

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG091324 SAS No.: BG091324 SDG No.: BG091324

Instrument ID: BNA_G Calibration Date/Time: 9/13/2024 1:10:22

Lab File ID: BG062781.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020485 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.496	0.529	0.010	6.6149	40.0
Benzaldehyde	0.964	1.098	0.010	13.876	40.0
Pyridine	1.477	1.335	0.010	-9.6129	40.0
Phenol	1.823	1.673	0.080	-8.2275	20.0
Bis(2-Chloroethyl)ether	1.378	1.285	0.100	-6.7707	20.0
2-Chlorophenol	1.306	1.299	0.200	-0.5097	20.0
2-Methylphenol	1.367	1.270	0.010	-7.1001	20.0
2,2-oxybis(1-Chloropropane)	2.481	2.257	0.010	-9.0226	40.0
Acetophenone	2.375	2.143	0.060	-9.7911	20.0
4-Methylphenol	1.538	1.376	0.010	-10.5177	20.0
N-Nitroso-di-n-propylamine	1.243	1.119	0.050	-9.9973	30.0
Hexachloroethane	0.526	0.519	0.100	-1.3286	20.0
Nitrobenzene	0.387	0.385	0.050	-0.5239	25.0
Isophorone	0.791	0.747	0.050	-5.4656	25.0
2-Nitrophenol	0.172	0.168	0.050	-2.5812	25.0
2,4-Dimethylphenol	0.368	0.371	0.050	0.7597	25.0
Bis(2-Chloroethoxy)methane	0.442	0.420	0.050	-4.9749	20.0
2,4-Dichlorophenol	0.335	0.340	0.060	1.3431	20.0
Naphthalene	1.072	1.052	0.200	-1.9114	20.0
4-Chloroaniline	0.465	0.432	0.010	-7.2176	40.0
Hexachlorobutadiene	0.279	0.291	0.040	4.1981	30.0
Caprolactam	0.124	0.111	0.010	-10.0288	40.0
4-Chloro-3-methylphenol	0.366	0.342	0.040	-6.4956	25.0
1-Methylnaphthalene	0.811	0.781	0.100	-3.7066	20.0
2-Methylnaphthalene	0.791	0.777	0.100	-1.8001	20.0
Hexachlorocyclopentadiene	0.352	0.335	0.010	-4.7637	40.0
2,4,6-Trichlorophenol	0.416	0.413	0.090	-0.7442	25.0
2,4,5-Trichlorophenol	0.447	0.435	0.100	-2.6962	25.0
1,1-Biphenyl	1.406	1.378	0.200	-2.05	20.0
2-Chloronaphthalene	1.144	1.122	0.300	-1.9183	20.0
2-Nitroaniline	0.314	0.296	0.050	-5.569	40.0
Dimethylphthalate	1.586	1.512	0.300	-4.6483	20.0
2,6-Dinitrotoluene	0.279	0.267	0.080	-4.3518	30.0
Acenaphthylene	1.806	1.768	0.400	-2.0783	20.0
3-Nitroaniline	0.280	0.279	0.010	-0.2751	40.0
Acenaphthene	1.279	1.239	0.200	-3.1639	20.0
2,4-Dinitrophenol	0.185	0.135	0.010	-27.0014	40.0
4-Nitrophenol	0.235	0.232	0.010	-1.2557	40.0
Dibenzofuran	1.900	1.834	0.300	-3.4989	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG091324 SAS No.: BG091324 SDG No.: BG091324

Instrument ID: BNA_G Calibration Date/Time: 9/13/2024 1:10:22

Lab File ID: BG062781.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020485 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.437	0.425	0.070	-2.7629	30.0
Diethylphthalate	1.565	1.496	0.300	-4.4146	20.0
Fluorene	1.493	1.449	0.200	-2.9487	20.0
4-Chlorophenyl-phenylether	0.876	0.843	0.100	-3.6913	20.0
4-Nitroaniline	0.301	0.316	0.010	4.9032	40.0
4,6-Dinitro-2-methylphenol	0.119	0.100	0.010	-16.0074	40.0
N-Nitrosodiphenylamine	0.513	0.499	0.050	-2.7571	20.0
1,2,4,5-Tetrachlorobenzene	0.688	0.685	0.100	-0.4359	20.0
4-Bromophenyl-phenylether	0.230	0.227	0.070	-1.5574	20.0
Hexachlorobenzene	0.263	0.252	0.050	-4.1286	25.0
Atrazine	0.228	0.233	0.010	1.9943	25.0
Pentachlorophenol	0.157	0.130	0.010	-17.3341	40.0
Phenanthrene	1.040	1.029	0.200	-1.0235	20.0
Pentachlorobenzene	0.303	0.287	0.050	-5.253	20.0
Anthracene	1.060	1.059	0.200	-0.1045	20.0
1,2,3,4-Tetrachlorobenzene	0.273	0.272	0.050	-0.2912	20.0
Carbazole	0.879	0.909	0.050	3.3615	40.0
Di-n-butylphthalate	1.040	1.083	0.500	4.152	25.0
Fluoranthene	1.246	1.253	0.400	0.5586	25.0
Pyrene	1.342	1.344	0.400	0.1647	25.0
Butylbenzylphthalate	0.398	0.424	0.100	6.4077	40.0
3,3-Dichlorobenzidine	0.421	0.459	0.010	8.9109	40.0
Benzo (a) anthracene	1.391	1.374	0.300	-1.2243	30.0
Chrysene	1.320	1.285	0.200	-2.6355	30.0
Bis (2-ethylhexyl) phthalate	0.587	0.612	0.200	4.4141	40.0
Di-n-octyl phthalate	0.930	0.948	0.010	1.8804	40.0
Benzo (b) fluoranthene	1.235	1.213	0.200	-1.7423	25.0
Benzo (k) fluoranthene	1.264	1.238	0.200	-2.1131	25.0
Benzo (a) pyrene	1.165	1.147	0.200	-1.5534	20.0
Indeno (1,2,3-cd) pyrene	1.435	1.444	0.200	0.6151	25.0
Dibenzo (a,h) anthracene	1.153	1.169	0.200	1.4309	30.0
Benzo (g,h,i) perylene	1.108	1.098	0.200	-0.9404	30.0
2,3,4,6-Tetrachlorophenol	0.453	0.435	0.040	-3.9539	20.0
1,4-Dioxane-d8	0.442	0.440	0.010	-0.6492	25.0
Pyridine-d5	1.408	1.252	0.010	-11.1026	40.0
Phenol-d5	1.754	1.642	0.010	-6.366	25.0
Bis- (2-Chloroethyl) ether-d8	1.051	0.983	0.050	-6.5427	25.0
2-Chlorophenol-d4	1.277	1.236	0.200	-3.2677	20.0
4-Methylphenol-d8	1.461	1.315	0.010	-9.9885	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG091324 SAS No.: BG091324 SDG No.: BG091324

Instrument ID: BNA_G Calibration Date/Time: 9/13/2024 1:10:22

Lab File ID: BG062781.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020485 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.143	0.144	0.050	0.4871	20.0
2-Nitrophenol-d4	0.156	0.154	0.050	-1.6007	30.0
2,4-Dichlorophenol-d3	0.340	0.345	0.060	1.2384	20.0
4-Chloroaniline-d4	0.468	0.432	0.010	-7.6093	40.0
Dimethylphthalate-d6	1.540	1.464	0.300	-4.9183	20.0
Acenaphthylene-d8	1.711	1.656	0.400	-3.1636	20.0
4-Nitrophenol-d4	0.262	0.248	0.010	-5.0692	40.0
Fluorene-d10	1.388	1.335	0.100	-3.8236	20.0
4,6-Dinitro-2-methylphenol-d2	0.115	0.095	0.010	-17.1887	40.0
Anthracene-d10	0.944	0.945	0.300	0.1168	20.0
Pyrene-d10	1.125	1.134	0.300	0.7745	25.0
Benzo(a)pyrene-d12	1.056	1.042	0.010	-1.3262	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.: BG091324 SAS No.: BG091324 SDG No.: BG091324

Instrument ID: BNA_G Calibration Date/Time: 9/13/2024 1:15:42

Lab File ID: BG062789.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020486 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.496	0.555	0.010	11.9568	40.0
Benzaldehyde	0.964	1.034	0.010	7.2371	40.0
Pyridine	1.477	1.673	0.010	13.2483	40.0
Phenol	1.823	1.623	0.080	-10.9948	20.0
Bis(2-Chloroethyl)ether	1.378	1.222	0.100	-11.3467	20.0
2-Chlorophenol	1.306	1.251	0.200	-4.2425	20.0
2-Methylphenol	1.367	1.310	0.010	-4.186	20.0
2,2-oxybis(1-Chloropropane)	2.481	2.472	0.010	-0.3525	40.0
Acetophenone	2.375	2.199	0.060	-7.4192	20.0
4-Methylphenol	1.538	1.462	0.010	-4.9419	20.0
N-Nitroso-di-n-propylamine	1.243	1.194	0.050	-3.9368	30.0
Hexachloroethane	0.526	0.514	0.100	-2.3167	20.0
Nitrobenzene	0.387	0.321	0.050	-16.9576	25.0
Isophorone	0.791	0.655	0.050	-17.1536	25.0
2-Nitrophenol	0.172	0.162	0.050	-6.0112	25.0
2,4-Dimethylphenol	0.368	0.328	0.050	-10.839	25.0
Bis(2-Chloroethoxy)methane	0.442	0.410	0.050	-7.1458	20.0
2,4-Dichlorophenol	0.335	0.329	0.060	-1.7922	20.0
Naphthalene	1.072	1.026	0.200	-4.3281	20.0
4-Chloroaniline	0.465	0.433	0.010	-7.0507	40.0
Hexachlorobutadiene	0.279	0.284	0.040	1.5305	30.0
Caprolactam	0.124	0.111	0.010	-10.3558	40.0
4-Chloro-3-methylphenol	0.366	0.359	0.040	-1.735	25.0
1-Methylnaphthalene	0.811	0.773	0.100	-4.6876	20.0
2-Methylnaphthalene	0.791	0.764	0.100	-3.439	20.0
Hexachlorocyclopentadiene	0.352	0.339	0.010	-3.725	40.0
2,4,6-Trichlorophenol	0.416	0.408	0.090	-2.0429	25.0
2,4,5-Trichlorophenol	0.447	0.439	0.100	-1.7284	25.0
1,1-Biphenyl	1.406	1.344	0.200	-4.4385	20.0
2-Chloronaphthalene	1.144	1.096	0.300	-4.1538	20.0
2-Nitroaniline	0.314	0.315	0.050	0.4248	40.0
Dimethylphthalate	1.586	1.500	0.300	-5.4027	20.0
2,6-Dinitrotoluene	0.279	0.283	0.080	1.2733	30.0
Acenaphthylene	1.806	1.744	0.400	-3.414	20.0
3-Nitroaniline	0.280	0.287	0.010	2.4718	40.0
Acenaphthene	1.279	1.214	0.200	-5.095	20.0
2,4-Dinitrophenol	0.185	0.189	0.010	2.2921	40.0
4-Nitrophenol	0.235	0.227	0.010	-3.4626	40.0
Dibenzofuran	1.900	1.814	0.300	-4.5328	20.0

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG091324 SAS No.: BG091324 SDG No.: BG091324

