo[3.1.1]heptan-3-one, 6,6-di	52	J			10.38	

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:	YDZG7	SDG No.:	BG071224
Lab Sample ID:	P3137-18	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
BG062057.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
003496-83-1	(DEL) Alkane: Straight-Chain10.944	76	J			10.944	
	unknown-08	37	J			11.114	
	1-Cyclohexyl-3-isopropylcarbodiimi	19	J			11.214	
	unknown-09	850	J			11.432	
	unknown-10	270	J			11.52	
	unknown-11	39	J			11.579	
	unknown-12	30	J			11.667	
002374-03-0	unknown-13	31	J			11.731	
	4-Amino-3-hydroxybenzoic acid	41	J			11.937	
	(DEL) Alkane: Straight-Chain12.019	200	J			12.019	
	unknown-14	22	J			12.101	
	(DEL) Alkane: Straight-Chain12.242	34	J			12.242	
	(DEL) Alkane: Straight-Chain12.313	99	J			12.313	
	1,3-Hexadiene, 3-ethyl-2-methyl-,	46	J			12.342	
074752-97-9	1-Hexyn-3-ol	36	J			12.407	
	unknown-15	15	J			12.477	
	(DEL) Alkane: Cyclic12.589	140	J			12.589	
	(DEL) Alkane: Cyclic12.671	43	J			12.671	
	(DEL) Alkane: Straight-Chain12.707	130	J			12.707	
	(DEL) Alkane: Straight-Chain13.036	2.8	J			13.036	
	unknown-16	57	J			13.559	
000134-62-3	(DEL) Alkane: Straight-Chain13.641	6.2	J			13.641	
	(DEL) Alkane: Cyclic13.752	47	J			13.752	
	(DEL) Alkane: Straight-Chain14.593	3.5	J			14.593	
	Diethyltoluamide	21	J			15.427	
	(DEL) Alkane: Straight-Chain16.279	6.8	J			16.279	
E966796	Total Alkanes	1100				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:	YDZG9	SDG No.:	BG071224
Lab Sample ID:	P3137-19	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
BG062058.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161910

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:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	YDZG9	SDG No.:	BG071224
Lab Sample ID:	P3137-19	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
BG062058.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161910

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:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	YDZG9	SDG No.:	BG071224
Lab Sample ID:	P3137-19	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
BG062058.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161910

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	5.97		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	10.118		20-120		25	SPK: -40
4165-62-2	Phenol-d5	11.843		10-130		30	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.643		25-120		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.49		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	23.034		25-125		58	SPK: -40
4165-60-0	Nitrobenzene-d5	29.423		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.659		20-130		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.994		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.986		1-146		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.973		25-130		80	SPK: -40
93951-97-4	Acenaphthylene-d8	31.101		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.658		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	32.895		25-125		82	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:	YDZG9	SDG No.:	BG071224
Lab Sample ID:	P3137-19	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
BG062058.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.513		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	31.936		25-130		80	SPK: -40
1718-52-1	Pyrene-d10	31.879		15-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.093		20-130		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	32994	8.041				
1146-65-2	Naphthalene-d8	163632	10.849				
15067-26-2	Acenaphthene-d10	123958	14.674				
1517-22-2	Phenanthrene-d10	325886	17.418				
1719-03-5	Chrysene-d12	295980	21.678				
1520-96-3	Perylene-d12	357701	24.88				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	3.1	J			15.315	
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	SBLK905	SDG No.:	BG071224
Lab Sample ID:	PB161905BL	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
BG062060.D	1	7/1/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161905

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:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	SBLK905	SDG No.:	BG071224
Lab Sample ID:	PB161905BL	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
BG062060.D	1	7/1/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161905

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:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	SBLK905	SDG No.:	BG071224
Lab Sample ID:	PB161905BL	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
BG062060.D	1	7/1/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161905

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							
7291-22-7	Pyridine-d5	32.305		20-120		81	SPK: -40
17647-74-4	1,4-Dioxane-d8	7.197		15-120		90	SPK: -8
4165-62-2	Phenol-d5	31.999		10-130		80	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.838		25-120		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.854		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	30.501		25-125		76	SPK: -40
4165-60-0	Nitrobenzene-d5	33.49		20-125		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.831		20-130		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.51		20-120		89	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.603		1-146		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.971		25-130		80	SPK: -40
93951-97-4	Acenaphthylene-d8	32.145		10-130		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.726		10-150		77	SPK: -40
81103-79-9	Fluorene-d10	33.459		25-125		84	SPK: -40

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	SBLK905	SDG No.:	BG071224
Lab Sample ID:	PB161905BL	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
BG062060.D	1	7/1/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.401		10-130		79	SPK: -40
1719-06-8	Anthracene-d10	33.071		25-130		83	SPK: -40
1718-52-1	Pyrene-d10	32.733		15-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.308		20-130		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	29523	8.036				
1146-65-2	Naphthalene-d8	143273	10.85				
15067-26-2	Acenaphthene-d10	120405	14.669				
1517-22-2	Phenanthrene-d10	310007	17.413				
1719-03-5	Chrysene-d12	293174	21.673				
1520-96-3	Perylene-d12	355194	24.881				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	SBLK910	SDG No.:	BG071224
Lab Sample ID:	PB161910BL	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
BG062061.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161910

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:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	SBLK910	SDG No.:	BG071224
Lab Sample ID:	PB161910BL	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
BG062061.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161910

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:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	SBLK910	SDG No.:	BG071224
Lab Sample ID:	PB161910BL	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
BG062061.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161910

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	8.741		15-120		109	SPK: -8
7291-22-7	Pyridine-d5	36.594		20-120		91	SPK: -40
4165-62-2	Phenol-d5	39.066		10-130		98	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.305		25-120		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.122		20-130		83	SPK: -40
190780-66-6	4-Methylphenol-d8	34.748		25-125		87	SPK: -40
4165-60-0	Nitrobenzene-d5	35.899		20-125		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.815		20-130		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	38.96		20-120		97	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.749		1-146		77	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.336		25-130		91	SPK: -40
93951-97-4	Acenaphthylene-d8	35.584		10-130		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	36.357		10-150		91	SPK: -40
81103-79-9	Fluorene-d10	38.876		25-125		97	SPK: -40

Report of Analysis

Client:		Date Collected:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	SBLK910	SDG No.:	BG071224
Lab Sample ID:	PB161910BL	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
BG062061.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.019		10-130		80	SPK: -40
1719-06-8	Anthracene-d10	36.319		25-130		91	SPK: -40
1718-52-1	Pyrene-d10	34.732		15-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.198		20-130		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	22997	8.035				
1146-65-2	Naphthalene-d8	111902	10.849				
15067-26-2	Acenaphthene-d10	92467	14.668				
1517-22-2	Phenanthrene-d10	253353	17.412				
1719-03-5	Chrysene-d12	251210	21.672				
1520-96-3	Perylene-d12	297968	24.88				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	SLCS903	SDG No.:	BG071224
Lab Sample ID:	PB161903BS	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
BG062062.D	1	7/1/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	27		2.3	5	10	ug/L
110-86-1	Pyridine	28		2.2	10	10	ug/L
108-95-2	Phenol	28		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	24		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	29		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	28		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22		1.2	5	10	ug/L
98-86-2	Acetophenone	27		0.89	5	10	ug/L
106-44-5	4-Methylphenol	28		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	26		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	27		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	28		0.99	2.5	5	ug/L
78-59-1	Isophorone	25		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	31		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	23		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	24		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	31		0.93	2.5	5	ug/L
91-20-3	Naphthalene	27		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	24		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	29		0.98	2.5	5	ug/L
105-60-2	Caprolactam	29		2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	33		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	28		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	28		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	14		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	27		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	29		0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	SLCS903	SDG No.:	BG071224
Lab Sample ID:	PB161903BS	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
BG062062.D	1	7/1/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	27		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	33		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	28		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	33		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	28		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	32		1.5	5	10	ug/L
83-32-9	Acenaphthene	27		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	27		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	34		1.4	5	10	ug/L
132-64-9	Dibenzofuran	29		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	34		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	29		0.87	2.5	5	ug/L
86-73-7	Fluorene	29		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	28		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	36		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	31		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	29		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	28		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	30		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	31		0.56	2.5	5	ug/L
1912-24-9	Atrazine	6.3	J	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	15		2.5	5	10	ug/L
85-01-8	Phenanthrene	29		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	29		1.2	2.5	5	ug/L
120-12-7	Anthracene	27		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	28		0.92	2.5	5	ug/L
86-74-8	Carbazole	29		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	28		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	28		0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	SLCS903	SDG No.:	BG071224
Lab Sample ID:	PB161903BS	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
BG062062.D	1	7/1/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	28		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	27		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	30		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	28		0.56	2.5	5	ug/L
218-01-9	Chrysene	29		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	27		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	28		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	29		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	29		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	26		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	30		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	29		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	28		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	26		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.71		15-120		84	SPK: -8
7291-22-7	Pyridine-d5	27.791		20-120		69	SPK: -40
4165-62-2	Phenol-d5	28.143		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.642		25-120		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.415		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	27.572		25-125		69	SPK: -40
4165-60-0	Nitrobenzene-d5	28.514		20-125		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.915		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.111		20-120		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.341		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.944		25-130		72	SPK: -40
93951-97-4	Acenaphthylene-d8	29.024		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.872		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	30.361		25-125		76	SPK: -40

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	SLCS903	SDG No.:	BG071224
Lab Sample ID:	PB161903BS	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
BG062062.D	1	7/1/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.888		10-130		80	SPK: -40
1719-06-8	Anthracene-d10	27.997		25-130		70	SPK: -40
1718-52-1	Pyrene-d10	28.346		15-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.919		20-130		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	33825	8.038				
1146-65-2	Naphthalene-d8	174584	10.852				
15067-26-2	Acenaphthene-d10	137425	14.671				
1517-22-2	Phenanthrene-d10	348049	17.415				
1719-03-5	Chrysene-d12	327797	21.675				
1520-96-3	Perylene-d12	394377	24.889				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	SLCS910	SDG No.:	BG071224
Lab Sample ID:	PB161910BS	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
BG062063.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	27		2.3	5	10	ug/L
110-86-1	Pyridine	29		2.2	10	10	ug/L
108-95-2	Phenol	28		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	24		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	28		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	28		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22		1.2	5	10	ug/L
98-86-2	Acetophenone	27		0.89	5	10	ug/L
106-44-5	4-Methylphenol	27		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	26		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	29		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	29		0.99	2.5	5	ug/L
78-59-1	Isophorone	26		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	30		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	22		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	24		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	32		0.93	2.5	5	ug/L
91-20-3	Naphthalene	28		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	25		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	30		0.98	2.5	5	ug/L
105-60-2	Caprolactam	32		2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	34		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	29		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	29		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	13		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	27		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	29		0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	SLCS910	SDG No.:	BG071224
Lab Sample ID:	PB161910BS	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
BG062063.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	27		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	34		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	28		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	34		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	28		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	33		1.5	5	10	ug/L
83-32-9	Acenaphthene	28		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	27		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	36		1.4	5	10	ug/L
132-64-9	Dibenzofuran	29		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	36		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	29		0.87	2.5	5	ug/L
86-73-7	Fluorene	29		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	30		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	36		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	32		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	29		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	28		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	28		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	30		0.56	2.5	5	ug/L
1912-24-9	Atrazine	6	J	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	15		2.5	5	10	ug/L
85-01-8	Phenanthrene	28		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	28		1.2	2.5	5	ug/L
120-12-7	Anthracene	27		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	27		0.92	2.5	5	ug/L
86-74-8	Carbazole	30		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	28		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	27		0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	SLCS910	SDG No.:	BG071224
Lab Sample ID:	PB161910BS	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
BG062063.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	27		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	27		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	29		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	28		0.56	2.5	5	ug/L
218-01-9	Chrysene	28		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	27		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	28		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	29		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	29		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	27		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	29		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	28		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	28		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	26		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.082		15-120		76	SPK: -8
7291-22-7	Pyridine-d5	27.985		20-120		70	SPK: -40
4165-62-2	Phenol-d5	27.297		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.323		25-120		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.32		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	26.865		25-125		67	SPK: -40
4165-60-0	Nitrobenzene-d5	28.96		20-125		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.547		20-130		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.297		20-120		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.822		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.668		25-130		72	SPK: -40
93951-97-4	Acenaphthylene-d8	29.514		10-130		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.183		10-150		73	SPK: -40
81103-79-9	Fluorene-d10	30.518		25-125		76	SPK: -40