Instrument ID: BNA_G Calibration Date/Time: 9/13/2024 1:15:42

Lab File ID: BG062789.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020486 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.437	0.432	0.070	-1.074	30.0
Diethylphthalate	1.565	1.468	0.300	-6.1692	20.0
Fluorene	1.493	1.459	0.200	-2.2853	20.0
4-Chlorophenyl-phenylether	0.876	0.844	0.100	-3.6553	20.0
4-Nitroaniline	0.301	0.312	0.010	3.5785	40.0
4,6-Dinitro-2-methylphenol	0.119	0.109	0.010	-8.3045	40.0
N-Nitrosodiphenylamine	0.513	0.483	0.050	-5.8373	20.0
1,2,4,5-Tetrachlorobenzene	0.688	0.687	0.100	-0.0485	20.0
4-Bromophenyl-phenylether	0.230	0.217	0.070	-5.616	20.0
Hexachlorobenzene	0.263	0.254	0.050	-3.4443	25.0
Atrazine	0.228	0.220	0.010	-3.7346	25.0
Pentachlorophenol	0.157	0.126	0.010	-20.1448	40.0
Phenanthrene	1.040	0.988	0.200	-5.0079	20.0
Pentachlorobenzene	0.303	0.286	0.050	-5.4639	20.0
Anthracene	1.060	1.011	0.200	-4.6678	20.0
1,2,3,4-Tetrachlorobenzene	0.273	0.264	0.050	-3.4213	20.0
Carbazole	0.879	0.871	0.050	-0.8955	40.0
Di-n-butylphthalate	1.040	1.014	0.500	-2.4973	25.0
Fluoranthene	1.246	1.175	0.400	-5.7297	25.0
Pyrene	1.342	1.271	0.400	-5.283	25.0
Butylbenzylphthalate	0.398	0.407	0.100	2.1523	40.0
3,3-Dichlorobenzidine	0.421	0.437	0.010	3.8328	40.0
Benzo (a) anthracene	1.391	1.342	0.300	-3.5204	30.0
Chrysene	1.320	1.274	0.200	-3.4694	30.0
Bis(2-ethylhexyl)phthalate	0.587	0.603	0.200	2.8027	40.0
Di-n-octyl phthalate	0.930	0.910	0.010	-2.234	40.0
Benzo (b) fluoranthene	1.235	1.183	0.200	-4.1773	25.0
Benzo (k) fluoranthene	1.264	1.171	0.200	-7.3629	25.0
Benzo (a) pyrene	1.165	1.103	0.200	-5.2615	20.0
Indeno (1,2,3-cd) pyrene	1.435	1.382	0.200	-3.6673	25.0
Dibenzo (a,h) anthracene	1.153	1.119	0.200	-2.9024	30.0
Benzo (g,h,i) perylene	1.108	1.055	0.200	-4.8021	30.0
2,3,4,6-Tetrachlorophenol	0.453	0.449	0.040	-0.8845	20.0
1,4-Dioxane-d8	0.442	0.513	0.010	16.0331	25.0
Pyridine-d5	1.408	1.595	0.010	13.22	40.0
Phenol-d5	1.754	1.556	0.010	-11.2838	25.0
Bis- (2-Chloroethyl) ether-d8	1.051	0.939	0.050	-10.7118	25.0
2-Chlorophenol-d4	1.277	1.219	0.200	-4.6117	20.0
4-Methylphenol-d8	1.461	1.497	0.010	2.4319	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG091324 SAS No.: BG091324 SDG No.: BG091324

Instrument ID: BNA_G Calibration Date/Time: 9/13/2024 1:15:42

Lab File ID: BG062789.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020486 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.143	0.123	0.050	-13.6119	20.0
2-Nitrophenol-d4	0.156	0.143	0.050	-8.6261	30.0
2,4-Dichlorophenol-d3	0.340	0.331	0.060	-2.8379	20.0
4-Chloroaniline-d4	0.468	0.432	0.010	-7.6492	40.0
Dimethylphthalate-d6	1.540	1.438	0.300	-6.6011	20.0
Acenaphthylene-d8	1.711	1.654	0.400	-3.2786	20.0
4-Nitrophenol-d4	0.262	0.245	0.010	-6.3314	40.0
Fluorene-d10	1.388	1.339	0.100	-3.4932	20.0
4,6-Dinitro-2-methylphenol-d2	0.115	0.110	0.010	-4.6888	40.0
Anthracene-d10	0.944	0.906	0.300	-4.0548	20.0
Pyrene-d10	1.125	1.062	0.300	-5.6172	25.0
Benzo(a)pyrene-d12	1.056	1.003	0.010	-5.0126	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.: BG091324 SAS No.: BG091324 SDG No.: BG091324

Instrument ID: BNA_G Calibration Date/Time: 9/14/2024 1:00:53

Lab File ID: BG062802.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020487 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.496	0.461	0.010	-7.125	50.0
Benzaldehyde	0.964	0.999	0.010	3.5952	50.0
Pyridine	1.477	1.401	0.010	-5.1814	50.0
Phenol	1.823	1.574	0.080	-13.6721	50.0
Bis(2-Chloroethyl)ether	1.378	1.146	0.100	-16.8681	50.0
2-Chlorophenol	1.306	1.234	0.200	-5.4993	50.0
2-Methylphenol	1.367	1.330	0.010	-2.7107	50.0
2,2-oxybis(1-Chloropropane)	2.481	2.150	0.010	-13.3236	50.0
Acetophenone	2.375	2.257	0.060	-4.9939	50.0
4-Methylphenol	1.538	1.501	0.010	-2.4166	50.0
N-Nitroso-di-n-propylamine	1.243	1.179	0.050	-5.1917	50.0
Hexachloroethane	0.526	0.553	0.100	5.1293	50.0
Nitrobenzene	0.387	0.363	0.050	-6.047	50.0
Isophorone	0.791	0.719	0.050	-9.1089	50.0
2-Nitrophenol	0.172	0.180	0.050	4.4124	50.0
2,4-Dimethylphenol	0.368	0.362	0.050	-1.6995	50.0
Bis(2-Chloroethoxy)methane	0.442	0.400	0.050	-9.495	50.0
2,4-Dichlorophenol	0.335	0.342	0.060	1.9659	50.0
Naphthalene	1.072	1.019	0.200	-4.9326	50.0
4-Chloroaniline	0.465	0.437	0.010	-6.1167	50.0
Hexachlorobutadiene	0.279	0.300	0.040	7.5331	50.0
Caprolactam	0.124	0.119	0.010	-3.7112	50.0
4-Chloro-3-methylphenol	0.366	0.380	0.040	3.9956	50.0
1-Methylnaphthalene	0.811	0.788	0.100	-2.7499	50.0
2-Methylnaphthalene	0.791	0.782	0.100	-1.1971	50.0
Hexachlorocyclopentadiene	0.352	0.276	0.010	-21.5802	50.0
2,4,6-Trichlorophenol	0.416	0.433	0.090	3.8878	50.0
2,4,5-Trichlorophenol	0.447	0.473	0.100	5.7629	50.0
1,1-Biphenyl	1.406	1.324	0.200	-5.8653	50.0
2-Chloronaphthalene	1.144	1.093	0.300	-4.4467	50.0
2-Nitroaniline	0.314	0.306	0.050	-2.5838	50.0
Dimethylphthalate	1.586	1.446	0.300	-8.8505	50.0
2,6-Dinitrotoluene	0.279	0.280	0.080	0.3354	50.0
Acenaphthylene	1.806	1.695	0.400	-6.132	50.0
3-Nitroaniline	0.280	0.272	0.010	-2.6984	50.0
Acenaphthene	1.279	1.208	0.200	-5.5897	50.0
2,4-Dinitrophenol	0.185	0.115	0.010	-37.4841	50.0
4-Nitrophenol	0.235	0.205	0.010	-12.7204	50.0
Dibenzofuran	1.900	1.797	0.300	-5.4296	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG091324 SAS No.: BG091324 SDG No.: BG091324

Instrument ID: BNA_G Calibration Date/Time: 9/14/2024 1:00:53

Lab File ID: BG062802.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020487 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.437	0.432	0.070	-1.0933	50.0
Diethylphthalate	1.565	1.424	0.300	-8.9827	50.0
Fluorene	1.493	1.396	0.200	-6.4538	50.0
4-Chlorophenyl-phenylether	0.876	0.843	0.100	-3.7069	50.0
4-Nitroaniline	0.301	0.290	0.010	-3.6064	50.0
4,6-Dinitro-2-methylphenol	0.119	0.088	0.010	-26.0825	50.0
N-Nitrosodiphenylamine	0.513	0.497	0.050	-3.0184	50.0
1,2,4,5-Tetrachlorobenzene	0.688	0.687	0.100	-0.0947	50.0
4-Bromophenyl-phenylether	0.230	0.230	0.070	-0.0533	50.0
Hexachlorobenzene	0.263	0.265	0.050	0.8269	50.0
Atrazine	0.228	0.231	0.010	1.0644	50.0
Pentachlorophenol	0.157	0.111	0.010	-29.3474	50.0
Phenanthrene	1.040	0.986	0.200	-5.2133	50.0
Pentachlorobenzene	0.303	0.303	0.050	0.0979	50.0
Anthracene	1.060	0.992	0.200	-6.4185	50.0
1,2,3,4-Tetrachlorobenzene	0.273	0.281	0.050	2.7067	50.0
Carbazole	0.879	0.828	0.050	-5.8614	50.0
Di-n-butylphthalate	1.040	0.989	0.500	-4.9176	50.0
Fluoranthene	1.246	1.270	0.400	1.9221	50.0
Pyrene	1.342	1.328	0.400	-1.0153	50.0
Butylbenzylphthalate	0.398	0.448	0.100	12.5659	50.0
3,3-Dichlorobenzidine	0.421	0.462	0.010	9.6641	50.0
Benzo (a) anthracene	1.391	1.362	0.300	-2.1054	50.0
Chrysene	1.320	1.274	0.200	-3.4309	50.0
Bis (2-ethylhexyl) phthalate	0.587	0.645	0.200	9.9041	50.0
Di-n-octyl phthalate	0.930	0.979	0.010	5.2608	50.0
Benzo (b) fluoranthene	1.235	1.185	0.200	-4.0032	50.0
Benzo (k) fluoranthene	1.264	1.142	0.200	-9.6934	50.0
Benzo (a) pyrene	1.165	1.077	0.200	-7.531	50.0
Indeno (1,2,3-cd) pyrene	1.435	1.434	0.200	-0.0427	50.0
Dibenzo (a,h) anthracene	1.153	1.164	0.200	0.9682	50.0
Benzo (g,h,i) perylene	1.108	1.098	0.200	-0.9373	50.0
2,3,4,6-Tetrachlorophenol	0.453	0.459	0.040	1.3408	50.0
1,4-Dioxane-d8	0.442	0.375	0.010	-15.2014	50.0
Pyridine-d5	1.408	1.304	0.010	-7.4369	50.0
Phenol-d5	1.754	1.521	0.010	-13.2736	50.0
Bis- (2-Chloroethyl) ether-d8	1.051	0.890	0.050	-15.4033	50.0
2-Chlorophenol-d4	1.277	1.203	0.200	-5.8294	50.0
4-Methylphenol-d8	1.461	1.390	0.010	-4.8707	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG091324 SAS No.: BG091324 SDG No.: BG091324

Instrument ID: BNA_G Calibration Date/Time: 9/14/2024 1:00:53

Lab File ID: BG062802.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020487 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.143	0.138	0.050	-3.6832	50.0
2-Nitrophenol-d4	0.156	0.164	0.050	4.6149	50.0
2,4-Dichlorophenol-d3	0.340	0.353	0.060	3.7169	50.0
4-Chloroaniline-d4	0.468	0.443	0.010	-5.2685	50.0
Dimethylphthalate-d6	1.540	1.425	0.300	-7.4771	50.0
Acenaphthylene-d8	1.711	1.640	0.400	-4.128	50.0
4-Nitrophenol-d4	0.262	0.226	0.010	-13.6781	50.0
Fluorene-d10	1.388	1.309	0.100	-5.6809	50.0
4,6-Dinitro-2-methylphenol-d2	0.115	0.084	0.010	-26.6874	50.0
Anthracene-d10	0.944	0.900	0.300	-4.6387	50.0
Pyrene-d10	1.125	1.122	0.300	-0.29	50.0
Benzo(a)pyrene-d12	1.056	1.002	0.010	-5.1403	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	SBLK356	SDG No.:	BG091324
Lab Sample ID:	PB163356BL	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
BG062782.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163356

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:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	SBLK356	SDG No.:	BG091324
Lab Sample ID:	PB163356BL	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
BG062782.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163356

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:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	SBLK356	SDG No.:	BG091324
Lab Sample ID:	PB163356BL	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
BG062782.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163356