Report of Analysis

Client:		Date Collected:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	SLCS910	SDG No.:	BG071224
Lab Sample ID:	PB161910BS	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
BG062063.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.823		10-130		80	SPK: -40
1719-06-8	Anthracene-d10	27.258		25-130		68	SPK: -40
1718-52-1	Pyrene-d10	27.655		15-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.884		20-130		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	31084	8.042				
1146-65-2	Naphthalene-d8	156018	10.85				
15067-26-2	Acenaphthene-d10	126893	14.67				
1517-22-2	Phenanthrene-d10	336909	17.413				
1719-03-5	Chrysene-d12	317971	21.673				
1520-96-3	Perylene-d12	376282	24.881				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	SLCS905	SDG No.:	BG071224
Lab Sample ID:	PB161905BS	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
BG062064.D	1	7/1/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	29		2.3	5	10	ug/L
110-86-1	Pyridine	31		2.2	10	10	ug/L
108-95-2	Phenol	30		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	26		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	31		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	30		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	24		1.2	5	10	ug/L
98-86-2	Acetophenone	28		0.89	5	10	ug/L
106-44-5	4-Methylphenol	30		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	27		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	31		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	32		0.99	2.5	5	ug/L
78-59-1	Isophorone	28		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	32		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	25		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	26		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	32		0.93	2.5	5	ug/L
91-20-3	Naphthalene	29		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	26		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	33		0.98	2.5	5	ug/L
105-60-2	Caprolactam	34		2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	36		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	31		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	31		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	16		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	28		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	31		0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	SLCS905	SDG No.:	BG071224
Lab Sample ID:	PB161905BS	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
BG062064.D	1	7/1/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	29		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	36		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	30		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	36		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	30		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	35		1.5	5	10	ug/L
83-32-9	Acenaphthene	30		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	28		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	41		1.4	5	10	ug/L
132-64-9	Dibenzofuran	31		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	38		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	30		0.87	2.5	5	ug/L
86-73-7	Fluorene	31		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	31		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	38		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	32		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	30		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	30		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	31		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	32		0.56	2.5	5	ug/L
1912-24-9	Atrazine	6.4	J	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	17		2.5	5	10	ug/L
85-01-8	Phenanthrene	29		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	30		1.2	2.5	5	ug/L
120-12-7	Anthracene	29		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	28		0.92	2.5	5	ug/L
86-74-8	Carbazole	31		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	30		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	29		0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	SLCS905	SDG No.:	BG071224
Lab Sample ID:	PB161905BS	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
BG062064.D	1	7/1/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	29		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	29		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	32		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	31		0.56	2.5	5	ug/L
218-01-9	Chrysene	31		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	30		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	30		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	30		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	31		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	28		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	32		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	31		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	31		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	28		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	8.895		15-120		111	SPK: -8
7291-22-7	Pyridine-d5	29.684		20-120		74	SPK: -40
4165-62-2	Phenol-d5	28.844		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.1		25-120		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.481		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	29.392		25-125		73	SPK: -40
4165-60-0	Nitrobenzene-d5	31.408		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.645		20-130		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.385		20-120		86	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.084		1-146		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.768		25-130		77	SPK: -40
93951-97-4	Acenaphthylene-d8	31.333		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.792		10-150		79	SPK: -40
81103-79-9	Fluorene-d10	33.004		25-125		83	SPK: -40

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	SLCS905	SDG No.:	BG071224
Lab Sample ID:	PB161905BS	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
BG062064.D	1	7/1/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.516		10-130		84	SPK: -40
1719-06-8	Anthracene-d10	29.642		25-130		74	SPK: -40
1718-52-1	Pyrene-d10	30.238		15-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.965		20-130		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	31200	8.041				
1146-65-2	Naphthalene-d8	157069	10.849				
15067-26-2	Acenaphthene-d10	128428	14.674				
1517-22-2	Phenanthrene-d10	337480	17.418				
1719-03-5	Chrysene-d12	313910	21.678				
1520-96-3	Perylene-d12	383445	24.88				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	SLCS909	SDG No.:	BG071224
Lab Sample ID:	PB161909BS	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
BG062065.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161909

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	24		2.3	5	10	ug/L
110-86-1	Pyridine	24		2.2	10	10	ug/L
108-95-2	Phenol	25		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	21		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	25		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	24		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	20		1.2	5	10	ug/L
98-86-2	Acetophenone	23		0.89	5	10	ug/L
106-44-5	4-Methylphenol	24		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	21		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	25		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	26		0.99	2.5	5	ug/L
78-59-1	Isophorone	22		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	27		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	22		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	21		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	28		0.93	2.5	5	ug/L
91-20-3	Naphthalene	25		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	22		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	27		0.98	2.5	5	ug/L
105-60-2	Caprolactam	29		2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	30		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	26		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	27		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	13		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	25		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	26		0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	SLCS909	SDG No.:	BG071224
Lab Sample ID:	PB161909BS	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
BG062065.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161909

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	24		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	31		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	25		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	30		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	26		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	30		1.5	5	10	ug/L
83-32-9	Acenaphthene	26		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	25		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	33		1.4	5	10	ug/L
132-64-9	Dibenzofuran	26		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	33		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	26		0.87	2.5	5	ug/L
86-73-7	Fluorene	27		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	27		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	32		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	29		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	26		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	26		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	27		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	29		0.56	2.5	5	ug/L
1912-24-9	Atrazine	5.4	J	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	15		2.5	5	10	ug/L
85-01-8	Phenanthrene	26		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	27		1.2	2.5	5	ug/L
120-12-7	Anthracene	25		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	25		0.92	2.5	5	ug/L
86-74-8	Carbazole	27		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	26		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	25		0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	SLCS909	SDG No.:	BG071224
Lab Sample ID:	PB161909BS	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
BG062065.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161909

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	25		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	25		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	27		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	26		0.56	2.5	5	ug/L
218-01-9	Chrysene	26		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	25		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	26		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	27		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	27		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	25		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	27		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	28		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	27		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	24		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.329		15-120		79	SPK: -8
7291-22-7	Pyridine-d5	24.094		20-120		60	SPK: -40
4165-62-2	Phenol-d5	24.429		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.346		25-120		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.885		20-130		57	SPK: -40
190780-66-6	4-Methylphenol-d8	23.984		25-125		60	SPK: -40
4165-60-0	Nitrobenzene-d5	26.535		20-125		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.648		20-130		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.46		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.71		1-146		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.034		25-130		65	SPK: -40
93951-97-4	Acenaphthylene-d8	26.602		10-130		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.605		10-150		69	SPK: -40
81103-79-9	Fluorene-d10	27.537		25-125		69	SPK: -40

Report of Analysis

Client:		Date Collected:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	SLCS909	SDG No.:	BG071224
Lab Sample ID:	PB161909BS	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
BG062065.D	1	7/3/2024 12:00:00 AM	7/13/2024 12:00:00 AM	PB161909

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.472		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	25.424		25-130		64	SPK: -40
1718-52-1	Pyrene-d10	24.996		15-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.014		20-130		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	39540	8.038				
1146-65-2	Naphthalene-d8	193514	10.852				
15067-26-2	Acenaphthene-d10	153729	14.671				
1517-22-2	Phenanthrene-d10	393539	17.415				
1719-03-5	Chrysene-d12	372427	21.681				
1520-96-3	Perylene-d12	439547	24.889				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L



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

Hit Summary Sheet SW-846

SDG No.: BG071224

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : YDZH2								
P3137-05	YDZH2	Water	(DEL) Alkane: Straight-Chain10.7 *	5.400	J			
P3137-05	YDZH2	Water	(DEL) Alkane: Straight-Chain13.6 *	4.400	J			
P3137-05	YDZH2	Water	Diethyltoluamide *	2.100	J			
P3137-05	YDZH2	Water	unknown-01 *	2.700	J			
P3137-05	YDZH2	Water	unknown-02 *	4.800	J			
P3137-05	YDZH2	Water	unknown-03 *	5.300	J			
P3137-05	YDZH2	Water	Total Alkanes *	9.800		1	5.1	ug/L
			Total Tics :			34.50		
			Total Concentration:			34.50		
Client ID : YDZH3								
P3137-06	YDZH3	Water	(DEL) Alkane: Straight-Chain10.7 *	3.500	J			
P3137-06	YDZH3	Water	(DEL) Alkane: Straight-Chain11.4 *	3.200	J			
P3137-06	YDZH3	Water	Acetic acid, diethyl- *	3.500	J			
P3137-06	YDZH3	Water	Total Alkanes *	6.700		0.99	5	ug/L
			Total Tics :			16.90		
			Total Concentration:			16.90		
Client ID : YDZE4								
P3137-11	YDZE4	Water	Total Alkanes *	0.000		1	5.1	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : YDZF4								
P3137-12	YDZF4	Water	(DEL) Alkane: Cyclic21.310 *	3.600	J			
P3137-12	YDZF4	Water	(DEL) Alkane: Straight-Chain23.9 *	5.700	J			
P3137-12	YDZF4	Water	unknown-01 *	3.800	J			
P3137-12	YDZF4	Water	Total Alkanes *	9.300		1	5.1	ug/L
			Total Tics :			22.40		
			Total Concentration:			22.40		
Client ID : YDZH1								
P3137-13	YDZH1	Water	Total Alkanes *	0.000		0.99	5	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : YDZK4								
P3137-14	YDZK4	Water	(DEL) Alkane: Straight-Chain21.3 *	2.500	J			
P3137-14	YDZK4	Water	(DEL) Alkane: Straight-Chain23.9 *	4.000	J			
P3137-14	YDZK4	Water	[(Phenylsulfonyl)amino]acetic aci *	35.000	J			

Hit Summary Sheet SW-846

SDG No.: BG071224

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3137-14	YDZK4	Water	2(3H)-Benzothiazolone	*	5.200	J		
P3137-14	YDZK4	Water	2-Octyne	*	6.400	J		
P3137-14	YDZK4	Water	3,5-di-tert-Butyl-4-hydroxyphenyl	*	8.400	J		
P3137-14	YDZK4	Water	4-(7-Methyloctyl)phenol	*	5.600	J		
P3137-14	YDZK4	Water	4-Hydroxy-2-methylacetophenone	*	4.000	J		
P3137-14	YDZK4	Water	Acetamide, N-(2-methylphenyl)-	*	8.100	J		
P3137-14	YDZK4	Water	Benzene, 1-(1,1-dimethylethyl)-4-	*	2.100	J		
P3137-14	YDZK4	Water	Benzeneethanol, .alpha.,.alpha.,4-	*	3.000	J		
P3137-14	YDZK4	Water	Benzoic acid, p-tert-butyl-	*	4.600	J		
P3137-14	YDZK4	Water	Bicyclo[4.3.1]decan-10-one	*	3.300	J		
P3137-14	YDZK4	Water	Diethyltoluamide	*	22.000	J		
P3137-14	YDZK4	Water	Ethanone, 1-(2,3-dihydro-1H-inde	*	2.400	J		
P3137-14	YDZK4	Water	Hexestrol	*	6.000	J		
P3137-14	YDZK4	Water	Isoprene	*	4.400	J		
P3137-14	YDZK4	Water	m-Anisoyl amide, N-(2-phenyleth	*	3.200	J		
P3137-14	YDZK4	Water	n-Hexadecanoic acid	*	7.300	J		
P3137-14	YDZK4	Water	Octadecanoic acid	*	3.600	J		
P3137-14	YDZK4	Water	Phenol, 2-(1,1-dimethylethyl)-	*	3.200	J		
P3137-14	YDZK4	Water	Phenol, 3,4,5-trimethyl-	*	2.500	J		
P3137-14	YDZK4	Water	Phenol, 4-(1,1-dimethylpropyl)-	*	5.200	J		
P3137-14	YDZK4	Water	Phenol, m-tert-butyl-	*	3.700	J		
P3137-14	YDZK4	Water	Phenol, p-tert-butyl-	*	9.100	J		
P3137-14	YDZK4	Water	unknown-01	*	4.200	J		
P3137-14	YDZK4	Water	unknown-02	*	4.600	J		
P3137-14	YDZK4	Water	unknown-03	*	4.300	J		
P3137-14	YDZK4	Water	unknown-04	*	2.600	J		
P3137-14	YDZK4	Water	unknown-05	*	3.000	J		
P3137-14	YDZK4	Water	unknown-06	*	7.500	J		
P3137-14	YDZK4	Water	unknown-07	*	2.400	J		
P3137-14	YDZK4	Water	Total Alkanes	*	6.500		0.99	5 ug/L
			Total Tics :		199.90			
P3137-14	YDZK4	Water	1,4-Dioxane		17.000		1.2	2 ug/L
			Total Svoc :		17.00			
			Total Concentration:		216.90			
Client ID : YDZE5								
P3137-16	YDZE5	Water	(DEL) Alkane: Cyclic12.574	*	4.700	J		
P3137-16	YDZE5	Water	(DEL) Alkane: Cyclic14.167	*	2.100	J		
P3137-16	YDZE5	Water	(DEL) Alkane: Cyclic14.566	*	3.200	J		
P3137-16	YDZE5	Water	(DEL) Alkane: Straight-Chain10.7	*	15.000	J		
P3137-16	YDZE5	Water	(DEL) Alkane: Straight-Chain12.(	*	8.600	J		

Hit Summary Sheet SW-846

SDG No.: BG071224

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3137-16	YDZE5	Water	(DEL) Alkane: Straight-Chain12.2 *	2.400	J			
P3137-16	YDZE5	Water	(DEL) Alkane: Straight-Chain12.6 *	11.000	J			
P3137-16	YDZE5	Water	(DEL) Alkane: Straight-Chain13.6 *	5.800	J			
P3137-16	YDZE5	Water	(DEL) Alkane: Straight-Chain13.7 *	38.000	J			
P3137-16	YDZE5	Water	(DEL) Alkane: Straight-Chain14.4 *	8.800	J			
P3137-16	YDZE5	Water	5,5-Dimethyl-1,3-hexadiene *	4.800	J			
P3137-16	YDZE5	Water	Cyclohexanecarboxylic acid, 4-cy *	27.000	J			
P3137-16	YDZE5	Water	Phenol, 4-(1,1-dimethylpropyl)- *	2.500	J			
P3137-16	YDZE5	Water	unknown-01 *	2.300	J			
P3137-16	YDZE5	Water	unknown-02 *	6.100	J			
P3137-16	YDZE5	Water	unknown-03 *	7.900	J			
P3137-16	YDZE5	Water	unknown-04 *	2.600	J			
P3137-16	YDZE5	Water	unknown-05 *	8.000	J			
P3137-16	YDZE5	Water	unknown-06 *	4.600	J			
P3137-16	YDZE5	Water	unknown-07 *	2.700	J			
P3137-16	YDZE5	Water	unknown-08 *	3.400	J			
P3137-16	YDZE5	Water	unknown-09 *	7.100	J			
P3137-16	YDZE5	Water	unknown-10 *	24.000	J			
P3137-16	YDZE5	Water	Total Alkanes *	100.000		1	5.1	ug/L
Total Tics :				302.60				
P3137-16	YDZE5	Water	1,4-Dioxane	77.000	E	1.2	2	ug/L
Total Svoc :				77.00				
Total Concentration:				379.60				
Client ID : YDZG6								
P3137-17	YDZG6	Water	(DEL) Alkane: Cyclic12.560 *	10.000	J			
P3137-17	YDZG6	Water	(DEL) Alkane: Cyclic12.695 *	24.000	J			
P3137-17	YDZG6	Water	(DEL) Alkane: Cyclic13.623 *	4.400	J			
P3137-17	YDZG6	Water	(DEL) Alkane: Cyclic9.475 *	4.200	J			
P3137-17	YDZG6	Water	(DEL) Alkane: Straight-Chain10.7 *	52.000	J			
P3137-17	YDZG6	Water	(DEL) Alkane: Straight-Chain10.9 *	10.000	J			
P3137-17	YDZG6	Water	(DEL) Alkane: Straight-Chain11.4 *	150.000	J			
P3137-17	YDZG6	Water	(DEL) Alkane: Straight-Chain11.5 *	46.000	J			
P3137-17	YDZG6	Water	(DEL) Alkane: Straight-Chain12.6 *	43.000	J			
P3137-17	YDZG6	Water	(DEL) Alkane: Straight-Chain12.2 *	6.800	J			
P3137-17	YDZG6	Water	(DEL) Alkane: Straight-Chain12.3 *	13.000	J			
P3137-17	YDZG6	Water	(DEL) Alkane: Straight-Chain12.4 *	4.800	J			
P3137-17	YDZG6	Water	(DEL) Alkane: Straight-Chain12.6 *	7.300	J			
P3137-17	YDZG6	Water	(DEL) Alkane: Straight-Chain14.5 *	3.700	J			
P3137-17	YDZG6	Water	1H-1,2,4-Triazole, 3-methyl- *	20.000	J			
P3137-17	YDZG6	Water	1H-Pyrazole-4-carboxaldehyde, 1- *	13.000	J			

Hit Summary Sheet SW-846

SDG No.: BG071224

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3137-17	YDZG6	Water	3,3,4,4-Tetramethyl-cyclopentano *	19.000	J			
P3137-17	YDZG6	Water	3,6-Dimethyl-2,3,3a,4,5,7a-hexah *	14.000	J			
P3137-17	YDZG6	Water	4-Nitro-1,3-phenylenediamine *	5.600	J			
P3137-17	YDZG6	Water	5,5-Dimethyl-1,3-hexadiene *	5.900	J			
P3137-17	YDZG6	Water	Cyclopropane, 1-methoxy-2,2-din *	4.900	J			
P3137-17	YDZG6	Water	Diisopropyl sulfide *	5.100	J			
P3137-17	YDZG6	Water	dl-Erythro-O-methylthreonine *	3.300	J			
P3137-17	YDZG6	Water	Ethanone, 1-(1-ethyl-1H-pyrazol- *	3.300	J			
P3137-17	YDZG6	Water	Heptafluorobutyric acid, pentadec *	3.700	J			
P3137-17	YDZG6	Water	unknown-01 *	8.500	J			
P3137-17	YDZG6	Water	unknown-02 *	3.200	J			
P3137-17	YDZG6	Water	unknown-03 *	4.500	J			
P3137-17	YDZG6	Water	unknown-04 *	4.400	J			
P3137-17	YDZG6	Water	unknown-05 *	7.000	J			
P3137-17	YDZG6	Water	unknown-06 *	19.000	J			
P3137-17	YDZG6	Water	unknown-07 *	5.200	J			
P3137-17	YDZG6	Water	unknown-08 *	6.900	J			
P3137-17	YDZG6	Water	unknown-09 *	5.200	J			
P3137-17	YDZG6	Water	unknown-10 *	3.100	J			
P3137-17	YDZG6	Water	unknown-11 *	7.800	J			
P3137-17	YDZG6	Water	unknown-12 *	2.900	J			
P3137-17	YDZG6	Water	unknown-13 *	5.600	J			
P3137-17	YDZG6	Water	unknown-14 *	6.300	J			
P3137-17	YDZG6	Water	unknown-15 *	23.000	J			
P3137-17	YDZG6	Water	unknown-16 *	7.900	J			
P3137-17	YDZG6	Water	unknown-17 *	4.800	J			
P3137-17	YDZG6	Water	unknown-18 *	3.600	J			
P3137-17	YDZG6	Water	unknown-19 *	16.000	J			
P3137-17	YDZG6	Water	Total Alkanes *	380.000		0.99	5	ug/L
			Total Tics :	1,001.90				
P3137-17	YDZG6	Water	1,4-Dioxane	11.000		1.2	2	ug/L
			Total Svoc :	11.00				
			Total Concentration:	1,012.90				
Client ID : YDZG7								
P3137-18	YDZG7	Water	(+)-2-Bornanone *	26.000	J			
P3137-18	YDZG7	Water	(2E,4E)-3,7-Dimethylocta-2,4-die *	43.000	J			
P3137-18	YDZG7	Water	(DEL) Alkane: Cyclic12.589 *	140.000	J			
P3137-18	YDZG7	Water	(DEL) Alkane: Cyclic12.671 *	43.000	J			
P3137-18	YDZG7	Water	(DEL) Alkane: Cyclic13.752 *	47.000	J			
P3137-18	YDZG7	Water	(DEL) Alkane: Cyclic9.669 *	290.000	J			

Hit Summary Sheet SW-846

SDG No.: BG071224

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3137-18	YDZG7	Water	(DEL) Alkane: Straight-Chain10.9 *	76.000	J			
P3137-18	YDZG7	Water	(DEL) Alkane: Straight-Chain12.0 *	200.000	J			
P3137-18	YDZG7	Water	(DEL) Alkane: Straight-Chain12.2 *	34.000	J			
P3137-18	YDZG7	Water	(DEL) Alkane: Straight-Chain12.3 *	99.000	J			
P3137-18	YDZG7	Water	(DEL) Alkane: Straight-Chain12.7 *	130.000	J			
P3137-18	YDZG7	Water	(DEL) Alkane: Straight-Chain13.0 *	2.800	J			
P3137-18	YDZG7	Water	(DEL) Alkane: Straight-Chain13.6 *	6.200	J			
P3137-18	YDZG7	Water	(DEL) Alkane: Straight-Chain14.4 *	3.500	J			
P3137-18	YDZG7	Water	(DEL) Alkane: Straight-Chain16.2 *	6.800	J			
P3137-18	YDZG7	Water	1,3-Hexadiene, 3-ethyl-2-methyl-, *	46.000	J			
P3137-18	YDZG7	Water	1-Cyclohexyl-3-isopropylcarbodiimide, *	19.000	J			
P3137-18	YDZG7	Water	1-Hexyn-3-ol *	36.000	J			
P3137-18	YDZG7	Water	2-Cyclopenten-1-one, 2,3,4,5-tetrahydro-, *	20.000	J			
P3137-18	YDZG7	Water	2-Hexanone, 5-methyl- *	15.000	J			
P3137-18	YDZG7	Water	4-Amino-3-hydroxybenzoic acid *	41.000	J			
P3137-18	YDZG7	Water	Bicyclo[3.1.1]heptan-3-one, 6,6-dimethyl-, *	52.000	J			
P3137-18	YDZG7	Water	cis-4,6-Dimethylcyclohexane-1,3-diol, *	82.000	J			
P3137-18	YDZG7	Water	Diethyltoluamide *	21.000	J			
P3137-18	YDZG7	Water	Diisopropyl sulfide *	22.000	J			
P3137-18	YDZG7	Water	Tributylsilane *	19.000	J			
P3137-18	YDZG7	Water	unknown-01 *	27.000	J			
P3137-18	YDZG7	Water	unknown-02 *	15.000	J			
P3137-18	YDZG7	Water	unknown-03 *	18.000	J			
P3137-18	YDZG7	Water	unknown-04 *	16.000	J			
P3137-18	YDZG7	Water	unknown-05 *	20.000	J			
P3137-18	YDZG7	Water	unknown-06 *	26.000	J			
P3137-18	YDZG7	Water	unknown-07 *	14.000	J			
P3137-18	YDZG7	Water	unknown-08 *	37.000	J			
P3137-18	YDZG7	Water	unknown-09 *	850.000	J			
P3137-18	YDZG7	Water	unknown-10 *	270.000	J			
P3137-18	YDZG7	Water	unknown-11 *	39.000	J			
P3137-18	YDZG7	Water	unknown-12 *	30.000	J			
P3137-18	YDZG7	Water	unknown-13 *	31.000	J			
P3137-18	YDZG7	Water	unknown-14 *	22.000	J			
P3137-18	YDZG7	Water	unknown-15 *	15.000	J			
P3137-18	YDZG7	Water	unknown-16 *	57.000	J			
P3137-18	YDZG7	Water	VII tropolone *	89.000	J			
P3137-18	YDZG7	Water	Total Alkanes *	1,100.000		1	5.1	ug/L
Total Tics :				4,196.30				
P3137-18	YDZG7	Water	1,4-Dioxane	90.000	E	1.2	2	ug/L