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	7.704		15-120		96	SPK: -8
7291-22-7	Pyridine-d5	35.535		20-120		89	SPK: -40
4165-62-2	Phenol-d5	28.705		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.911		25-120		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.274		20-130		76	SPK: -40
190780-66-6	4-Methylphenol-d8	29.603		25-125		74	SPK: -40
4165-60-0	Nitrobenzene-d5	33.493		20-125		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.563		20-130		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.974		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.356		1-146		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.27		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	31.378		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.073		10-150		75	SPK: -40
81103-79-9	Fluorene-d10	33.829		25-125		85	SPK: -40

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	SBLK356	SDG No.:	BG091324
Lab Sample ID:	PB163356BL	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
BG062782.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163356

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.178		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	35.461		25-130		89	SPK: -40
1718-52-1	Pyrene-d10	35.374		15-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.276		20-130		86	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45173	7.899				
1146-65-2	Naphthalene-d8	189670	10.69				
15067-26-2	Acenaphthene-d10	161883	14.527				
1517-22-2	Phenanthrene-d10	429487	17.27				
1719-03-5	Chrysene-d12	487104	21.518				
1520-96-3	Perylene-d12	535084	24.574				
TENTATIVE IDENTIFIED COMPOUNDS							
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	7.4	J			22.647	
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	C0B38	SDG No.:	BG091324
Lab Sample ID:	P3952-09	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
BG062783.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163356

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.8		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	2.2	J	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:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	C0B38	SDG No.:	BG091324
Lab Sample ID:	P3952-09	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
BG062783.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163356

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:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	C0B38	SDG No.:	BG091324
Lab Sample ID:	P3952-09	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
BG062783.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163356

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	10.897	*	15-120		136	SPK: -8
7291-22-7	Pyridine-d5	10.257		20-120		26	SPK: -40
4165-62-2	Phenol-d5	10.612		10-130		27	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.455		25-120		86	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.547		20-130		81	SPK: -40
190780-66-6	4-Methylphenol-d8	22.494		25-125		56	SPK: -40
4165-60-0	Nitrobenzene-d5	39.626		20-125		99	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.024		20-130		98	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.524		20-120		89	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.064		1-146		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.358		25-130		96	SPK: -40
93951-97-4	Acenaphthylene-d8	36.536		10-130		91	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.719		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	38.119		25-125		95	SPK: -40

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	C0B38	SDG No.:	BG091324
Lab Sample ID:	P3952-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
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
BG062783.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163356

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.93		10-130		85	SPK: -40
1719-06-8	Anthracene-d10	39.621		25-130		99	SPK: -40
1718-52-1	Pyrene-d10	42.424		15-130		106	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.952		20-130		102	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45010	7.899				
1146-65-2	Naphthalene-d8	187229	10.69				
15067-26-2	Acenaphthene-d10	164745	14.526				
1517-22-2	Phenanthrene-d10	430104	17.27				
1719-03-5	Chrysene-d12	464394	21.512				
1520-96-3	Perylene-d12	523388	24.573				
TENTATIVE IDENTIFIED COMPOUNDS							
000068-12-2	Formamide, N,N-dimethyl-	3	J			4.174	
	unknown-01	2.7	J			5.196	
000108-38-3	Benzene, 1,3-dimethyl-	14	J			5.555	
000095-49-8	Benzene, 1-chloro-2-methyl-	24	J			6.882	
000622-96-8	Benzene, 1-ethyl-4-methyl-	4.3	J			7.294	
000620-14-4	Benzene, 1-ethyl-3-methyl-	3.5	J			7.552	
000135-01-3	Benzene, 1,2-diethyl-	2.2	J			8.539	
001074-55-1	Benzene, 1-methyl-4-propyl-	2.4	J			8.704	
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	C0B51	SDG No.:	BG091324
Lab Sample ID:	P3952-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	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
BG062784.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163356

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:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	C0B51	SDG No.:	BG091324
Lab Sample ID:	P3952-12	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
BG062784.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163356

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:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	C0B51	SDG No.:	BG091324
Lab Sample ID:	P3952-12	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
BG062784.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163356

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	5.41		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	10.619		20-120		27	SPK: -40
4165-62-2	Phenol-d5	8.356		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.457		25-120		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.095		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	20.335		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	30.309		20-125		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.411		20-130		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.892		20-120		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.313		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.765		25-130		84	SPK: -40
93951-97-4	Acenaphthylene-d8	31.857		10-130		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.57		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	33.036		25-125		83	SPK: -40

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	C0B51	SDG No.:	BG091324
Lab Sample ID:	P3952-12	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
BG062784.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163356

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.994		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	36.201		25-130		91	SPK: -40
1718-52-1	Pyrene-d10	35.709		15-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.466		20-130		91	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44278	7.899				
1146-65-2	Naphthalene-d8	190533	10.689				
15067-26-2	Acenaphthene-d10	152206	14.526				
1517-22-2	Phenanthrene-d10	401617	17.27				
1719-03-5	Chrysene-d12	454136	21.518				
1520-96-3	Perylene-d12	551630	24.579				
TENTATIVE IDENTIFIED COMPOUNDS							
000143-07-7	Dodecanoic acid	42	J			14.973	
000119-61-9	Benzophenone	4.5	J			15.883	
000057-10-3	n-Hexadecanoic acid	2.8	J			18.163	
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	C0B49	SDG No.:	BG091324
Lab Sample ID:	P3952-11	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
BG062785.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163356

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:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	C0B49	SDG No.:	BG091324
Lab Sample ID:	P3952-11	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
BG062785.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163356

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:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	C0B49	SDG No.:	BG091324
Lab Sample ID:	P3952-11	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
BG062785.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163356

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	5.293		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	7.744	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	7.33		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.338		25-120		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.315		20-130		61	SPK: -40
190780-66-6	4-Methylphenol-d8	17.268		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	26.274		20-125		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.391		20-130		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.61		20-120		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.354		1-146		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.205		25-130		76	SPK: -40
93951-97-4	Acenaphthylene-d8	28.135		10-130		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.93		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	30.972		25-125		77	SPK: -40

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	C0B49	SDG No.:	BG091324
Lab Sample ID:	P3952-11	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
BG062785.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163356

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.911		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	35.502		25-130		89	SPK: -40
1718-52-1	Pyrene-d10	36.053		15-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.937		20-130		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45315	7.9				
1146-65-2	Naphthalene-d8	215315	10.691				
15067-26-2	Acenaphthene-d10	175609	14.528				
1517-22-2	Phenanthrene-d10	457192	17.271				
1719-03-5	Chrysene-d12	512525	21.514				
1520-96-3	Perylene-d12	571203	24.575				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	C0B40	SDG No.:	BG091324
Lab Sample ID:	P3952-10	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	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
BG062786.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163356

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.4		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:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	C0B40	SDG No.:	BG091324
Lab Sample ID:	P3952-10	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	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
BG062786.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163356

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:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	C0B40	SDG No.:	BG091324
Lab Sample ID:	P3952-10	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
BG062786.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163356

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.477		15-120		81	SPK: -8
7291-22-7	Pyridine-d5	5.17	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	9.582		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.782		25-120		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.577		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	22.769		25-125		57	SPK: -40
4165-60-0	Nitrobenzene-d5	31.513		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.797		20-130		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.121		20-120		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.461		1-146		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.856		25-130		90	SPK: -40
93951-97-4	Acenaphthylene-d8	33.658		10-130		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.492		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	35.93		25-125		90	SPK: -40

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	C0B40	SDG No.:	BG091324
Lab Sample ID:	P3952-10	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
BG062786.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163356

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.235		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	38.274		25-130		96	SPK: -40
1718-52-1	Pyrene-d10	38.836		15-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.197		20-130		98	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44826	7.9				
1146-65-2	Naphthalene-d8	218954	10.691				
15067-26-2	Acenaphthene-d10	171882	14.527				
1517-22-2	Phenanthrene-d10	469808	17.271				
1719-03-5	Chrysene-d12	516185	21.519				
1520-96-3	Perylene-d12	573653	24.574				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	C0B57	SDG No.:	BG091324
Lab Sample ID:	P3952-13	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
BG062787.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163356

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.1		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:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	C0B57	SDG No.:	BG091324
Lab Sample ID:	P3952-13	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	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
BG062787.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163356

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:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	C0B57	SDG No.:	BG091324
Lab Sample ID:	P3952-13	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	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
BG062787.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163356

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	6.78		15-120		85	SPK: -8
7291-22-7	Pyridine-d5	9.697		20-120		24	SPK: -40
4165-62-2	Phenol-d5	10.586		10-130		26	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.72		25-120		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.106		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	23.521		25-125		59	SPK: -40
4165-60-0	Nitrobenzene-d5	27.163		20-125		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.04		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.907		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.776		1-146		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.29		25-130		83	SPK: -40
93951-97-4	Acenaphthylene-d8	31.127		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.685		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	33.111		25-125		83	SPK: -40

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	C0B57	SDG No.:	BG091324
Lab Sample ID:	P3952-13	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
BG062787.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163356

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.096		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	35.263		25-130		88	SPK: -40
1718-52-1	Pyrene-d10	35.793		15-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.789		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42159	7.9				
1146-65-2	Naphthalene-d8	217846	10.69				
15067-26-2	Acenaphthene-d10	173659	14.527				
1517-22-2	Phenanthrene-d10	459626	17.271				
1719-03-5	Chrysene-d12	500612	21.519				
1520-96-3	Perylene-d12	557187	24.574				
TENTATIVE IDENTIFIED COMPOUNDS							
000143-07-7	Dodecanoic acid	7.1	J			14.95	
000119-61-9	Benzophenone	6.8	J			15.884	
000057-10-3	n-Hexadecanoic acid	2.3	J			18.164	
E966796	Total Alkanes	1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	SLCS356	SDG No.:	BG091324
Lab Sample ID:	PB163356BS	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
BG062788.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163356

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14		1.2	0.5	2	ug/L
110-86-1	Pyridine	33		2.2	10	10	ug/L
100-52-7	Benzaldehyde	25		2.3	5	10	ug/L
108-95-2	Phenol	30		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	29		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	31		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	31		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	29		1.2	5	10	ug/L
98-86-2	Acetophenone	30		0.89	5	10	ug/L
106-44-5	4-Methylphenol	31		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	31		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	31		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	30		0.99	2.5	5	ug/L
78-59-1	Isophorone	31		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	33		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	27		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	33		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	35		0.93	2.5	5	ug/L
91-20-3	Naphthalene	34		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	28		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	35		0.98	2.5	5	ug/L
105-60-2	Caprolactam	36		2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	37		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	35		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	35		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	31		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	31		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	34		0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	SLCS356	SDG No.:	BG091324
Lab Sample ID:	PB163356BS	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
BG062788.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163356

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	35		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	35		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	38		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	36		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	39		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	37		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	38		1.5	5	10	ug/L
83-32-9	Acenaphthene	34		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	35		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	36		1.4	5	10	ug/L
132-64-9	Dibenzofuran	35		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	39		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	36		0.87	2.5	5	ug/L
86-73-7	Fluorene	36		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	37		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	41		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	37		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	36		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	35		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	37		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	36		0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	23		2.5	5	10	ug/L
85-01-8	Phenanthrene	36		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	33		1.2	2.5	5	ug/L
120-12-7	Anthracene	35		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	34		0.92	2.5	5	ug/L
86-74-8	Carbazole	37		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	38		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	37		0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	SLCS356	SDG No.:	BG091324
Lab Sample ID:	PB163356BS	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
BG062788.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163356

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	36		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	40		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	37		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	37		0.56	2.5	5	ug/L
218-01-9	Chrysene	37		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	39		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	39		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	37		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	36		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	35		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	37		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	38		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	38		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	30		1	2.5	5	ug/L
SURROGATES							
7291-22-7	Pyridine-d5	33.535		20-120		84	SPK: -40
17647-74-4	1,4-Dioxane-d8	8.435		15-120		105	SPK: -8
4165-62-2	Phenol-d5	30.608		10-130		77	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.166		25-120		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.975		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	32.336		25-125		81	SPK: -40
4165-60-0	Nitrobenzene-d5	30.327		20-125		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.983		20-130		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.84		20-120		92	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.995		1-146		75	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.023		25-130		90	SPK: -40
93951-97-4	Acenaphthylene-d8	35.563		10-130		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	37.486		10-150		94	SPK: -40
81103-79-9	Fluorene-d10	36.796		25-125		92	SPK: -40