Hit Summary Sheet SW-846

SDG No.: BG071224

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :			90.00		
			Total Concentration:			4,286.30		
Client ID : YDZG9								
P3137-19	YDZG9	Water	unknown-01	*	3.100	J		
P3137-19	YDZG9	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			3.10		
			Total Concentration:			3.10		
Client ID : YDZE3								
P3137-21	YDZE3	Water	(DEL) Alkane: Cyclic13.688	*	8.900	J		
P3137-21	YDZE3	Water	(DEL) Alkane: Straight-Chain13.6	*	3.400	J		
P3137-21	YDZE3	Water	(DEL) Alkane: Straight-Chain20.8	*	4.700	J		
P3137-21	YDZE3	Water	(DEL) Alkane: Straight-Chain21.8	*	5.700	J		
P3137-21	YDZE3	Water	(DEL) Alkane: Straight-Chain22.4	*	6.300	J		
P3137-21	YDZE3	Water	(DEL) Alkane: Straight-Chain23.5	*	4.300	J		
P3137-21	YDZE3	Water	1-Butanone, 1-(2,4,5-trihydroxyp	*	2.000	J		
P3137-21	YDZE3	Water	Camphorsulfonic acid	*	3.200	J		
P3137-21	YDZE3	Water	Heptadecane, 1-bromo-	*	2.600	J		
P3137-21	YDZE3	Water	Hexathiepane	*	5.700	J		
P3137-21	YDZE3	Water	n-Hexadecanoic acid	*	2.800	J		
P3137-21	YDZE3	Water	Sulfurous acid, butyl octadecyl es	*	11.000	J		
P3137-21	YDZE3	Water	unknown-01	*	2.600	J		
P3137-21	YDZE3	Water	unknown-02	*	3.400	J		
P3137-21	YDZE3	Water	unknown-03	*	3.000	J		
P3137-21	YDZE3	Water	unknown-04	*	11.000	J		
P3137-21	YDZE3	Water	unknown-05	*	3.200	J		
P3137-21	YDZE3	Water	unknown-06	*	6.900	J		
P3137-21	YDZE3	Water	Total Alkanes	*	33.000	0.99	5	ug/L
			Total Tics :			123.70		
P3137-21	YDZE3	Water	1,4-Dioxane		43.000	E 1.2	2	ug/L
			Total Svoc :			43.00		
			Total Concentration:			166.70		

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG070224SAS No.: BG070224SDG 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



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG071224 SAS No.: BG071224 SDG NO.: BG071224

EPA Sample No.: SSTD020448

Date Analyzed: Jul 12 2024 12:00AM

Lab File ID: BG061852.D

Time Analyzed: 18:39

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	SBLK903	48263	8.04	216238	10.86	167433	14.68
02	SBLK909	46724	8.04	209613	10.85	166266	14.67
03	YDZH2	42981	8.04	187787	10.85	145000	14.68
04	YDZH3	41772	8.04	185679	10.85	157963	14.67
05	YDZE4	49697	8.04	222611	10.85	169909	14.67
06	YDZF4	43141	8.04	209004	10.85	173784	14.67
07	YDZH1	46715	8.04	216403	10.85	176307	14.67
08	YDZK4	50597	8.04	200698	10.86	152683	14.67
09	YDZE5	29634	8.04	153109	10.85	121353	14.67
10	YDZG6	45460	8.04	197238	10.86	141776	14.68
11	YDZE3	38646	8.04	161553	10.85	123513	14.68
12	YDZG7	44161	8.04	173543	10.86	120306	14.68
13	YDZG9	32994	8.04	163632	10.85	123958	14.67
14	SBLK905	29523	8.04	143273	10.85	120405	14.67
15	SBLK910	22997 *	8.04	111902 *	10.85	92467	14.67
16	SLCS903	33825	8.04	174584	10.85	137425	14.67
17	SLCS910	31084	8.04	156018	10.85	126893	14.67
18	SLCS905	31200	8.04	157069	10.85	128428	14.67
19	SLCS909	39540	8.04	193514	10.85	153729	14.67



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG071224 SAS No.: BG071224 SDG NO.: BG071224

EPA Sample No.: SSTD020448 Date Analyzed: Jul 13 2024 12:00AM

Lab File ID: BG061852.D Time Analyzed: 08:18

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	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.						

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.: BG071224 SAS No.: BG071224 SDG NO.: BG071224

EPA Sample No.: SSTD020570 Date Analyzed: Jul 12 2024 12:00AM

Lab File ID: BG062045.D Time Analyzed: 18:39

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	45130	8.038	203553	10.85	138856	14.67
UPPER LIMIT	90260	8.538	407106	11.352	277712	15.172
LOWER LIMIT	22565	7.538	101776.5	10.352	69428	14.172
EPA SAMPLE NO.						
01 SBLK903	48263	8.04	216238	10.86	167433	14.68
02 SBLK909	46724	8.04	209613	10.85	166266	14.67
03 YDZH2	42981	8.04	187787	10.85	145000	14.68
04 YDZH3	41772	8.04	185679	10.85	157963	14.67
05 YDZE4	49697	8.04	222611	10.85	169909	14.67
06 YDZF4	43141	8.04	209004	10.85	173784	14.67
07 YDZH1	46715	8.04	216403	10.85	176307	14.67
08 YDZK4	50597	8.04	200698	10.86	152683	14.67
09 YDZE5	29634	8.04	153109	10.85	121353	14.67
10 YDZG6	45460	8.04	197238	10.86	141776	14.68
11 YDZE3	38646	8.04	161553	10.85	123513	14.68
12 YDZG7	44161	8.04	173543	10.86	120306	14.68
13 YDZG9	32994	8.04	163632	10.85	123958	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.: BG071224 SAS No.: BG071224 SDG NO.: BG071224

EPA Sample No.: SSTD020571 Date Analyzed: Jul 13 2024 12:00AM

Lab File ID: BG062059.D Time Analyzed: 04:54

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	34222	8.036	172881	10.85	140737	14.68
UPPER LIMIT	68444	8.536	345762	11.35	281474	15.175
LOWER LIMIT	17111	7.536	86440.5	10.35	70368.5	14.175
EPA SAMPLE NO.						
01 SBLK905	29523	8.04	143273	10.85	120405	14.67
02 SBLK910	22997	8.04	111902	10.85	92467	14.67
03 SLCS903	33825	8.04	174584	10.85	137425	14.67
04 SLCS910	31084	8.04	156018	10.85	126893	14.67
05 SLCS905	31200	8.04	157069	10.85	128428	14.67
06 SLCS909	39540	8.04	193514	10.85	153729	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.: BG071224 SAS No.: BG071224 SDG NO.: BG071224

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

Lab File ID: BG061852.D Time Analyzed: 18:39

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	SBLK903	449550	17.42	425579	21.67	510690	24.89
02	SBLK909	444737	17.41	430057	21.67	514193	24.89
03	YDZH2	363446	17.42	359409	21.67	429592	24.88
04	YDZH3	406612	17.42	389045	21.67	468231	24.89
05	YDZE4	469849	17.41	446166	21.67	540528	24.88
06	YDZF4	440626	17.41	411232	21.67	493043	24.88
07	YDZH1	464504	17.42	437326	21.67	530095	24.88
08	YDZK4	365925	17.42	373474	21.67	447816	24.89
09	YDZE5	302627	17.42	283872	21.67	341117	24.88
10	YDZG6	352184	17.42	325344	21.68	389120	24.89
11	YDZE3	310291	17.41	293225	21.67	356360	24.88
12	YDZG7	290881	17.42	271331	21.67	332457	24.89
13	YDZG9	325886	17.42	295980	21.68	357701	24.88
14	SBLK905	310007	17.41	293174	21.67	355194	24.88
15	SBLK910	253353	17.41	251210	21.67	297968	24.88
16	SLCS903	348049	17.42	327797	21.68	394377	24.89
17	SLCS910	336909	17.41	317971	21.67	376282	24.88
18	SLCS905	337480	17.42	313910	21.68	383445	24.88
19	SLCS909	393539	17.42	372427	21.68	439547	24.89

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG071224 SAS No.: BG071224 SDG NO.: BG071224

EPA Sample No.: SSTD020448 Date Analyzed: Jul 13 2024 12:00AM

Lab File ID: BG061852.D Time Analyzed: 08:18

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	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.						

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.: BG071224 SAS No.: BG071224 SDG NO.: BG071224

EPA Sample No.: SSTD020570 Date Analyzed: Jul 12 2024 12:00AM

Lab File ID: BG062045.D Time Analyzed: 18:39

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	342427	17.421	368741	21.681	384534	24.889
	UPPER LIMIT	684854	17.921	737482	22.181	769068	25.389
	LOWER LIMIT	171213.5	16.921	184370.5	21.181	192267	24.389
	EPA SAMPLE NO.						
01	SBLK903	449550	17.42	425579	21.67	510690	24.89
02	SBLK909	444737	17.41	430057	21.67	514193	24.89
03	YDZH2	363446	17.42	359409	21.67	429592	24.88
04	YDZH3	406612	17.42	389045	21.67	468231	24.89
05	YDZE4	469849	17.41	446166	21.67	540528	24.88
06	YDZF4	440626	17.41	411232	21.67	493043	24.88
07	YDZH1	464504	17.42	437326	21.67	530095	24.88
08	YDZK4	365925	17.42	373474	21.67	447816	24.89
09	YDZE5	302627	17.42	283872	21.67	341117	24.88
10	YDZG6	352184	17.42	325344	21.68	389120	24.89
11	YDZE3	310291	17.41	293225	21.67	356360	24.88
12	YDZG7	290881	17.42	271331	21.67	332457	24.89
13	YDZG9	325886	17.42	295980	21.68	357701	24.88

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.: BG071224 SAS No.: BG071224 SDG NO.: BG071224

EPA Sample No.: SSTD020571 Date Analyzed: Jul 13 2024 12:00AM

Lab File ID: BG062059.D Time Analyzed: 04:54

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	367405	17.419	336408	21.679	396258	24.887
UPPER LIMIT	734810	17.919	672816	22.179	792516	25.387
LOWER LIMIT	183702.5	16.919	168204	21.179	198129	24.387
EPA SAMPLE NO.						
01 SBLK905	310007	17.41	293174	21.67	355194	24.88
02 SBLK910	253353	17.41	251210	21.67	297968	24.88
03 SLCS903	348049	17.42	327797	21.68	394377	24.89
04 SLCS910	336909	17.41	317971	21.67	376282	24.88
05 SLCS905	337480	17.42	313910	21.68	383445	24.88
06 SLCS909	393539	17.42	372427	21.68	439547	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.: BG071224