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	SLCS356	SDG No.:	BG091324
Lab Sample ID:	PB163356BS	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
BG062788.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163356

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.725		10-130		94	SPK: -40
1719-06-8	Anthracene-d10	36.13		25-130		90	SPK: -40
1718-52-1	Pyrene-d10	37.031		15-130		93	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.153		20-130		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42631	7.9				
1146-65-2	Naphthalene-d8	202434	10.691				
15067-26-2	Acenaphthene-d10	163775	14.528				
1517-22-2	Phenanthrene-d10	436131	17.271				
1719-03-5	Chrysene-d12	464561	21.519				
1520-96-3	Perylene-d12	519543	24.575				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SBLK308	SDG No.:	BG091324
Lab Sample ID:	PB163308BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062790.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

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

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SBLK308	SDG No.:	BG091324
Lab Sample ID:	PB163308BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062790.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

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

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SBLK308	SDG No.:	BG091324
Lab Sample ID:	PB163308BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062790.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.757		15-120		72	SPK: -8
7291-22-7	Pyridine-d5	23.247		20-120		58	SPK: -40
4165-62-2	Phenol-d5	20.981		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.248		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.176		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	24.561		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	25.162		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.916		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.522		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.948		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.471		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	24.726		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.51		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	25.587		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SBLK308	SDG No.:	BG091324
Lab Sample ID:	PB163308BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062790.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.054		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	25.932		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	26.09		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.697		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61307	7.9				
1146-65-2	Naphthalene-d8	278724	10.691				
15067-26-2	Acenaphthene-d10	222319	14.528				
1517-22-2	Phenanthrene-d10	617617	17.271				
1719-03-5	Chrysene-d12	692105	21.519				
1520-96-3	Perylene-d12	757591	24.58				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC13	SDG No.:	BG091324
Lab Sample ID:	P3898-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062791.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.8	79	ug/Kg
100-52-7	Benzaldehyde	68	U	68	97.2	390	ug/Kg
110-86-1	Pyridine	91	U	91	190	390	ug/Kg
108-95-2	Phenol	110	J	35	97.2	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	97.2	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.1	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	97.2	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	97.2	390	ug/Kg
98-86-2	Acetophenone	78	U	78	97.2	390	ug/Kg
106-44-5	4-Methylphenol	62	U	62	97.2	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	93	U	93	50.1	200	ug/Kg
67-72-1	Hexachloroethane	72	U	72	50.1	200	ug/Kg
98-95-3	Nitrobenzene	75	U	75	50.1	200	ug/Kg
78-59-1	Isophorone	78	U	78	50.1	200	ug/Kg
88-75-5	2-Nitrophenol	71	U	71	50.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	50.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	50.1	200	ug/Kg
91-20-3	Naphthalene	450		28	50.1	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	50.1	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	50.1	200	ug/Kg
105-60-2	Caprolactam	75	U	75	97.2	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	50.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	1800		28	50.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	2500		38	50.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	97.2	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	J	28	50.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	86	J	39	50.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC13	SDG No.:	BG091324
Lab Sample ID:	P3898-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062791.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	160	J	31	50.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	50.1	200	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	50.1	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	50.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50.1	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	50.1	200	ug/Kg
99-09-2	3-Nitroaniline	78	U	78	97.2	390	ug/Kg
83-32-9	Acenaphthene	130	J	31	50.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	97.2	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	97.2	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	50.1	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	50.1	200	ug/Kg
86-73-7	Fluorene	300		32	50.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.1	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	97.2	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	97.2	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	50.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	50.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50.1	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	50.1	200	ug/Kg
1912-24-9	Atrazine	33	U	33	97.2	390	ug/Kg
87-86-5	Pentachlorophenol	140000	E	100	97.2	390	ug/Kg
85-01-8	Phenanthrene	1600		32	50.1	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.1	200	ug/Kg
120-12-7	Anthracene	29	U	29	50.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50.1	200	ug/Kg
86-74-8	Carbazole	40	U	40	97.2	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.1	200	ug/Kg
206-44-0	Fluoranthene	86	J	22	97.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC13	SDG No.:	BG091324
Lab Sample ID:	P3898-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062791.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	99	J	21	50.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	50.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	97.2	390	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	50.1	200	ug/Kg
218-01-9	Chrysene	28	U	28	50.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	820		29	50.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	97.2	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	44	50.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	50.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	50.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	50.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	50.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	12000	E	42	50.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.783		15-120		22	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	8.703		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.258		10-150		26	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.993		15-120		25	SPK: -40
190780-66-6	4-Methylphenol-d8	6.546		10-140		16	SPK: -40
4165-60-0	Nitrobenzene-d5	12.475		10-135		31	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.617		10-120		32	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.155		10-140		30	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.186		1-145		20	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.119		10-145		28	SPK: -40
93951-97-4	Acenaphthylene-d8	12.049		15-120		30	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.628		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	11.908		20-140		30	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC13	SDG No.:	BG091324
Lab Sample ID:	P3898-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062791.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.149		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	11.838		10-150		30	SPK: -40
1718-52-1	Pyrene-d10	10.695		10-130		27	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	8.353		10-140		21	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71013	7.901				
1146-65-2	Naphthalene-d8	293459	10.698				
15067-26-2	Acenaphthene-d10	223639	14.535				
1517-22-2	Phenanthrene-d10	461880	17.308				
1719-03-5	Chrysene-d12	496296	21.526				
1520-96-3	Perylene-d12	569645	24.593				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain7.537	2500	J			7.537	
000104-76-7	1-Hexanol, 2-ethyl-	1600	J			7.972	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	880	J			8.33	
001074-43-7	Benzene, 1-methyl-3-propyl-	690	J			8.442	
	(DEL) Alkane: Straight-Chain8.671	870	J			8.671	
	(DEL) Alkane: Straight-Chain9.141	3800	J			9.141	
	unknown-01	1000	J			9.258	
	unknown-02	81	J			9.834	
	(DEL) Alkane: Straight-Chain9.981	160	J			9.981	
	(DEL) Alkane: Straight-Chain10.052	85	J			10.052	
	(DEL) Alkane: Straight-Chain10.128	140	J			10.128	
000108-43-0	Phenol, 3-chloro-	95	J			10.569	
	unknown-03	320	J			11.074	
	(DEL) Alkane: Straight-Chain11.614	190	J			11.614	
	(DEL) Alkane: Straight-Chain11.726	240	J			11.726	
006413-83-8	2,4-Dipropyl-5-ethyl-1,3-dioxane	260	J			11.961	
	(DEL) Alkane: Straight-Chain12.132	690	J			12.132	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC13	SDG No.:	BG091324
Lab Sample ID:	P3898-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062791.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain12.760	310	J			12.76	
	(DEL) Alkane: Straight-Chain12.795	270	J			12.795	
	(DEL) Alkane: Straight-Chain12.866	400	J			12.866	
	(DEL) Alkane: Straight-Chain13.459	270	J			13.459	
000939-27-5	Naphthalene, 2-ethyl-	260	J			13.571	
000582-16-1	Naphthalene, 2,7-dimethyl-	1800	J			13.718	
000575-41-7	Naphthalene, 1,3-dimethyl-	1900	J			13.865	
019218-94-1	Tetradecane, 1-iodo-	1600	J			14.029	
	(DEL) Alkane: Straight-Chain14.070	560	J			14.07	
	(DEL) Alkane: Straight-Chain14.141	370	J			14.141	
	unknown-04	370	J			14.382	
	(DEL) Alkane: Straight-Chain14.452	3600	J			14.452	
	(DEL) Alkane: Straight-Chain14.893	350	J			14.893	
000941-81-1	4,6,8-Trimethylazulene	1300	J			14.946	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	1200	J			15.016	
	(DEL) Alkane: Straight-Chain15.069	1300	J			15.069	
	(DEL) Alkane: Straight-Chain15.410	3700	J			15.41	
	(DEL) Alkane: Straight-Chain15.810	2100	J			15.81	
	(DEL) Alkane: Straight-Chain15.898	980	J			15.898	
	(DEL) Alkane: Straight-Chain15.956	1600	J			15.956	
	(DEL) Alkane: Cyclic16.015	1400	J			16.015	
	(DEL) Alkane: Straight-Chain16.274	8300	J			16.274	
	(DEL) Alkane: Straight-Chain16.626	920	J			16.626	
	(DEL) Alkane: Straight-Chain16.685	790	J			16.685	
1000309-14-8	Sulfurous acid, pentadecyl pentyl	690	J			16.738	
	(DEL) Alkane: Straight-Chain16.779	1000	J			16.779	
1010309-18-1	Sulfurous acid, butyl tetradecyl e	1100	J			16.844	
	(DEL) Alkane: Straight-Chain17.120	3000	J			17.12	
	(DEL) Alkane: Straight-Chain17.484	490	J			17.484	
	(DEL) Alkane: Straight-Chain17.525	1100	J			17.525	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC13	SDG No.:	BG091324
Lab Sample ID:	P3898-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062791.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
016587-52-3	(DEL) Alkane: Straight-Chain17.590	1200	J			17.59	
	(DEL) Alkane: Straight-Chain17.713	1100	J			17.713	
	(DEL) Alkane: Straight-Chain17.801	6000	J			17.801	
	Dibenzothiophene, 3-methyl-	1900	J			17.878	
1000383-55-1	(DEL) Alkane: Straight-Chain18.072	810	J			18.072	
	2-Methyldibenzothiophene	1600	J			18.189	
	(DEL) Alkane: Straight-Chain18.489	5800	J			18.489	
	(DEL) Alkane: Straight-Chain18.730	1400	J			18.73	
1010383-55-0	1,3-Dimethyldibenzothiophene	1400	J			18.888	
	(DEL) Alkane: Straight-Chain19.117	5300	J			19.117	
	5(10H)-Pyrido[3,4-b]quinolone, 7-m	810	J			19.276	
	(DEL) Alkane: Straight-Chain20.216	2900	J			20.216	
1000309-39-3	(DEL) Alkane: Straight-Chain20.710	2400	J			20.71	
	Oxalic acid, decyl 2-ethylhexyl es	5100	J			21.203	
	(DEL) Alkane: Straight-Chain21.726	2000	J			21.726	
	(DEL) Alkane: Straight-Chain22.184	2100	J			22.184	
E966796	(DEL) Alkane: Straight-Chain22.308	3100	J			22.308	
	(DEL) Alkane: Straight-Chain22.960	1400	J			22.96	
	(DEL) Alkane: Straight-Chain23.724	450	J			23.724	
	(DEL) Alkane: Straight-Chain25.674	260	J			25.674	
	Total Alkanes	78000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC14	SDG No.:	BG091324
Lab Sample ID:	P3898-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062792.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8.2	83	ug/Kg
100-52-7	Benzaldehyde	72	U	72	100	410	ug/Kg
110-86-1	Pyridine	95	U	95	200	410	ug/Kg
108-95-2	Phenol	37	U	37	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	52.6	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	50	U	50	100	410	ug/Kg
98-86-2	Acetophenone	82	U	82	100	410	ug/Kg
106-44-5	4-Methylphenol	66	U	66	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	98	U	98	52.6	210	ug/Kg
67-72-1	Hexachloroethane	76	U	76	52.6	210	ug/Kg
98-95-3	Nitrobenzene	79	U	79	52.6	210	ug/Kg
78-59-1	Isophorone	82	U	82	52.6	210	ug/Kg
88-75-5	2-Nitrophenol	74	U	74	52.6	210	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	52.6	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	56	U	56	52.6	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	52.6	210	ug/Kg
91-20-3	Naphthalene	1100		30	52.6	210	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	52.6	410	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	52.6	210	ug/Kg
105-60-2	Caprolactam	79	U	79	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	52.6	210	ug/Kg
90-12-0	1-Methylnaphthalene	1200		30	52.6	210	ug/Kg
91-57-6	2-Methylnaphthalene	1900		40	52.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	J	30	52.6	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	J	41	52.6	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC14	SDG No.:	BG091324