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161903BS	1,4-Dioxane	16	12	ug/L	75				0	0		
	Benzaldehyde	40	27	ug/L	68				0	0		
	Pyridine	40	28	ug/L	70				0	0		
	Phenol	40	28	ug/L	70				0	0		
	Bis(2-chloroethyl)ether	40	24	ug/L	60				0	0		
	2-Chlorophenol	40	29	ug/L	73				0	0		
	2-Methylphenol	40	28	ug/L	70				0	0		
	2,2-oxybis(1-Chloropropane)	40	22	ug/L	55				0	0		
	Acetophenone	40	27	ug/L	68				0	0		
	4-Methylphenol	40	28	ug/L	70				0	0		
	N-Nitroso-di-n-propylamine	40	26	ug/L	65				0	0		
	Hexachloroethane	40	27	ug/L	68				0	0		
	Nitrobenzene	40	28	ug/L	70				0	0		
	Isophorone	40	25	ug/L	63				0	0		
	2-Nitrophenol	40	31	ug/L	78				0	0		
	2,4-Dimethylphenol	40	23	ug/L	58				0	0		
	Bis(2-chloroethoxy)methane	40	24	ug/L	60				0	0		
	2,4-Dichlorophenol	40	31	ug/L	78				0	0		
	Naphthalene	40	27	ug/L	68				0	0		
	4-Chloroaniline	40	24	ug/L	60				0	0		
	Hexachlorobutadiene	40	29	ug/L	73				0	0		
	Caprolactam	40	29	ug/L	73				0	0		
	4-Chloro-3-methylphenol	40	33	ug/L	83				0	0		
	1-Methylnaphthalene	40	28	ug/L	70				0	0		
	2-Methylnaphthalene	40	28	ug/L	70				0	0		
	Hexachlorocyclopentadiene	40	14	ug/L	35				0	0		
	2,4,6-Trichlorophenol	40	27	ug/L	68				0	0		
	2,4,5-Trichlorophenol	40	29	ug/L	73				0	0		
	1,1'-Biphenyl	40	27	ug/L	68				0	0		
	2-Chloronaphthalene	40	27	ug/L	68				0	0		
	2-Nitroaniline	40	33	ug/L	83				0	0		
	Dimethylphthalate	40	28	ug/L	70				0	0		
	2,6-Dinitrotoluene	40	33	ug/L	83				0	0		
	Acenaphthylene	40	28	ug/L	70				0	0		
	3-Nitroaniline	40	32	ug/L	80				0	0		
	Acenaphthene	40	27	ug/L	68				0	0		
	2,4-Dinitrophenol	40	27	ug/L	68				0	0		
	4-Nitrophenol	40	34	ug/L	85				0	0		
	Dibenzofuran	40	29	ug/L	73				0	0		
	2,4-Dinitrotoluene	40	34	ug/L	85				0	0		
	Diethylphthalate	40	29	ug/L	73				0	0		
	Fluorene	40	29	ug/L	73				0	0		
	4-Chlorophenyl-phenylether	40	28	ug/L	70				0	0		
	4-Nitroaniline	40	36	ug/L	90				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG071224

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161903BS	4,6-Dinitro-2-methylphenol	40	31	ug/L	78				0	0		
	N-Nitrosodiphenylamine	40	29	ug/L	73				0	0		
	1,2,4,5-Tetrachlorobenzene	40	28	ug/L	70				0	0		
	4-Bromophenyl-phenylether	40	30	ug/L	75				0	0		
	Hexachlorobenzene	40	31	ug/L	78				0	0		
	Atrazine	40	6.3	ug/L	16				0	0		
	Pentachlorophenol	40	15	ug/L	38				0	0		
	Phenanthrene	40	29	ug/L	73				0	0		
	Pentachlorobenzene	40	29	ug/L	73				0	0		
	Anthracene	40	27	ug/L	68				0	0		
	1,2,3,4-Tetrachlorobenzene	40	28	ug/L	70				0	0		
	Carbazole	40	29	ug/L	73				0	0		
	Di-n-butylphthalate	40	28	ug/L	70				0	0		
	Fluoranthene	40	28	ug/L	70				0	0		
	Pyrene	40	28	ug/L	70				0	0		
	Butylbenzylphthalate	40	27	ug/L	68				0	0		
	3,3'-Dichlorobenzidine	40	30	ug/L	75				0	0		
	Benzo(a)anthracene	40	28	ug/L	70				0	0		
	Chrysene	40	29	ug/L	73				0	0		
	Bis(2-ethylhexyl)phthalate	40	27	ug/L	68				0	0		
	Di-n-octylphthalate	40	28	ug/L	70				0	0		
	Benzo(b)fluoranthene	40	29	ug/L	73				0	0		
	Benzo(k)fluoranthene	40	29	ug/L	73				0	0		
	Benzo(a)pyrene	40	26	ug/L	65				0	0		
	Indeno(1,2,3-cd)pyrene	40	30	ug/L	75				0	0		
	Dibenzo(a,h)anthracene	40	29	ug/L	73				0	0		
	Benzo(g,h,i)perylene	40	28	ug/L	70				0	0		
	2,3,4,6-Tetrachlorophenol	40	26	ug/L	65				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG071224

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161905BS	1,4-Dioxane	16	12	ug/L	75				0	0		
	Benzaldehyde	40	29	ug/L	73				0	0		
	Pyridine	40	31	ug/L	78				0	0		
	Phenol	40	30	ug/L	75				0	0		
	Bis(2-chloroethyl)ether	40	26	ug/L	65				0	0		
	2-Chlorophenol	40	31	ug/L	78				0	0		
	2-Methylphenol	40	30	ug/L	75				0	0		
	2,2-oxybis(1-Chloropropane)	40	24	ug/L	60				0	0		
	Acetophenone	40	28	ug/L	70				0	0		
	4-Methylphenol	40	30	ug/L	75				0	0		
	N-Nitroso-di-n-propylamine	40	27	ug/L	68				0	0		
	Hexachloroethane	40	31	ug/L	78				0	0		
	Nitrobenzene	40	32	ug/L	80				0	0		
	Isophorone	40	28	ug/L	70				0	0		
	2-Nitrophenol	40	32	ug/L	80				0	0		
	2,4-Dimethylphenol	40	25	ug/L	63				0	0		
	Bis(2-chloroethoxy)methane	40	26	ug/L	65				0	0		
	2,4-Dichlorophenol	40	32	ug/L	80				0	0		
	Naphthalene	40	29	ug/L	73				0	0		
	4-Chloroaniline	40	26	ug/L	65				0	0		
	Hexachlorobutadiene	40	33	ug/L	83				0	0		
	Caprolactam	40	34	ug/L	85				0	0		
	4-Chloro-3-methylphenol	40	36	ug/L	90				0	0		
	1-Methylnaphthalene	40	31	ug/L	78				0	0		
	2-Methylnaphthalene	40	31	ug/L	78				0	0		
	Hexachlorocyclopentadiene	40	16	ug/L	40				0	0		
	2,4,6-Trichlorophenol	40	28	ug/L	70				0	0		
	2,4,5-Trichlorophenol	40	31	ug/L	78				0	0		
	1,1'-Biphenyl	40	28	ug/L	70				0	0		
	2-Chloronaphthalene	40	29	ug/L	73				0	0		
	2-Nitroaniline	40	36	ug/L	90				0	0		
	Dimethylphthalate	40	30	ug/L	75				0	0		
	2,6-Dinitrotoluene	40	36	ug/L	90				0	0		
	Acenaphthylene	40	30	ug/L	75				0	0		
	3-Nitroaniline	40	35	ug/L	88				0	0		
	Acenaphthene	40	30	ug/L	75				0	0		
	2,4-Dinitrophenol	40	28	ug/L	70				0	0		
	4-Nitrophenol	40	41	ug/L	103				0	0		
	Dibenzofuran	40	31	ug/L	78				0	0		
	2,4-Dinitrotoluene	40	38	ug/L	95				0	0		
	Diethylphthalate	40	30	ug/L	75				0	0		
	Fluorene	40	31	ug/L	78				0	0		
	4-Chlorophenyl-phenylether	40	31	ug/L	78				0	0		
	4-Nitroaniline	40	38	ug/L	95				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG071224

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161905BS	4,6-Dinitro-2-methylphenol	40	32	ug/L	80				0	0		
	N-Nitrosodiphenylamine	40	30	ug/L	75				0	0		
	1,2,4,5-Tetrachlorobenzene	40	30	ug/L	75				0	0		
	4-Bromophenyl-phenylether	40	31	ug/L	78				0	0		
	Hexachlorobenzene	40	32	ug/L	80				0	0		
	Atrazine	40	6.4	ug/L	16				0	0		
	Pentachlorophenol	40	17	ug/L	43				0	0		
	Phenanthrene	40	29	ug/L	73				0	0		
	Pentachlorobenzene	40	30	ug/L	75				0	0		
	Anthracene	40	29	ug/L	73				0	0		
	1,2,3,4-Tetrachlorobenzene	40	28	ug/L	70				0	0		
	Carbazole	40	31	ug/L	78				0	0		
	Di-n-butylphthalate	40	30	ug/L	75				0	0		
	Fluoranthene	40	29	ug/L	73				0	0		
	Pyrene	40	29	ug/L	73				0	0		
	Butylbenzylphthalate	40	29	ug/L	73				0	0		
	3,3'-Dichlorobenzidine	40	32	ug/L	80				0	0		
	Benzo(a)anthracene	40	31	ug/L	78				0	0		
	Chrysene	40	31	ug/L	78				0	0		
	Bis(2-ethylhexyl)phthalate	40	30	ug/L	75				0	0		
	Di-n-octylphthalate	40	30	ug/L	75				0	0		
	Benzo(b)fluoranthene	40	30	ug/L	75				0	0		
	Benzo(k)fluoranthene	40	31	ug/L	78				0	0		
	Benzo(a)pyrene	40	28	ug/L	70				0	0		
	Indeno(1,2,3-cd)pyrene	40	32	ug/L	80				0	0		
	Dibenzo(a,h)anthracene	40	31	ug/L	78				0	0		
	Benzo(g,h,i)perylene	40	31	ug/L	78				0	0		
	2,3,4,6-Tetrachlorophenol	40	28	ug/L	70				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG071224