Lab Sample ID:	P3898-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062792.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	170	J	32	52.6	210	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	52.6	210	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	52.6	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	52.6	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	52.6	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	52.6	210	ug/Kg
99-09-2	3-Nitroaniline	82	U	82	100	410	ug/Kg
83-32-9	Acenaphthene	88	J	32	52.6	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	410	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	410	ug/Kg
132-64-9	Dibenzofuran	33	U	33	52.6	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	52.6	210	ug/Kg
84-66-2	Diethylphthalate	41	U	41	52.6	210	ug/Kg
86-73-7	Fluorene	120	J	33	52.6	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.6	210	ug/Kg
100-01-6	4-Nitroaniline	30	U	30	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	30	U	30	52.6	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	52.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	52.6	210	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	52.6	210	ug/Kg
1912-24-9	Atrazine	35	U	35	100	410	ug/Kg
87-86-5	Pentachlorophenol	140000	E	110	100	410	ug/Kg
85-01-8	Phenanthrene	310		33	52.6	210	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	52.6	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.6	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	52.6	210	ug/Kg
86-74-8	Carbazole	42	U	42	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	52.6	210	ug/Kg
206-44-0	Fluoranthene	24	U	24	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC14	SDG No.:	BG091324
Lab Sample ID:	P3898-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062792.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	22	U	22	52.6	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	52.6	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	52.6	210	ug/Kg
218-01-9	Chrysene	30	U	30	52.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	47	J	31	52.6	210	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	59	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	46	U	46	52.6	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	52.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	52.6	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	52.6	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	52.6	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	16000	E	45	52.6	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.469		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	17.258		20-120		43	SPK: -40
4165-62-2	Phenol-d5	19.574		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.786		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.158		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	19.97		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	26.467		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.91		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.47		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.496		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.543		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	20.985		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.127		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	19.671		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC14	SDG No.:	BG091324
Lab Sample ID:	P3898-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062792.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.344		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	21.172		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	20.549		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.762		10-140		52	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	64254	7.908				
1146-65-2	Naphthalene-d8	258975	10.699				
15067-26-2	Acenaphthene-d10	215555	14.536				
1517-22-2	Phenanthrene-d10	477457	17.297				
1719-03-5	Chrysene-d12	500009	21.522				
1520-96-3	Perylene-d12	568287	24.583				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	430	A			5.029	
	(DEL) Alkane: Straight-Chain5.934	1100	J			5.934	
000107-41-5	Hexylene glycol	1400	J			6.287	
1000309-32-7	Oxalic acid, butyl isohexyl ester	530	J			6.416	
	(DEL) Alkane: Cyclic6.551	390	J			6.551	
	(DEL) Alkane: Straight-Chain6.904	580	J			6.904	
	(DEL) Alkane: Straight-Chain6.962	640	J			6.962	
000611-14-3	Benzene, 1-ethyl-2-methyl-	570	J			7.003	
000620-14-4	Benzene, 1-ethyl-3-methyl-	540	J			7.297	
019549-80-5	2-Heptanone, 4,6-dimethyl-	540	J			7.338	
	(DEL) Alkane: Straight-Chain7.550	4000	J			7.55	
	(DEL) Alkane: Straight-Chain7.832	410	J			7.832	
000104-76-7	1-Hexanol, 2-ethyl-	3300	J			7.996	
1000431-42-9	Hexanal ethyl cis-3-hexenyl acetal	1700	J			8.132	
	(DEL) Alkane: Cyclic8.202	380	J			8.202	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	800	J			8.343	
	unknown-01	600	J			8.384	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC14	SDG No.:	BG091324
Lab Sample ID:	P3898-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062792.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-02	1100	J			8.449	
	(DEL) Alkane: Straight-Chain8.502	540	J			8.502	
	(DEL) Alkane: Straight-Chain8.678	730	J			8.678	
001074-55-1	Benzene, 1-methyl-4-propyl-	580	J			8.713	
000527-84-4	o-Cymene	470	J			8.913	
	(DEL) Alkane: Straight-Chain9.148	4000	J			9.148	
	unknown-03	1300	J			9.26	
	(DEL) Alkane: Straight-Chain9.547	86	J			9.547	
	(DEL) Alkane: Cyclic9.847	190	J			9.847	
	(DEL) Alkane: Straight-Chain9.988	120	J			9.988	
	(DEL) Alkane: Straight-Chain10.053	93	J			10.053	
	(DEL) Alkane: Straight-Chain10.129	140	J			10.129	
	(DEL) Alkane: Straight-Chain10.229	150	J			10.229	
054644-32-5	Oxirane, 2,3-bis(1-methylethyl)-,	480	J			11.081	
	(DEL) Alkane: Straight-Chain11.210	270	J			11.21	
	(DEL) Alkane: Straight-Chain11.616	130	J			11.616	
	(DEL) Alkane: Straight-Chain11.727	240	J			11.727	
	(DEL) Alkane: Straight-Chain12.127	360	J			12.127	
	unknown-04	720	J			12.773	
000109-21-7	Butanoic acid, butyl ester	650	J			13.29	
000097-85-8	Propanoic acid, 2-methyl-, 2-methy	880	J			13.502	
	unknown-05	620	J			13.59	
000582-16-1	Naphthalene, 2,7-dimethyl-	920	J			13.719	
	unknown-06	1200	J			13.801	
000581-40-8	Naphthalene, 2,3-dimethyl-	770	J			13.86	
	(DEL) Alkane: Straight-Chain14.025	1200	J			14.025	
	(DEL) Alkane: Straight-Chain14.442	2000	J			14.442	
1000080-19-4	1,2,3,4,5,6,7,8-Octahydro-1-methyl	660	J			14.677	
057266-86-1	2-Heptenal, (Z)-	600	J			14.877	
	(DEL) Alkane: Straight-Chain15.059	610	J			15.059	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC14	SDG No.:	BG091324
Lab Sample ID:	P3898-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062792.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000829-26-5	Naphthalene, 2,3,6-trimethyl-	1100	J			15.3	
	(DEL) Alkane: Straight-Chain15.394	1900	J			15.394	
	(DEL) Alkane: Straight-Chain15.793	500	J			15.793	
1000330-58-0	Fumaric acid, pentyl tetrahydrofur	630	J			16.146	
	(DEL) Alkane: Straight-Chain16.251	2700	J			16.251	
	(DEL) Alkane: Straight-Chain17.098	1500	J			17.098	
093946-48-6	2-Amino-5-isopropyl-8-methyl-1-azu	730	J			17.573	
	(DEL) Alkane: Straight-Chain17.779	1700	J			17.779	
005129-60-2	Pentadecanoic acid, 14-methyl-, me	1200	J			17.949	
	(DEL) Alkane: Straight-Chain18.472	1300	J			18.472	
	(DEL) Alkane: Straight-Chain19.101	940	J			19.101	
	(DEL) Alkane: Straight-Chain20.212	760	J			20.212	
1000309-39-3	Oxalic acid, decyl 2-ethylhexyl es	1800	J			21.193	
020379-67-3	1-cis-Vaccenoylglycerol	880	J			22.18	
	(DEL) Alkane: Straight-Chain22.297	890	J			22.297	
E966796	Total Alkanes	31000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC58	SDG No.:	BG091324
Lab Sample ID:	P3898-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062793.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.7	78	ug/Kg
100-52-7	Benzaldehyde	68	U	68	96.5	390	ug/Kg
110-86-1	Pyridine	90	U	90	190	390	ug/Kg
108-95-2	Phenol	35	U	35	96.5	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	96.5	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.7	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	96.5	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	96.5	390	ug/Kg
98-86-2	Acetophenone	77	U	77	96.5	390	ug/Kg
106-44-5	4-Methylphenol	62	U	62	96.5	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	92	U	92	49.7	200	ug/Kg
67-72-1	Hexachloroethane	71	U	71	49.7	200	ug/Kg
98-95-3	Nitrobenzene	75	U	75	49.7	200	ug/Kg
78-59-1	Isophorone	77	U	77	49.7	200	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	49.7	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49.7	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	49.7	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49.7	200	ug/Kg
91-20-3	Naphthalene	82	J	28	49.7	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	49.7	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	49.7	200	ug/Kg
105-60-2	Caprolactam	75	U	75	96.5	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	49.7	200	ug/Kg
90-12-0	1-Methylnaphthalene	240		28	49.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	350		37	49.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	96.5	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	85	J	39	49.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC58	SDG No.:	BG091324
Lab Sample ID:	P3898-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062793.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	49.7	200	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	49.7	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49.7	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	49.7	200	ug/Kg
99-09-2	3-Nitroaniline	77	U	77	96.5	390	ug/Kg
83-32-9	Acenaphthene	30	U	30	49.7	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	96.5	390	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	96.5	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	49.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	49.7	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	49.7	200	ug/Kg
86-73-7	Fluorene	41	J	32	49.7	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.7	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	96.5	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	96.5	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49.7	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	49.7	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49.7	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	49.7	200	ug/Kg
1912-24-9	Atrazine	33	U	33	96.5	390	ug/Kg
87-86-5	Pentachlorophenol	39000	E	100	96.5	390	ug/Kg
85-01-8	Phenanthrene	130	J	32	49.7	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.7	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.7	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49.7	200	ug/Kg
86-74-8	Carbazole	40	U	40	96.5	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	49.7	200	ug/Kg
206-44-0	Fluoranthene	22	U	22	96.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC58	SDG No.:	BG091324
Lab Sample ID:	P3898-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062793.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	49.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	49.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	96.5	390	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	49.7	200	ug/Kg
218-01-9	Chrysene	28	U	28	49.7	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	58	J	29	49.7	200	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	96.5	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	49.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	49.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	49.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	49.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	49.7	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2500		42	49.7	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.237		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	14.225		20-120		36	SPK: -40
4165-62-2	Phenol-d5	17.177		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.072		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.067		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	18.801		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	24.557		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.396		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.635		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.653		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.312		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	20.32		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.379		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	20.19		20-140		50	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC58	SDG No.:	BG091324
Lab Sample ID:	P3898-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062793.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.032		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	20.783		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	20.92		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.642		10-140		52	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62728	7.902				
1146-65-2	Naphthalene-d8	230369	10.693				
15067-26-2	Acenaphthene-d10	224408	14.53				
1517-22-2	Phenanthrene-d10	526551	17.285				
1719-03-5	Chrysene-d12	532370	21.521				
1520-96-3	Perylene-d12	610333	24.582				
TENTATIVE IDENTIFIED COMPOUNDS							
019549-80-5	2-Heptanone, 4,6-dimethyl-	360	J			7.332	
	(DEL) Alkane: Straight-Chain7.532	780	J			7.532	
000104-76-7	1-Hexanol, 2-ethyl-	570	J			7.961	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	1800	J			8.325	
	unknown-01	410	J			8.372	
	(DEL) Alkane: Straight-Chain8.437	360	J			8.437	
	unknown-02	960	J			8.519	
	(DEL) Alkane: Straight-Chain8.560	330	J			8.56	
	(DEL) Alkane: Straight-Chain8.672	300	J			8.672	
000502-56-7	5-Nonanone	1300	J			8.895	
	(DEL) Alkane: Straight-Chain9.130	1200	J			9.13	
	unknown-03	750	J			9.253	
	(DEL) Alkane: Cyclic12.109	150	J			12.109	
068480-29-5	cis-Hexenyl octyne carbonate	1600	J			13.108	
	(DEL) Alkane: Straight-Chain13.360	660	J			13.36	
004318-76-7	Pyridine, 2,5-diamino-	240	J			13.578	
000582-16-1	Naphthalene, 2,7-dimethyl-	310	J			13.707	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC58	SDG No.:	BG091324
Lab Sample ID:	P3898-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062793.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000575-41-7	Naphthalene, 1,3-dimethyl-	490	J			13.854	
	(DEL) Alkane: Straight-Chain14.018	370	J			14.018	
	unknown-04	440	J			14.077	
	unknown-05	120	J			14.306	
	(DEL) Alkane: Straight-Chain14.435	900	J			14.435	
	unknown-06	360	J			14.477	
	(DEL) Alkane: Straight-Chain14.606	250	J			14.606	
017629-26-4	1H-Pyrazole, 1-ethyl-3,5-dimethyl-	330	J			14.782	
071596-88-8	Ethanone, 1-(5,6,7,8-tetrahydro-2,	220	J			14.876	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	270	J			14.935	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	220	J			15.005	
000935-95-5	Phenol, 2,3,5,6-tetrachloro-	430	J			15.07	
	(DEL) Alkane: Straight-Chain15.387	1000	J			15.387	
	(DEL) Alkane: Straight-Chain15.793	620	J			15.793	
000119-61-9	Benzophenone	460	J			15.887	
	(DEL) Alkane: Straight-Chain15.940	190	J			15.94	
	(DEL) Alkane: Cyclic16.004	190	J			16.004	
	(DEL) Alkane: Straight-Chain16.245	1400	J			16.245	
029812-79-1	Hydroxylamine, O-decyl-	130	J			16.592	
	(DEL) Alkane: Straight-Chain17.038	1300	J			17.038	
	(DEL) Alkane: Straight-Chain17.091	890	J			17.091	
	(DEL) Alkane: Straight-Chain17.573	190	J			17.573	
000544-77-4	Hexadecane, 1-iodo-	150	J			17.696	
	(DEL) Alkane: Straight-Chain17.779	1100	J			17.779	
016587-52-3	Dibenzothiophene, 3-methyl-	160	J			17.855	
000057-10-3	n-Hexadecanoic acid	350	J			18.172	
	(DEL) Alkane: Straight-Chain18.472	1000	J			18.472	
001136-85-2	3,7-Dimethyldibenzothiophene	190	J			18.872	
	(DEL) Alkane: Straight-Chain19.101	780	J			19.101	
	(DEL) Alkane: Straight-Chain20.205	340	J			20.205	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC58	SDG No.:	BG091324
Lab Sample ID:	P3898-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062793.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
003386-33-2	(DEL) Alkane: Straight-Chain	20.699	260	J		20.699	
	Octadecane, 1-chloro-	650	J			21.192	
	(DEL) Alkane: Straight-Chain	21.715	180	J		21.715	
	unknown-07	220	J			22.179	
E966796	(DEL) Alkane: Straight-Chain	22.303	320	J		22.303	
	Total Alkanes	15000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC60	SDG No.:	BG091324
Lab Sample ID:	P3898-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062794.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.8	79	ug/Kg
100-52-7	Benzaldehyde	69	U	69	98	390	ug/Kg
110-86-1	Pyridine	91	U	91	200	390	ug/Kg
108-95-2	Phenol	36	U	36	98	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	98	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.5	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	98	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	98	390	ug/Kg
98-86-2	Acetophenone	78	U	78	98	390	ug/Kg
106-44-5	4-Methylphenol	63	U	63	98	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	94	U	94	50.5	200	ug/Kg
67-72-1	Hexachloroethane	72	U	72	50.5	200	ug/Kg
98-95-3	Nitrobenzene	76	U	76	50.5	200	ug/Kg
78-59-1	Isophorone	78	U	78	50.5	200	ug/Kg
88-75-5	2-Nitrophenol	71	U	71	50.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	50.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	50.5	200	ug/Kg
91-20-3	Naphthalene	2700		29	50.5	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	50.5	390	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	50.5	200	ug/Kg
105-60-2	Caprolactam	76	U	76	98	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	50.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	3800	E	29	50.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	5700	E	38	50.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	98	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	170	J	29	50.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	190	J	39	50.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC60	SDG No.:	BG091324
Lab Sample ID:	P3898-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062794.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	390		31	50.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	50.5	200	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	50.5	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	50.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50.5	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	50.5	200	ug/Kg
99-09-2	3-Nitroaniline	78	U	78	98	390	ug/Kg
83-32-9	Acenaphthene	160	J	31	50.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	98	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	98	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	50.5	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	50.5	200	ug/Kg
86-73-7	Fluorene	340		32	50.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.5	200	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	98	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	98	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	50.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	50.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50.5	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	50.5	200	ug/Kg
1912-24-9	Atrazine	33	U	33	98	390	ug/Kg
87-86-5	Pentachlorophenol	200000	E	100	98	390	ug/Kg
85-01-8	Phenanthrene	1100		32	50.5	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.5	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50.5	200	ug/Kg
86-74-8	Carbazole	40	U	40	98	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.5	200	ug/Kg
206-44-0	Fluoranthene	68	J	23	98	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC60	SDG No.:	BG091324
Lab Sample ID:	P3898-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062794.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	97	J	21	50.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	50.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	98	390	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	50.5	200	ug/Kg
218-01-9	Chrysene	29	U	29	50.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	280		30	50.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	98	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	44	50.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	50.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	50.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	50.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	50.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	24000	E	43	50.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.61		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	5.739	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	19.46		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.681		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.468		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	14.071		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	32.756		10-135		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.578		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.671		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.643		1-145		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.31		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	18.814		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.977		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	18.423		20-140		46	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC60	SDG No.:	BG091324
Lab Sample ID:	P3898-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062794.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.246		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	19.369		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	18.418		10-130		46	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.069		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68402	7.917				
1146-65-2	Naphthalene-d8	229851	10.708				
15067-26-2	Acenaphthene-d10	223205	14.544				
1517-22-2	Phenanthrene-d10	467978	17.323				
1719-03-5	Chrysene-d12	491523	21.524				
1520-96-3	Perylene-d12	557839	24.591				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.937	1000	J			5.937	
	(DEL) Alkane: Straight-Chain6.189	340	J			6.189	
	unknown-01	250	J			6.407	
	(DEL) Alkane: Straight-Chain6.477	340	J			6.477	
	(DEL) Alkane: Cyclic6.559	410	J			6.559	
	(DEL) Alkane: Straight-Chain6.818	240	J			6.818	
	(DEL) Alkane: Straight-Chain6.918	780	J			6.918	
	(DEL) Alkane: Straight-Chain6.977	630	J			6.977	
000108-67-8	Mesitylene	460	J			7.012	
000611-14-3	Benzene, 1-ethyl-2-methyl-	400	J			7.306	
019549-80-5	2-Heptanone, 4,6-dimethyl-	550	J			7.353	
	(DEL) Alkane: Straight-Chain7.570	3100	J			7.57	
	(DEL) Alkane: Straight-Chain7.752	230	J			7.752	
	(DEL) Alkane: Straight-Chain7.846	430	J			7.846	
000104-76-7	1-Hexanol, 2-ethyl-	1200	J			7.999	
000526-73-8	Benzene, 1,2,3-trimethyl-	380	J			8.04	
	(DEL) Alkane: Straight-Chain8.116	280	J			8.116	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC60	SDG No.:	BG091324
Lab Sample ID:	P3898-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062794.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Cyclic8.210	330	J			8.21	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	1500	J			8.363	
001074-43-7	Benzene, 1-methyl-3-propyl-	710	J			8.463	
	(DEL) Alkane: Straight-Chain8.516	390	J			8.516	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	610	J			8.569	
	(DEL) Alkane: Straight-Chain8.692	700	J			8.692	
000093-53-8	Benzeneacetaldehyde, .alpha.-methy	460	J			8.727	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	340	J			8.874	
000527-84-4	o-Cymene	700	J			8.915	
1000382-90-8	Carbonic acid, prop-1-en-2-yl trid	3000	J			9.18	
	unknown-02	880	J			9.274	
	(DEL) Alkane: Straight-Chain9.997	110	J			9.997	
	(DEL) Alkane: Straight-Chain10.144	100	J			10.144	
	(DEL) Alkane: Straight-Chain11.095	170	J			11.095	
	(DEL) Alkane: Straight-Chain11.742	120	J			11.742	
067760-91-2	2,5-Dimethyl-5-hexen-3-ol	130	J			11.977	
	(DEL) Alkane: Straight-Chain12.147	260	J			12.147	
	unknown-03	690	J			13.122	
	unknown-04	910	J			13.598	
000575-37-1	Naphthalene, 1,7-dimethyl-	1200	J			13.727	
000575-41-7	Naphthalene, 1,3-dimethyl-	1300	J			13.874	
	(DEL) Alkane: Straight-Chain14.033	1200	J			14.033	
	unknown-05	560	J			14.174	
	(DEL) Alkane: Straight-Chain14.462	3000	J			14.462	
1000271-83-0	Cyclopropane, 1-methoxy-2,2-dimeth	980	J			14.691	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	830	J			14.95	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	590	J			15.02	
	(DEL) Alkane: Straight-Chain15.067	730	J			15.067	
065539-79-9	3,4-Dimethyl(1H)pyrrole, 2-[(3,4-d	1100	J			15.314	
	(DEL) Alkane: Straight-Chain15.408	2400	J			15.408	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC60	SDG No.:	BG091324
Lab Sample ID:	P3898-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062794.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain15.807	800	J			15.807	
	(DEL) Alkane: Straight-Chain15.901	570	J			15.901	
	(DEL) Alkane: Straight-Chain16.266	4400	J			16.266	
	(DEL) Alkane: Straight-Chain17.112	1900	J			17.112	
093946-48-6	2-Amino-5-isopropyl-8-methyl-1-azu	1300	J			17.588	
	(DEL) Alkane: Straight-Chain17.793	3100	J			17.793	
000112-39-0	Hexadecanoic acid, methyl ester	1500	J			17.964	
000057-10-3	n-Hexadecanoic acid	1000	J			18.193	
	(DEL) Alkane: Straight-Chain18.487	2300	J			18.487	
	(DEL) Alkane: Straight-Chain19.115	3500	J			19.115	
000112-61-8	Methyl stearate	810	J			19.262	
	(DEL) Alkane: Straight-Chain20.214	1000	J			20.214	
	(DEL) Alkane: Straight-Chain20.708	700	J			20.708	
1000383-13-7	Carbonic acid, decyl 2-ethylhexyl	2600	J			21.201	
	(DEL) Alkane: Straight-Chain21.724	790	J			21.724	
000142-57-4	9-Octadecenoic acid (Z)-, pentyl e	1500	J			22.188	
	(DEL) Alkane: Straight-Chain22.306	1500	J			22.306	
E966796	Total Alkanes	38000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC61	SDG No.:	BG091324
Lab Sample ID:	P3898-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062795.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8.1	82	ug/Kg
100-52-7	Benzaldehyde	72	U	72	100	410	ug/Kg
110-86-1	Pyridine	95	U	95	200	410	ug/Kg
108-95-2	Phenol	37	U	37	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	52.5	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	49	U	49	100	410	ug/Kg
98-86-2	Acetophenone	81	U	81	100	410	ug/Kg
106-44-5	4-Methylphenol	65	U	65	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	98	U	98	52.5	210	ug/Kg
67-72-1	Hexachloroethane	75	U	75	52.5	210	ug/Kg
98-95-3	Nitrobenzene	79	U	79	52.5	210	ug/Kg
78-59-1	Isophorone	81	U	81	52.5	210	ug/Kg
88-75-5	2-Nitrophenol	74	U	74	52.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	52.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	56	U	56	52.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	52.5	210	ug/Kg
91-20-3	Naphthalene	510		30	52.5	210	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	52.5	410	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	52.5	210	ug/Kg
105-60-2	Caprolactam	79	U	79	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	52.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	650		30	52.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	1100		40	52.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	J	30	52.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	140	J	41	52.5	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC61	SDG No.:	BG091324
Lab Sample ID:	P3898-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062795.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	87	J	32	52.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	52.5	210	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	52.5	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	52.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	52.5	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	52.5	210	ug/Kg
99-09-2	3-Nitroaniline	81	U	81	100	410	ug/Kg
83-32-9	Acenaphthene	48	J	32	52.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	410	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	410	ug/Kg
132-64-9	Dibenzofuran	33	U	33	52.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	52.5	210	ug/Kg
84-66-2	Diethylphthalate	41	U	41	52.5	210	ug/Kg
86-73-7	Fluorene	63	J	33	52.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.5	210	ug/Kg
100-01-6	4-Nitroaniline	30	U	30	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	30	U	30	52.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	52.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	52.5	210	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	52.5	210	ug/Kg