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161909BS	1,4-Dioxane	16	11	ug/L	69				0	0		
	Benzaldehyde	40	24	ug/L	60				0	0		
	Pyridine	40	24	ug/L	60				0	0		
	Phenol	40	25	ug/L	63				0	0		
	Bis(2-chloroethyl)ether	40	21	ug/L	52				0	0		
	2-Chlorophenol	40	25	ug/L	63				0	0		
	2-Methylphenol	40	24	ug/L	60				0	0		
	2,2-oxybis(1-Chloropropane)	40	20	ug/L	50				0	0		
	Acetophenone	40	23	ug/L	58				0	0		
	4-Methylphenol	40	24	ug/L	60				0	0		
	N-Nitroso-di-n-propylamine	40	21	ug/L	52				0	0		
	Hexachloroethane	40	25	ug/L	63				0	0		
	Nitrobenzene	40	26	ug/L	65				0	0		
	Isophorone	40	22	ug/L	55				0	0		
	2-Nitrophenol	40	27	ug/L	68				0	0		
	2,4-Dimethylphenol	40	22	ug/L	55				0	0		
	Bis(2-chloroethoxy)methane	40	21	ug/L	52				0	0		
	2,4-Dichlorophenol	40	28	ug/L	70				0	0		
	Naphthalene	40	25	ug/L	63				0	0		
	4-Chloroaniline	40	22	ug/L	55				0	0		
	Hexachlorobutadiene	40	27	ug/L	68				0	0		
	Caprolactam	40	29	ug/L	73				0	0		
	4-Chloro-3-methylphenol	40	30	ug/L	75				0	0		
	1-Methylnaphthalene	40	26	ug/L	65				0	0		
	2-Methylnaphthalene	40	27	ug/L	68				0	0		
	Hexachlorocyclopentadiene	40	13	ug/L	33				0	0		
	2,4,6-Trichlorophenol	40	25	ug/L	63				0	0		
	2,4,5-Trichlorophenol	40	26	ug/L	65				0	0		
	1,1'-Biphenyl	40	24	ug/L	60				0	0		
	2-Chloronaphthalene	40	24	ug/L	60				0	0		
	2-Nitroaniline	40	31	ug/L	78				0	0		
	Dimethylphthalate	40	25	ug/L	63				0	0		
	2,6-Dinitrotoluene	40	30	ug/L	75				0	0		
	Acenaphthylene	40	26	ug/L	65				0	0		
	3-Nitroaniline	40	30	ug/L	75				0	0		
	Acenaphthene	40	26	ug/L	65				0	0		
	2,4-Dinitrophenol	40	25	ug/L	63				0	0		
	4-Nitrophenol	40	33	ug/L	83				0	0		
	Dibenzofuran	40	26	ug/L	65				0	0		
	2,4-Dinitrotoluene	40	33	ug/L	83				0	0		
	Diethylphthalate	40	26	ug/L	65				0	0		
	Fluorene	40	27	ug/L	68				0	0		
	4-Chlorophenyl-phenylether	40	27	ug/L	68				0	0		
	4-Nitroaniline	40	32	ug/L	80				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG071224

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161909BS	4,6-Dinitro-2-methylphenol	40	29	ug/L	73				0	0	
	N-Nitrosodiphenylamine	40	26	ug/L	65				0	0	
	1,2,4,5-Tetrachlorobenzene	40	26	ug/L	65				0	0	
	4-Bromophenyl-phenylether	40	27	ug/L	68				0	0	
	Hexachlorobenzene	40	29	ug/L	73				0	0	
	Atrazine	40	5.4	ug/L	14				0	0	
	Pentachlorophenol	40	15	ug/L	38				0	0	
	Phenanthrene	40	26	ug/L	65				0	0	
	Pentachlorobenzene	40	27	ug/L	68				0	0	
	Anthracene	40	25	ug/L	63				0	0	
	1,2,3,4-Tetrachlorobenzene	40	25	ug/L	63				0	0	
	Carbazole	40	27	ug/L	68				0	0	
	Di-n-butylphthalate	40	26	ug/L	65				0	0	
	Fluoranthene	40	25	ug/L	63				0	0	
	Pyrene	40	25	ug/L	63				0	0	
	Butylbenzylphthalate	40	25	ug/L	63				0	0	
	3,3'-Dichlorobenzidine	40	27	ug/L	68				0	0	
	Benzo(a)anthracene	40	26	ug/L	65				0	0	
	Chrysene	40	26	ug/L	65				0	0	
	Bis(2-ethylhexyl)phthalate	40	25	ug/L	63				0	0	
	Di-n-octylphthalate	40	26	ug/L	65				0	0	
	Benzo(b)fluoranthene	40	27	ug/L	68				0	0	
	Benzo(k)fluoranthene	40	27	ug/L	68				0	0	
	Benzo(a)pyrene	40	25	ug/L	63				0	0	
	Indeno(1,2,3-cd)pyrene	40	27	ug/L	68				0	0	
	Dibenzo(a,h)anthracene	40	28	ug/L	70				0	0	
	Benzo(g,h,i)perylene	40	27	ug/L	68				0	0	
	2,3,4,6-Tetrachlorophenol	40	24	ug/L	60				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG071224

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161910BS	1,4-Dioxane	16	11	ug/L	69				0	0		
	Benzaldehyde	40	27	ug/L	68				0	0		
	Pyridine	40	29	ug/L	73				0	0		
	Phenol	40	28	ug/L	70				0	0		
	Bis(2-chloroethyl)ether	40	24	ug/L	60				0	0		
	2-Chlorophenol	40	28	ug/L	70				0	0		
	2-Methylphenol	40	28	ug/L	70				0	0		
	2,2-oxybis(1-Chloropropane)	40	22	ug/L	55				0	0		
	Acetophenone	40	27	ug/L	68				0	0		
	4-Methylphenol	40	27	ug/L	68				0	0		
	N-Nitroso-di-n-propylamine	40	26	ug/L	65				0	0		
	Hexachloroethane	40	29	ug/L	73				0	0		
	Nitrobenzene	40	29	ug/L	73				0	0		
	Isophorone	40	26	ug/L	65				0	0		
	2-Nitrophenol	40	30	ug/L	75				0	0		
	2,4-Dimethylphenol	40	22	ug/L	55				0	0		
	Bis(2-chloroethoxy)methane	40	24	ug/L	60				0	0		
	2,4-Dichlorophenol	40	32	ug/L	80				0	0		
	Naphthalene	40	28	ug/L	70				0	0		
	4-Chloroaniline	40	25	ug/L	63				0	0		
	Hexachlorobutadiene	40	30	ug/L	75				0	0		
	Caprolactam	40	32	ug/L	80				0	0		
	4-Chloro-3-methylphenol	40	34	ug/L	85				0	0		
	1-Methylnaphthalene	40	29	ug/L	73				0	0		
	2-Methylnaphthalene	40	29	ug/L	73				0	0		
	Hexachlorocyclopentadiene	40	13	ug/L	33				0	0		
	2,4,6-Trichlorophenol	40	27	ug/L	68				0	0		
	2,4,5-Trichlorophenol	40	29	ug/L	73				0	0		
	1,1'-Biphenyl	40	27	ug/L	68				0	0		
	2-Chloronaphthalene	40	27	ug/L	68				0	0		
	2-Nitroaniline	40	34	ug/L	85				0	0		
	Dimethylphthalate	40	28	ug/L	70				0	0		
	2,6-Dinitrotoluene	40	34	ug/L	85				0	0		
	Acenaphthylene	40	28	ug/L	70				0	0		
	3-Nitroaniline	40	33	ug/L	83				0	0		
	Acenaphthene	40	28	ug/L	70				0	0		
	2,4-Dinitrophenol	40	27	ug/L	68				0	0		
	4-Nitrophenol	40	36	ug/L	90				0	0		
	Dibenzofuran	40	29	ug/L	73				0	0		
	2,4-Dinitrotoluene	40	36	ug/L	90				0	0		
	Diethylphthalate	40	29	ug/L	73				0	0		
	Fluorene	40	29	ug/L	73				0	0		
	4-Chlorophenyl-phenylether	40	30	ug/L	75				0	0		
	4-Nitroaniline	40	36	ug/L	90				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG071224

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161910BS	4,6-Dinitro-2-methylphenol	40	32	ug/L	80				0	0		
	N-Nitrosodiphenylamine	40	29	ug/L	73				0	0		
	1,2,4,5-Tetrachlorobenzene	40	28	ug/L	70				0	0		
	4-Bromophenyl-phenylether	40	28	ug/L	70				0	0		
	Hexachlorobenzene	40	30	ug/L	75				0	0		
	Atrazine	40	6	ug/L	15				0	0		
	Pentachlorophenol	40	15	ug/L	38				0	0		
	Phenanthrene	40	28	ug/L	70				0	0		
	Pentachlorobenzene	40	28	ug/L	70				0	0		
	Anthracene	40	27	ug/L	68				0	0		
	1,2,3,4-Tetrachlorobenzene	40	27	ug/L	68				0	0		
	Carbazole	40	30	ug/L	75				0	0		
	Di-n-butylphthalate	40	28	ug/L	70				0	0		
	Fluoranthene	40	27	ug/L	68				0	0		
	Pyrene	40	27	ug/L	68				0	0		
	Butylbenzylphthalate	40	27	ug/L	68				0	0		
	3,3'-Dichlorobenzidine	40	29	ug/L	73				0	0		
	Benzo(a)anthracene	40	28	ug/L	70				0	0		
	Chrysene	40	28	ug/L	70				0	0		
	Bis(2-ethylhexyl)phthalate	40	27	ug/L	68				0	0		
	Di-n-octylphthalate	40	28	ug/L	70				0	0		
	Benzo(b)fluoranthene	40	29	ug/L	73				0	0		
	Benzo(k)fluoranthene	40	29	ug/L	73				0	0		
	Benzo(a)pyrene	40	27	ug/L	68				0	0		
	Indeno(1,2,3-cd)pyrene	40	29	ug/L	73				0	0		
	Dibenzo(a,h)anthracene	40	28	ug/L	70				0	0		
	Benzo(g,h,i)perylene	40	28	ug/L	70				0	0		
	2,3,4,6-Tetrachlorophenol	40	26	ug/L	65				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK903

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG071224

SAS No.: BG071224 SDG NO.: BG071224

Lab File ID: BG062046.D

Lab Sample ID: PB161903BL

Instrument ID: BNA_G

Date Extracted: 07/01/2024

Matrix: (soil/water) Water

Date Analyzed: 07/12/2024

Level: (low/med) LOW

Time Analyzed: 18:39

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161903BS	PB161903BS	BG062062.D	07/13/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK905

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG071224

SAS No.: BG071224 SDG NO.: BG071224

Lab File ID: BG062060.D

Lab Sample ID: PB161905BL

Instrument ID: BNA_G

Date Extracted: 07/01/2024

Matrix: (soil/water) Water

Date Analyzed: 07/13/2024

Level: (low/med) LOW

Time Analyzed: 04:54

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161905BS	PB161905BS	BG062064.D	07/13/2024
YDZH2	P3137-05	BG062048.D	07/12/2024
YDZH3	P3137-06	BG062049.D	07/12/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK909

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG071224

SAS No.: BG071224 SDG NO.: BG071224

Lab File ID: BG062047.D

Lab Sample ID: PB161909BL

Instrument ID: BNA_G

Date Extracted: 07/03/2024

Matrix: (soil/water) Water

Date Analyzed: 07/12/2024

Level: (low/med) LOW

Time Analyzed: 19:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161909BS	PB161909BS	BG062065.D	07/13/2024
YDZE4	P3137-11	BG062050.D	07/12/2024
YDZF4	P3137-12	BG062051.D	07/12/2024
YDZH1	P3137-13	BG062052.D	07/12/2024
YDZK4	P3137-14	BG062053.D	07/12/2024
YDZE5	P3137-16	BG062054.D	07/13/2024
YDZG6	P3137-17	BG062055.D	07/13/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK910