1912-24-9	Atrazine	35	U	35	100	410	ug/Kg
87-86-5	Pentachlorophenol	82000	E	110	100	410	ug/Kg
85-01-8	Phenanthrene	180	J	33	52.5	210	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	52.5	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	52.5	210	ug/Kg
86-74-8	Carbazole	42	U	42	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	52.5	210	ug/Kg
206-44-0	Fluoranthene	23	U	23	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC61	SDG No.:	BG091324
Lab Sample ID:	P3898-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062795.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	22	U	22	52.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	52.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	52.5	210	ug/Kg
218-01-9	Chrysene	30	U	30	52.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	31	U	31	52.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	59	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	46	U	46	52.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	52.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	52.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	52.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	52.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	7900	E	44	52.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.553		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	11.969		20-120		30	SPK: -40
4165-62-2	Phenol-d5	14.907		10-130		37	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.866		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.566		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	16.513		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	19.728		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.37		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.412		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.151		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.042		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	17.647		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.477		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	17.333		20-140		43	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC61	SDG No.:	BG091324
Lab Sample ID:	P3898-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062795.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	38.332		10-130		96	SPK: -40
1719-06-8	Anthracene-d10	18.219		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	17.778		10-130		44	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.881		10-140		45	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61807	7.906				
1146-65-2	Naphthalene-d8	246923	10.697				
15067-26-2	Acenaphthene-d10	209072	14.534				
1517-22-2	Phenanthrene-d10	483591	17.289				
1719-03-5	Chrysene-d12	499329	21.52				
1520-96-3	Perylene-d12	577312	24.581				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.926	680	J			5.926	
	(DEL) Alkane: Straight-Chain6.902	370	J			6.902	
	(DEL) Alkane: Straight-Chain6.960	400	J			6.96	
000620-14-4	Benzene, 1-ethyl-3-methyl-	370	J			6.996	
000611-14-3	Benzene, 1-ethyl-2-methyl-	330	J			7.295	
019549-80-5	2-Heptanone, 4,6-dimethyl-	530	J			7.33	
	(DEL) Alkane: Straight-Chain7.536	3000	J			7.536	
	(DEL) Alkane: Straight-Chain7.830	350	J			7.83	
1000139-90-3	1-Isobutoxy-2-ethylhexane	1500	J			7.971	
000526-73-8	Benzene, 1,2,3-trimethyl-	380	J			8.024	
1000249-77-4	1,1-Hexylenedioxybutane	1000	J			8.124	
	(DEL) Alkane: Cyclic8.194	320	J			8.194	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	770	J			8.329	
	(DEL) Alkane: Straight-Chain8.441	610	J			8.441	
	(DEL) Alkane: Straight-Chain8.500	270	J			8.5	
000105-05-5	Benzene, 1,4-diethyl-	470	J			8.547	
	(DEL) Alkane: Straight-Chain8.676	640	J			8.676	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC61	SDG No.:	BG091324
Lab Sample ID:	P3898-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062795.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000135-98-8	Benzene, (1-methylpropyl)-	450	J			8.711	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	300	J			8.858	
000527-84-4	o-Cymene	480	J			8.905	
	(DEL) Alkane: Straight-Chain9.140	3300	J			9.14	
	unknown-01	1300	J			9.258	
	(DEL) Alkane: Cyclic9.839	240	J			9.839	
	(DEL) Alkane: Straight-Chain9.980	150	J			9.98	
	(DEL) Alkane: Straight-Chain10.127	130	J			10.127	
	(DEL) Alkane: Straight-Chain11.202	250	J			11.202	
	(DEL) Alkane: Straight-Chain12.125	280	J			12.125	
	(DEL) Alkane: Cyclic12.154	120	J			12.154	
	unknown-02	530	J			12.789	
000109-21-7	Butanoic acid, butyl ester	710	J			13.282	
000097-87-0	Propanoic acid, 2-methyl-, butyl e	860	J			13.494	
	unknown-03	1100	J			13.582	
000575-43-9	Naphthalene, 1,6-dimethyl-	1300	J			13.717	
	unknown-04	1300	J			13.794	
000575-41-7	Naphthalene, 1,3-dimethyl-	1200	J			13.858	
	(DEL) Alkane: Straight-Chain14.023	1300	J			14.023	
	unknown-05	790	J			14.164	
	(DEL) Alkane: Straight-Chain14.440	3000	J			14.44	
1000271-83-0	Cyclopropane, 1-methoxy-2,2-dimeth	1100	J			14.675	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	840	J			14.928	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	560	J			15.004	
	(DEL) Alkane: Straight-Chain15.057	680	J			15.057	
065539-79-9	3,4-Dimethyl(1H)pyrrole, 2-[(3,4-d	1800	J			15.292	
	(DEL) Alkane: Straight-Chain15.386	2800	J			15.386	
	(DEL) Alkane: Straight-Chain15.797	1600	J			15.797	
000119-61-9	Benzophenone	960	J			15.891	
	unknown-06	370	J			16.161	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC61	SDG No.:	BG091324
Lab Sample ID:	P3898-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062795.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain16.250	1800	J			16.25	
	unknown-07	390	J			16.373	
	(DEL) Alkane: Straight-Chain17.043	1500	J			17.043	
	(DEL) Alkane: Straight-Chain17.096	950	J			17.096	
093946-48-6	2-Amino-5-isopropyl-8-methyl-1-azu	470	J			17.577	
	(DEL) Alkane: Straight-Chain17.777	1100	J			17.777	
001731-88-0	Tridecanoic acid, methyl ester	710	J			17.948	
	(DEL) Alkane: Straight-Chain18.470	740	J			18.47	
	(DEL) Alkane: Straight-Chain19.099	590	J			19.099	
	(DEL) Alkane: Straight-Chain20.209	400	J			20.209	
1000309-39-7	Oxalic acid, 2-ethylhexyl tetradec	720	J			21.191	
	(DEL) Alkane: Straight-Chain22.295	450	J			22.295	
E966796	Total Alkanes	28000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC78	SDG No.:	BG091324
Lab Sample ID:	P3898-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062796.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.8	79	ug/Kg
100-52-7	Benzaldehyde	69	U	69	97.7	390	ug/Kg
110-86-1	Pyridine	91	U	91	200	390	ug/Kg
108-95-2	Phenol	36	U	36	97.7	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	97.7	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.3	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	97.7	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	97.7	390	ug/Kg
98-86-2	Acetophenone	78	U	78	97.7	390	ug/Kg
106-44-5	4-Methylphenol	63	U	63	97.7	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	94	U	94	50.3	200	ug/Kg
67-72-1	Hexachloroethane	72	U	72	50.3	200	ug/Kg
98-95-3	Nitrobenzene	76	U	76	50.3	200	ug/Kg
78-59-1	Isophorone	78	U	78	50.3	200	ug/Kg
88-75-5	2-Nitrophenol	71	U	71	50.3	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50.3	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	50.3	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	50.3	200	ug/Kg
91-20-3	Naphthalene	850		28	50.3	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	50.3	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	50.3	200	ug/Kg
105-60-2	Caprolactam	76	U	76	97.7	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	50.3	200	ug/Kg
90-12-0	1-Methylnaphthalene	1300		28	50.3	200	ug/Kg
91-57-6	2-Methylnaphthalene	2400		38	50.3	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	97.7	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	170	J	28	50.3	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	65	J	39	50.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC78	SDG No.:	BG091324
Lab Sample ID:	P3898-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062796.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	90	J	31	50.3	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	50.3	200	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	50.3	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	50.3	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50.3	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	50.3	200	ug/Kg
99-09-2	3-Nitroaniline	78	U	78	97.7	390	ug/Kg
83-32-9	Acenaphthene	120	J	31	50.3	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	97.7	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	97.7	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50.3	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	50.3	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	50.3	200	ug/Kg
86-73-7	Fluorene	140	J	32	50.3	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.3	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	97.7	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	97.7	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	50.3	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	50.3	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50.3	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	50.3	200	ug/Kg
1912-24-9	Atrazine	33	U	33	97.7	390	ug/Kg
87-86-5	Pentachlorophenol	140000	E	100	97.7	390	ug/Kg
85-01-8	Phenanthrene	470		32	50.3	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.3	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.3	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50.3	200	ug/Kg
86-74-8	Carbazole	40	U	40	97.7	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.3	200	ug/Kg
206-44-0	Fluoranthene	22	U	22	97.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC78	SDG No.:	BG091324
Lab Sample ID:	P3898-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062796.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	50.3	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	50.3	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	97.7	390	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	50.3	200	ug/Kg
218-01-9	Chrysene	28	U	28	50.3	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	50.3	200	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	97.7	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	44	50.3	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.3	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	50.3	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	50.3	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	50.3	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	50.3	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	12000	E	43	50.3	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.479		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	10.016		20-120		25	SPK: -40
4165-62-2	Phenol-d5	19.748		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.84		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.274		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	19.335		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	29.971		10-135		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.52		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.345		10-140		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.662		1-145		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.885		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	21.057		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.443		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	20.398		20-140		51	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC78	SDG No.:	BG091324
Lab Sample ID:	P3898-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062796.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.279		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	21.237		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	21.479		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.996		10-140		52	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56113	7.912				
1146-65-2	Naphthalene-d8	198820	10.697				
15067-26-2	Acenaphthene-d10	200602	14.534				
1517-22-2	Phenanthrene-d10	446874	17.295				
1719-03-5	Chrysene-d12	452695	21.52				
1520-96-3	Perylene-d12	523130	24.587				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.932	620	J			5.932	
	(DEL) Alkane: Straight-Chain6.473	220	J			6.473	
	(DEL) Alkane: Cyclic6.555	250	J			6.555	
	(DEL) Alkane: Straight-Chain6.908	770	J			6.908	
	(DEL) Alkane: Straight-Chain6.966	570	J			6.966	
000611-14-3	Benzene, 1-ethyl-2-methyl-	740	J			7.002	
000622-96-8	Benzene, 1-ethyl-4-methyl-	510	J			7.301	
	(DEL) Alkane: Straight-Chain7.554	3700	J			7.554	
	(DEL) Alkane: Straight-Chain7.742	240	J			7.742	
	(DEL) Alkane: Straight-Chain7.836	420	J			7.836	
1000309-37-3	Oxalic acid, isobutyl octyl ester	920	J			7.977	
000095-63-6	Benzene, 1,2,4-trimethyl-	550	J			8.03	
	(DEL) Alkane: Straight-Chain8.106	250	J			8.106	
	(DEL) Alkane: Straight-Chain8.177	260	J			8.177	
	(DEL) Alkane: Cyclic8.200	330	J			8.2	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	1900	J			8.347	
	(DEL) Alkane: Straight-Chain8.447	810	J			8.447	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC78	SDG No.:	BG091324
Lab Sample ID:	P3898-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062796.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000365-51-7	4-Methyl-3-heptanol, pentafluoropr	420	J			8.506	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	680	J			8.559	
	(DEL) Alkane: Straight-Chain8.682	780	J			8.682	
001074-55-1	Benzene, 1-methyl-4-propyl-	450	J			8.717	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	420	J			8.864	
000527-84-4	o-Cymene	920	J			8.905	
1000382-90-8	Carbonic acid, prop-1-en-2-yl trid	3100	J			9.158	
	unknown-01	730	J			9.264	
	(DEL) Alkane: Straight-Chain11.085	170	J			11.085	
068480-29-5	cis-Hexenyl octyne carbonate	1200	J			13.112	
	unknown-02	900	J			13.582	
000582-16-1	Naphthalene, 2,7-dimethyl-	1600	J			13.711	
000575-41-7	Naphthalene, 1,3-dimethyl-	1500	J			13.858	
000571-61-9	Naphthalene, 1,5-dimethyl-	790	J			14.087	
	(DEL) Alkane: Straight-Chain14.440	1400	J			14.44	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	710	J			14.933	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	570	J			15.01	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	700	J			15.321	