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG071224

SAS No.: BG071224 SDG NO.: BG071224

Lab File ID: BG062061.D

Lab Sample ID: PB161910BL

Instrument ID: BNA_G

Date Extracted: 07/03/2024

Matrix: (soil/water) Water

Date Analyzed: 07/13/2024

Level: (low/med) LOW

Time Analyzed: 05:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161910BS	PB161910BS	BG062063.D	07/13/2024
YDZE3	P3137-21	BG062056.D	07/13/2024
YDZG7	P3137-18	BG062057.D	07/13/2024
YDZG9	P3137-19	BG062058.D	07/13/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BG071224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161903BL	PB161903BL	BG062046.D	1,4-Dioxane-d8	8	5.14	64		15	120
			Pyridine-d5	40	20.62	52		20	120
			Phenol-d5	40	21.90	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.90	52		25	120
			2-Chlorophenol-d4	40	22.54	56		20	130
			4-Methylphenol-d8	40	21.09	53		25	125
			Nitrobenzene-d5	40	26.33	66		20	125
			2-Nitrophenol-d4	40	28.21	71		20	130
			2,4-Dichlorophenol-d3	40	26.40	66		20	120
			4-Chloroaniline-d4	40	21.23	53		1	146
			Dimethylphthalate-d6	40	25.93	65		25	130
			Acenaphthylene-d8	40	25.84	65		10	130
			4-Nitrophenol-d4	40	28.40	71		10	150
			Fluorene-d10	40	27.11	68		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.85	65		10	130
			Anthracene-d10	40	25.56	64		25	130
			Pyrene-d10	40	26.14	65		15	130
			Benzo(a)pyrene-d12	40	26.95	67		20	130
PB161903BS	PB161903BS	BG062062.D	1,4-Dioxane-d8	8	6.71	84		15	120
			Pyridine-d5	40	27.79	69		20	120
			Phenol-d5	40	28.14	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.64	59		25	120
			2-Chlorophenol-d4	40	27.42	69		20	130
			4-Methylphenol-d8	40	27.57	69		25	125
			Nitrobenzene-d5	40	28.51	71		20	125
			2-Nitrophenol-d4	40	29.92	75		20	130
			2,4-Dichlorophenol-d3	40	32.11	80		20	120
			4-Chloroaniline-d4	40	24.34	61		1	146
			Dimethylphthalate-d6	40	28.94	72		25	130
			Acenaphthylene-d8	40	29.02	73		10	130
			4-Nitrophenol-d4	40	28.87	72		10	150
			Fluorene-d10	40	30.36	76		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.89	80		10	130
			Anthracene-d10	40	28.00	70		25	130
			Pyrene-d10	40	28.35	71		15	130
			Benzo(a)pyrene-d12	40	29.92	75		20	130

Surrogate Summary

SW-846

SDG No.: BG071224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3137-05	YDZH2	BG062048.D	1,4-Dioxane-d8	8	5.26	66		15	120
			Pyridine-d5	40	10.13	25		20	120
			Phenol-d5	40	9.32	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.86	65		25	120
			2-Chlorophenol-d4	40	27.22	68		20	130
			4-Methylphenol-d8	40	21.84	55		25	125
			Nitrobenzene-d5	40	33.79	84		20	125
			2-Nitrophenol-d4	40	35.62	89		20	130
			2,4-Dichlorophenol-d3	40	34.79	87		20	120
			4-Chloroaniline-d4	40	29.28	73		1	146
			Dimethylphthalate-d6	40	37.91	95		25	130
			Acenaphthylene-d8	40	35.83	90		10	130
			4-Nitrophenol-d4	40	9.72	24		10	150
			Fluorene-d10	40	38.94	97		25	125
			4,6-Dinitro-2-methylphenol-d2	40	47.10	118		10	130
			Anthracene-d10	40	42.13	105		25	130
			Pyrene-d10	40	39.91	100		15	130
			Benzo(a)pyrene-d12	40	41.91	105		20	130
P3137-06	YDZH3	BG062049.D	1,4-Dioxane-d8	8	5.15	64		15	120
			Pyridine-d5	40	8.30	21		20	120
			Phenol-d5	40	7.67	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.57	69		25	120
			2-Chlorophenol-d4	40	26.79	67		20	130
			4-Methylphenol-d8	40	18.21	46		25	125
			Nitrobenzene-d5	40	35.04	88		20	125
			2-Nitrophenol-d4	40	37.84	95		20	130
			2,4-Dichlorophenol-d3	40	33.17	83		20	120
			4-Chloroaniline-d4	40	25.97	65		1	146
			Dimethylphthalate-d6	40	34.53	86		25	130
			Acenaphthylene-d8	40	33.01	83		10	130
			4-Nitrophenol-d4	40	10.72	27		10	150
			Fluorene-d10	40	36.07	90		25	125
			4,6-Dinitro-2-methylphenol-d2	40	44.27	111		10	130
			Anthracene-d10	40	39.49	99		25	130
			Pyrene-d10	40	39.89	100		15	130
			Benzo(a)pyrene-d12	40	42.66	107		20	130
PB161905BL	PB161905BL	BG062060.D	1,4-Dioxane-d8	8	7.20	90		15	120
			Pyridine-d5	40	32.31	81		20	120
			Phenol-d5	40	32.00	80		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.84	67		25	120
			2-Chlorophenol-d4	40	30.85	77		20	130
			4-Methylphenol-d8	40	30.50	76		25	125
			Nitrobenzene-d5	40	33.49	84		20	125
			2-Nitrophenol-d4	40	34.83	87		20	130
			2,4-Dichlorophenol-d3	40	35.51	89		20	120
			4-Chloroaniline-d4	40	27.60	69		1	146
			Dimethylphthalate-d6	40	31.97	80		25	130
			Acenaphthylene-d8	40	32.15	80		10	130
			4-Nitrophenol-d4	40	30.73	77		10	150

Surrogate Summary

SW-846

SDG No.: BG071224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161905BL	PB161905BL	BG062060.D	Fluorene-d10	40	33.46	84		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.40	79		10	130
			Anthracene-d10	40	33.07	83		25	130
			Pyrene-d10	40	32.73	82		15	130
			Benzo(a)pyrene-d12	40	33.31	83		20	130
PB161905BS	PB161905BS	BG062064.D	1,4-Dioxane-d8	8	8.90	111		15	120
			Pyridine-d5	40	29.68	74		20	120
			Phenol-d5	40	28.84	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.10	63		25	120
			2-Chlorophenol-d4	40	29.48	74		20	130
			4-Methylphenol-d8	40	29.39	73		25	125
			Nitrobenzene-d5	40	31.41	79		20	125
			2-Nitrophenol-d4	40	33.65	84		20	130
			2,4-Dichlorophenol-d3	40	34.39	86		20	120
			4-Chloroaniline-d4	40	27.08	68		1	146
			Dimethylphthalate-d6	40	30.77	77		25	130
			Acenaphthylene-d8	40	31.33	78		10	130
			4-Nitrophenol-d4	40	31.79	79		10	150
			Fluorene-d10	40	33.00	83		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.52	84		10	130
			Anthracene-d10	40	29.64	74		25	130
			Pyrene-d10	40	30.24	76		15	130
			Benzo(a)pyrene-d12	40	31.97	80		20	130

Surrogate Summary

SW-846

SDG No.: BG071224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3137-11	YDZE4	BG062050.D	1,4-Dioxane-d8	8	4.07	51		15	120
			Pyridine-d5	40	6.46	16	*	20	120
			Phenol-d5	40	6.25	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.53	56		25	120
			2-Chlorophenol-d4	40	22.02	55		20	130
			4-Methylphenol-d8	40	14.06	35		25	125
			Nitrobenzene-d5	40	27.91	70		20	125
			2-Nitrophenol-d4	40	29.94	75		20	130
			2,4-Dichlorophenol-d3	40	28.72	72		20	120
			4-Chloroaniline-d4	40	22.22	56		1	146
			Dimethylphthalate-d6	40	31.64	79		25	130
			Acenaphthylene-d8	40	30.58	76		10	130
			4-Nitrophenol-d4	40	8.87	22		10	150
			Fluorene-d10	40	32.59	81		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.33	86		10	130
			Anthracene-d10	40	31.85	80		25	130
			Pyrene-d10	40	31.50	79		15	130
			Benzo(a)pyrene-d12	40	32.93	82		20	130
P3137-12	YDZF4	BG062051.D	1,4-Dioxane-d8	8	4.73	59		15	120
			Pyridine-d5	40	8.64	22		20	120
			Phenol-d5	40	7.63	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.05	73		25	120
			2-Chlorophenol-d4	40	27.42	69		20	130
			4-Methylphenol-d8	40	16.13	40		25	125
			Nitrobenzene-d5	40	33.86	85		20	125
			2-Nitrophenol-d4	40	36.67	92		20	130
			2,4-Dichlorophenol-d3	40	34.78	87		20	120
			4-Chloroaniline-d4	40	16.38	41		1	146
			Dimethylphthalate-d6	40	34.80	87		25	130
			Acenaphthylene-d8	40	34.82	87		10	130
			4-Nitrophenol-d4	40	9.30	23		10	150
			Fluorene-d10	40	35.74	89		25	125
			4,6-Dinitro-2-methylphenol-d2	40	39.60	99		10	130
			Anthracene-d10	40	35.60	89		25	130
			Pyrene-d10	40	36.06	90		15	130
			Benzo(a)pyrene-d12	40	37.26	93		20	130
P3137-13	YDZH1	BG062052.D	1,4-Dioxane-d8	8	3.63	45		15	120
			Pyridine-d5	40	8.02	20		20	120
			Phenol-d5	40	8.52	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.51	56		25	120
			2-Chlorophenol-d4	40	25.97	65		20	130
			4-Methylphenol-d8	40	20.74	52		25	125
			Nitrobenzene-d5	40	30.53	76		20	125
			2-Nitrophenol-d4	40	32.18	80		20	130
			2,4-Dichlorophenol-d3	40	33.44	84		20	120
			4-Chloroaniline-d4	40	27.06	68		1	146
			Dimethylphthalate-d6	40	31.74	79		25	130
			Acenaphthylene-d8	40	31.35	78		10	130
			4-Nitrophenol-d4	40	9.82	25		10	150

Surrogate Summary

SW-846

SDG No.: BG071224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3137-13	YDZH1	BG062052.D	Fluorene-d10	40	33.27	83		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.01	85		10	130
			Anthracene-d10	40	31.43	79		25	130
			Pyrene-d10	40	30.57	76		15	130
			Benzo(a)pyrene-d12	40	32.93	82		20	130
P3137-14	YDZK4	BG062053.D	1,4-Dioxane-d8	8	3.27	41		15	120
			Pyridine-d5	40	9.77	24		20	120
			Phenol-d5	40	8.62	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.64	62		25	120
			2-Chlorophenol-d4	40	26.61	67		20	130
			4-Methylphenol-d8	40	20.99	52		25	125
			Nitrobenzene-d5	40	37.00	93		20	125
			2-Nitrophenol-d4	40	41.40	103		20	130
			2,4-Dichlorophenol-d3	40	42.35	106		20	120
			4-Chloroaniline-d4	40	12.16	30		1	146
			Dimethylphthalate-d6	40	33.76	84		25	130
			Acenaphthylene-d8	40	33.80	84		10	130
			4-Nitrophenol-d4	40	10.56	26		10	150
			Fluorene-d10	40	34.85	87		25	125
			4,6-Dinitro-2-methylphenol-d2	40	39.21	98		10	130
			Anthracene-d10	40	33.45	84		25	130
			Pyrene-d10	40	30.32	76		15	130
			Benzo(a)pyrene-d12	40	33.27	83		20	130
P3137-16	YDZE5	BG062054.D	1,4-Dioxane-d8	8	4.75	59		15	120
			Pyridine-d5	40	12.44	31		20	120
			Phenol-d5	40	19.53	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.53	86		25	120
			2-Chlorophenol-d4	40	41.30	103		20	130
			4-Methylphenol-d8	40	32.58	81		25	125
			Nitrobenzene-d5	40	34.76	87		20	125
			2-Nitrophenol-d4	40	39.33	98		20	130
			2,4-Dichlorophenol-d3	40	44.21	111		20	120
			4-Chloroaniline-d4	40	27.48	69		1	146
			Dimethylphthalate-d6	40	41.64	104		25	130
			Acenaphthylene-d8	40	39.47	99		10	130
			4-Nitrophenol-d4	40	13.08	33		10	150
			Fluorene-d10	40	41.85	105		25	125
			4,6-Dinitro-2-methylphenol-d2	40	41.51	104		10	130
			Anthracene-d10	40	41.41	104		25	130
			Pyrene-d10	40	41.40	104		15	130
			Benzo(a)pyrene-d12	40	43.25	108		20	130
P3137-17	YDZG6	BG062055.D	1,4-Dioxane-d8	8	2.90	36		15	120
			Pyridine-d5	40	7.70	19	*	20	120
			Phenol-d5	40	11.21	28		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.80	50		25	120
			2-Chlorophenol-d4	40	24.55	61		20	130
			4-Methylphenol-d8	40	19.60	49		25	125
			Nitrobenzene-d5	40	25.01	63		20	125
			2-Nitrophenol-d4	40	26.04	65		20	130

Surrogate Summary

SW-846

SDG No.: BG071224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3137-17	YDZG6	BG062055.D	2,4-Dichlorophenol-d3	40	30.87	77		20	120
			4-Chloroaniline-d4	40	18.19	45		1	146
			Dimethylphthalate-d6	40	27.32	68		25	130
			Acenaphthylene-d8	40	27.11	68		10	130
			4-Nitrophenol-d4	40	7.33	18		10	150
			Fluorene-d10	40	27.79	69		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.06	68		10	130
			Anthracene-d10	40	26.32	66		25	130
			Pyrene-d10	40	25.53	64		15	130
			Benzo(a)pyrene-d12	40	26.51	66		20	130
			Pyridine-d5	40	20.84	52		20	120
			1,4-Dioxane-d8	8	5.18	65		15	120
			Phenol-d5	40	18.74	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.13	45		25	120
PB161909BL	PB161909BL	BG062047.D	2-Chlorophenol-d4	40	19.54	49		20	130
			4-Methylphenol-d8	40	21.87	55		25	125
			Nitrobenzene-d5	40	26.83	67		20	125
			2-Nitrophenol-d4	40	29.74	74		20	130
			2,4-Dichlorophenol-d3	40	26.58	66		20	120
			4-Chloroaniline-d4	40	22.24	56		1	146
			Dimethylphthalate-d6	40	27.23	68		25	130
			Acenaphthylene-d8	40	26.74	67		10	130
			4-Nitrophenol-d4	40	31.23	78		10	150
			Fluorene-d10	40	28.21	71		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.75	69		10	130
			Anthracene-d10	40	27.52	69		25	130
			Pyrene-d10	40	26.93	67		15	130
			Benzo(a)pyrene-d12	40	27.87	70		20	130
PB161909BS	PB161909BS	BG062065.D	1,4-Dioxane-d8	8	6.33	79		15	120
			Pyridine-d5	40	24.09	60		20	120
			Phenol-d5	40	24.43	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.35	51		25	120
			2-Chlorophenol-d4	40	22.89	57		20	130
			4-Methylphenol-d8	40	23.98	60		25	125
			Nitrobenzene-d5	40	26.54	66		20	125
			2-Nitrophenol-d4	40	28.65	72		20	130
			2,4-Dichlorophenol-d3	40	28.46	71		20	120
			4-Chloroaniline-d4	40	21.71	54		1	146
			Dimethylphthalate-d6	40	26.03	65		25	130
			Acenaphthylene-d8	40	26.60	67		10	130
			4-Nitrophenol-d4	40	27.61	69		10	150
			Fluorene-d10	40	27.54	69		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.47	74		10	130
			Anthracene-d10	40	25.42	64		25	130
			Pyrene-d10	40	25.00	62		15	130
			Benzo(a)pyrene-d12	40	28.01	70		20	130

Surrogate Summary

SW-846

SDG No.: BG071224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3137-18	YDZG7	BG062057.D	1,4-Dioxane-d8	8	4.57	57		15	120
			Pyridine-d5	40	9.27	23		20	120
			Phenol-d5	40	3.26	8	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	23.64	59		25	120
			2-Chlorophenol-d4	40	30.88	77		20	130
			4-Methylphenol-d8	40	24.86	62		25	125
			Nitrobenzene-d5	40	33.82	85		20	125
			2-Nitrophenol-d4	40	34.57	86		20	130
			2,4-Dichlorophenol-d3	40	40.95	102		20	120
			4-Chloroaniline-d4	40	25.12	63		1	146
			Dimethylphthalate-d6	40	36.12	90		25	130
			Acenaphthylene-d8	40	36.18	90		10	130
			4-Nitrophenol-d4	40	12.05	30		10	150
			Fluorene-d10	40	37.13	93		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.04	90		10	130
			Anthracene-d10	40	35.81	90		25	130
			Pyrene-d10	40	34.25	86		15	130
			Benzo(a)pyrene-d12	40	34.99	87		20	130
P3137-19	YDZG9	BG062058.D	1,4-Dioxane-d8	8	5.97	75		15	120
			Pyridine-d5	40	10.12	25		20	120
			Phenol-d5	40	11.84	30		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.64	59		25	120
			2-Chlorophenol-d4	40	25.49	64		20	130
			4-Methylphenol-d8	40	23.03	58		25	125
			Nitrobenzene-d5	40	29.42	74		20	125
			2-Nitrophenol-d4	40	30.66	77		20	130
			2,4-Dichlorophenol-d3	40	30.99	77		20	120
			4-Chloroaniline-d4	40	13.99	35		1	146
			Dimethylphthalate-d6	40	31.97	80		25	130
			Acenaphthylene-d8	40	31.10	78		10	130
			4-Nitrophenol-d4	40	10.66	27		10	150
			Fluorene-d10	40	32.90	82		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.51	74		10	130
			Anthracene-d10	40	31.94	80		25	130
			Pyrene-d10	40	31.88	80		15	130
			Benzo(a)pyrene-d12	40	33.09	83		20	130
P3137-21	YDZE3	BG062056.D	Pyridine-d5	40	13.86	35		20	120
			1,4-Dioxane-d8	8	3.11	39		15	120
			Phenol-d5	40	11.18	28		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.93	50		25	120
			2-Chlorophenol-d4	40	24.96	62		20	130
			4-Methylphenol-d8	40	19.07	48		25	125
			Nitrobenzene-d5	40	25.89	65		20	125
			2-Nitrophenol-d4	40	27.97	70		20	130
			2,4-Dichlorophenol-d3	40	29.89	75		20	120
			4-Chloroaniline-d4	40	23.56	59		1	146
			Dimethylphthalate-d6	40	28.15	70		25	130
			Acenaphthylene-d8	40	27.48	69		10	130
			4-Nitrophenol-d4	40	4.22	11		10	150

Surrogate Summary

SW-846

SDG No.: BG071224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3137-21	YDZE3	BG062056.D	Fluorene-d10	40	28.68	72		25	125
			4,6-Dinitro-2-methylphenol-d2	40	7.29	18		10	130
			Anthracene-d10	40	28.47	71		25	130
			Pyrene-d10	40	28.17	70		15	130
			Benzo(a)pyrene-d12	40	29.12	73		20	130
PB161910BL	PB161910BL	BG062061.D	1,4-Dioxane-d8	8	8.74	109		15	120
			Pyridine-d5	40	36.59	91		20	120
			Phenol-d5	40	39.07	98		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.31	73		25	120
			2-Chlorophenol-d4	40	33.12	83		20	130
			4-Methylphenol-d8	40	34.75	87		25	125
			Nitrobenzene-d5	40	35.90	90		20	125
			2-Nitrophenol-d4	40	37.82	95		20	130
			2,4-Dichlorophenol-d3	40	38.96	97		20	120
			4-Chloroaniline-d4	40	30.75	77		1	146
			Dimethylphthalate-d6	40	36.34	91		25	130
			Acenaphthylene-d8	40	35.58	89		10	130
			4-Nitrophenol-d4	40	36.36	91		10	150
			Fluorene-d10	40	38.88	97		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.02	80		10	130
			Anthracene-d10	40	36.32	91		25	130
			Pyrene-d10	40	34.73	87		15	130
			Benzo(a)pyrene-d12	40	36.20	90		20	130
			1,4-Dioxane-d8	8	6.08	76		15	120
			Pyridine-d5	40	27.99	70		20	120
			Phenol-d5	40	27.30	68		10	130
PB161910BS	PB161910BS	BG062063.D	Bis(2-Chloroethyl)ether-d8	40	24.32	61		25	120
			2-Chlorophenol-d4	40	27.32	68		20	130
			4-Methylphenol-d8	40	26.87	67		25	125
			Nitrobenzene-d5	40	28.96	72		20	125
			2-Nitrophenol-d4	40	31.55	79		20	130
			2,4-Dichlorophenol-d3	40	31.30	78		20	120
			4-Chloroaniline-d4	40	24.82	62		1	146
			Dimethylphthalate-d6	40	28.67	72		25	130
			Acenaphthylene-d8	40	29.51	74		10	130
			4-Nitrophenol-d4	40	29.18	73		10	150
			Fluorene-d10	40	30.52	76		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.82	80		10	130
			Anthracene-d10	40	27.26	68		25	130
			Pyrene-d10	40	27.66	69		15	130
			Benzo(a)pyrene-d12	40	29.88	75		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG071224

Lab Code: CHEM

SAS No.: BG071224

SDG NO.: BG071224

Lab File ID: BG062044.D

DFTPP Injection Date: 07/12/2024

Instrument ID: BNA_G

DFTPP Injection Time: 17:14

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	55.4
68	Less than 2.0% of mass 69	0.8 (1.8) 1
69	Mass 69 relative abundance	43.6
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	47.1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.1
275	10.0 - 60.0% of mass 198	31.9
365	Greater than 1% of mass 198	6.6
441	Present, but less than mass 443	15.8
442	Greater than 50% of mass 198	97.9
443	15.0 - 24.0% of mass 442	18.9 (19.3) 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
SSTD020570	SSTDCCC020	BG062045.D	07/12/2024	17:58
SBLK903	PB161903BL	BG062046.D	07/12/2024	18:39
SBLK909	PB161909BL	BG062047.D	07/12/2024	19:20
YDZH2	P3137-05	BG062048.D	07/12/2024	20:01
YDZH3	P3137-06	BG062049.D	07/12/2024	20:42
YDZE4	P3137-11	BG062050.D	07/12/2024	21:24
YDZF4	P3137-12	BG062051.D	07/12/2024	22:05
YDZH1	P3137-13	BG062052.D	07/12/2024	22:46
YDZK4	P3137-14	BG062053.D	07/12/2024	23:27
YDZE5	P3137-16	BG062054.D	07/13/2024	00:07
YDZG6	P3137-17	BG062055.D	07/13/2024	00:48
YDZE3	P3137-21	BG062056.D	07/13/2024	01:29
YDZG7	P3137-18	BG062057.D	07/13/2024	02:11
YDZG9	P3137-19	BG062058.D	07/13/2024	02:52
SSTD020571	SSTDCCC020	BG062059.D	07/13/2024	04:14
SBLK905	PB161905BL	BG062060.D	07/13/2024	04:54
SBLK910	PB161910BL	BG062061.D	07/13/2024	05:35
SLCS903	PB161903BS	BG062062.D	07/13/2024	06:16

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG071224

Lab Code: CHEM

SAS No.: BG071224

SDG NO.: BG071224

Lab File ID: BG062044.D

DFTPP Injection Date: 07/12/2024

Instrument ID: BNA_G

DFTPP Injection Time: 17:14

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	55.4
68	Less than 2.0% of mass 69	0.8 (1.8) 1
69	Mass 69 relative abundance	43.6
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	47.1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.1
275	10.0 - 60.0% of mass 198	31.9
365	Greater than 1% of mass 198	6.6
441	Present, but less than mass 443	15.8
442	Greater than 50% of mass 198	97.9
443	15.0 - 24.0% of mass 442	18.9 (19.3) 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
SLCS910	PB161910BS	BG062063.D	07/13/2024	06:57
SLCS905	PB161905BS	BG062064.D	07/13/2024	07:38
SLCS909	PB161909BS	BG062065.D	07/13/2024	08:18
SSTD020570	SSTDCCC020EC	BG062066.D	07/13/2024	09:39