	(DEL) Alkane: Straight-Chain15.392	1700	J			15.392	
	unknown-03	840	J			15.797	
000119-61-9	Benzophenone	600	J			15.891	
	(DEL) Alkane: Straight-Chain16.250	2700	J			16.25	
019218-94-1	Tetradecane, 1-iodo-	1400	J			17.096	
	(DEL) Alkane: Straight-Chain17.783	2000	J			17.783	
000112-39-0	Hexadecanoic acid, methyl ester	4200	J			17.953	
000057-10-3	n-Hexadecanoic acid	1300	J			18.183	
	(DEL) Alkane: Straight-Chain18.470	1800	J			18.47	
013481-95-3	10-Octadecenoic acid, methyl ester	5300	J			19.123	
000112-61-8	Methyl stearate	1900	J			19.258	
073105-67-6	1-Iodo-2-methylundecane	910	J			20.21	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC78	SDG No.:	BG091324
Lab Sample ID:	P3898-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062796.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain20.703	800	J			20.703	
1000383-13-8	Carbonic acid, 2-ethylhexyl undecy	2800	J			21.197	
	(DEL) Alkane: Straight-Chain21.720	1100	J			21.72	
000112-79-8	9-Octadecenoic acid, (E)-	1300	J			22.178	
	(DEL) Alkane: Straight-Chain22.295	4300	J			22.295	
	(DEL) Alkane: Straight-Chain22.959	670	J			22.959	
E966796	Total Alkanes	26000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC90	SDG No.:	BG091324
Lab Sample ID:	P3898-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062797.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.9	80	ug/Kg
100-52-7	Benzaldehyde	70	U	70	98.9	400	ug/Kg
110-86-1	Pyridine	92	U	92	200	400	ug/Kg
108-95-2	Phenol	36	U	36	98.9	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	98.9	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	98.9	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	98.9	400	ug/Kg
98-86-2	Acetophenone	79	U	79	98.9	400	ug/Kg
106-44-5	4-Methylphenol	64	U	64	98.9	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	95	U	95	51	200	ug/Kg
67-72-1	Hexachloroethane	73	U	73	51	200	ug/Kg
98-95-3	Nitrobenzene	77	U	77	51	200	ug/Kg
78-59-1	Isophorone	79	U	79	51	200	ug/Kg
88-75-5	2-Nitrophenol	72	U	72	51	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	51	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	51	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	51	200	ug/Kg
91-20-3	Naphthalene	1200		29	51	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	51	400	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	51	200	ug/Kg
105-60-2	Caprolactam	77	U	77	98.9	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	51	200	ug/Kg
90-12-0	1-Methylnaphthalene	1900		29	51	200	ug/Kg
91-57-6	2-Methylnaphthalene	3200		38	51	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	98.9	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	J	29	51	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	78	J	40	51	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC90	SDG No.:	BG091324
Lab Sample ID:	P3898-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062797.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	130	J	31	51	200	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	51	200	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	51	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	51	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	51	200	ug/Kg
208-96-8	Acenaphthylene	35	U	35	51	200	ug/Kg
99-09-2	3-Nitroaniline	79	U	79	98.9	400	ug/Kg
83-32-9	Acenaphthene	170	J	31	51	200	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	98.9	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	98.9	400	ug/Kg
132-64-9	Dibenzofuran	32	U	32	51	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	51	200	ug/Kg
84-66-2	Diethylphthalate	40	U	40	51	200	ug/Kg
86-73-7	Fluorene	210		32	51	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51	200	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	98.9	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	98.9	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	51	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	51	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	51	200	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	51	200	ug/Kg
1912-24-9	Atrazine	34	U	34	98.9	400	ug/Kg
87-86-5	Pentachlorophenol	170000	E	110	98.9	400	ug/Kg
85-01-8	Phenanthrene	620		32	51	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	51	200	ug/Kg
120-12-7	Anthracene	30	U	30	51	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	51	200	ug/Kg
86-74-8	Carbazole	41	U	41	98.9	400	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	51	200	ug/Kg
206-44-0	Fluoranthene	23	U	23	98.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC90	SDG No.:	BG091324
Lab Sample ID:	P3898-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062797.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	45	J	22	51	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	51	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	98.9	400	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	51	200	ug/Kg
218-01-9	Chrysene	29	U	29	51	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	46	J	30	51	200	ug/Kg
117-84-0	Di-n-octyl phthalate	58	U	58	98.9	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	44	51	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	51	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	51	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	51	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	51	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	16000	E	43	51	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.416		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	14.441		20-120		36	SPK: -40
4165-62-2	Phenol-d5	21.392		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.806		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.104		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	18.271		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	29.845		10-135		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.822		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.344		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.512		1-145		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.559		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	20.624		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.676		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	19.597		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC90	SDG No.:	BG091324
Lab Sample ID:	P3898-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062797.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.966		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	20.793		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	20.433		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.82		10-140		52	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62228	7.913				
1146-65-2	Naphthalene-d8	220276	10.704				
15067-26-2	Acenaphthene-d10	216389	14.535				
1517-22-2	Phenanthrene-d10	475077	17.308				
1719-03-5	Chrysene-d12	488828	21.526				
1520-96-3	Perylene-d12	551485	24.588				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.933	710	J			5.933	
	(DEL) Alkane: Straight-Chain6.473	270	J			6.473	
	(DEL) Alkane: Cyclic6.556	270	J			6.556	
	(DEL) Alkane: Straight-Chain6.908	950	J			6.908	
	(DEL) Alkane: Straight-Chain6.973	610	J			6.973	
000108-67-8	Mesitylene	1000	J			7.008	
000611-14-3	Benzene, 1-ethyl-2-methyl-	670	J			7.302	
019549-80-5	2-Heptanone, 4,6-dimethyl-	430	J			7.343	
	(DEL) Alkane: Straight-Chain7.560	3800	J			7.56	
	(DEL) Alkane: Straight-Chain7.748	250	J			7.748	
	(DEL) Alkane: Straight-Chain7.837	460	J			7.837	
000103-44-6	Heptane, 3-[(ethenyloxy)methyl]-	640	J			7.983	
000526-73-8	Benzene, 1,2,3-trimethyl-	660	J			8.03	
	(DEL) Alkane: Straight-Chain8.177	320	J			8.177	
000496-11-7	Indane	440	J			8.289	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	1400	J			8.354	
	unknown-01	870	J			8.454	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC90	SDG No.:	BG091324
Lab Sample ID:	P3898-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062797.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain8.512	430	J			8.512	
000135-01-3	Benzene, 1,2-diethyl-	800	J			8.565	
	(DEL) Alkane: Straight-Chain8.689	850	J			8.689	
001074-55-1	Benzene, 1-methyl-4-propyl-	450	J			8.718	
000527-84-4	o-Cymene	840	J			8.912	
1000382-90-8	Carbonic acid, prop-1-en-2-yl trid	3300	J			9.164	
	unknown-02	800	J			9.264	
	(DEL) Alkane: Straight-Chain11.092	220	J			11.092	
	(DEL) Alkane: Straight-Chain12.126	120	J			12.126	
068480-29-5	cis-Hexenyl octyne carbonate	970	J			13.113	
	unknown-03	910	J			13.589	
000582-16-1	Naphthalene, 2,7-dimethyl-	1700	J			13.718	
000571-58-4	Naphthalene, 1,4-dimethyl-	1400	J			13.865	
	(DEL) Alkane: Straight-Chain14.024	640	J			14.024	
000575-41-7	Naphthalene, 1,3-dimethyl-	800	J			14.088	
	(DEL) Alkane: Straight-Chain14.441	1400	J			14.441	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	640	J			14.94	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	550	J			15.011	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	840	J			15.322	
	(DEL) Alkane: Straight-Chain15.392	1700	J			15.392	
	(DEL) Alkane: Straight-Chain15.798	820	J			15.798	
	unknown-04	540	J			15.898	
	(DEL) Alkane: Straight-Chain16.256	3000	J			16.256	
	(DEL) Alkane: Straight-Chain17.102	800	J			17.102	
	(DEL) Alkane: Straight-Chain17.784	2200	J			17.784	
000112-39-0	Hexadecanoic acid, methyl ester	4500	J			17.96	
000638-53-9	Tridecanoic acid	1300	J			18.183	
	(DEL) Alkane: Straight-Chain18.471	1900	J			18.471	
1010333-58-3	cis-13-Octadecenoic acid, methyl e	5700	J			19.129	
000112-61-8	Methyl stearate	2000	J			19.259	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC90	SDG No.:	BG091324
Lab Sample ID:	P3898-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062797.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
013187-99-0	2-Bromo dodecane	710	J			20.21	
	(DEL) Alkane: Straight-Chain	20.704	J			20.704	
1000383-13-7	Carbonic acid, decyl 2-ethylhexyl	1900	J			21.197	
	(DEL) Alkane: Straight-Chain	21.720	J			21.72	
000112-79-8	9-Octadecenoic acid, (E)-	900	J			22.179	
000103-24-2	Nonanedioic acid, bis(2-ethylhexyl	2300	J			22.296	
	(DEL) Alkane: Straight-Chain	22.960	J			22.96	
E966796	Total Alkanes	24000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC59	SDG No.:	BG091324
Lab Sample ID:	P3898-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062798.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	35	U	35	8.5	86	ug/Kg
100-52-7	Benzaldehyde	75	U	75	110	420	ug/Kg
110-86-1	Pyridine	99	U	99	210	420	ug/Kg
108-95-2	Phenol	39	U	39	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	110	420	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	54.7	220	ug/Kg
95-48-7	2-Methylphenol	40	U	40	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	51	U	51	110	420	ug/Kg
98-86-2	Acetophenone	85	U	85	110	420	ug/Kg
106-44-5	4-Methylphenol	68	U	68	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	54.7	220	ug/Kg
67-72-1	Hexachloroethane	79	U	79	54.7	220	ug/Kg
98-95-3	Nitrobenzene	82	U	82	54.7	220	ug/Kg
78-59-1	Isophorone	85	U	85	54.7	220	ug/Kg
88-75-5	2-Nitrophenol	77	U	77	54.7	220	ug/Kg
105-67-9	2,4-Dimethylphenol	41	U	41	54.7	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	58	U	58	54.7	220	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	54.7	220	ug/Kg
91-20-3	Naphthalene	4200	E	31	54.7	220	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	54.7	420	ug/Kg
87-68-3	Hexachlorobutadiene	45	U	45	54.7	220	ug/Kg
105-60-2	Caprolactam	82	U	82	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	54.7	220	ug/Kg
90-12-0	1-Methylnaphthalene	5200	E	31	54.7	220	ug/Kg
91-57-6	2-Methylnaphthalene	7800	E	41	54.7	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	370		31	54.7	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	300		42	54.7	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC59	SDG No.:	BG091324
Lab Sample ID:	P3898-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062798.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	550		33	54.7	220	ug/Kg
91-58-7	2-Chloronaphthalene	42	U	42	54.7	220	ug/Kg
88-74-4	2-Nitroaniline	58	U	58	54.7	220	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	54.7	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	54.7	220	ug/Kg
208-96-8	Acenaphthylene	37	U	37	54.7	220	ug/Kg
99-09-2	3-Nitroaniline	85	U	85	110	420	ug/Kg
83-32-9	Acenaphthene	220		33	54.7	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	420	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	420	ug/Kg
132-64-9	Dibenzofuran	35	U	35	54.7	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	54.7	220	ug/Kg
84-66-2	Diethylphthalate	42	U	42	54.7	220	ug/Kg
86-73-7	Fluorene	440		35	54.7	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	54.7	220	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	31	U	31	54.7	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	44	54.7	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	54.7	220	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	54.7	220	ug/Kg
1912-24-9	Atrazine	36	U	36	110	420	ug/Kg
87-86-5	Pentachlorophenol	320000	E	110	110	420	ug/Kg
85-01-8	Phenanthrene	1200		35	54.7	220	ug/Kg
608-93-5	Pentachlorobenzene	48	U	48	54.7	220	ug/Kg
120-12-7	Anthracene	32	U	32	54.7	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	54.7	220	ug/Kg
86-74-8	Carbazole	44	U	44	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	35	U	35	54.7	220	ug/Kg
206-44-0	Fluoranthene	68	J	24	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC59	SDG No.:	BG091324
Lab Sample ID:	P3898-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062798.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	91	J	23	54.7	220	ug/Kg
85-68-7	Butylbenzylphthalate	28	U	28	54.7	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67	U	67	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	30	U	30	54.7	220	ug/Kg
218-01-9	Chrysene	31	U	31	54.7	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	J	32	54.7	220	ug/Kg
117-84-0	Di-n-octyl phthalate	62	U	62	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	54.7	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	49	U	49	54.7	220	ug/Kg
50-32-8	Benzo(a)pyrene	40	U	40	54.7	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	54.7	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	54.7	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	54.7	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43000	E	46	54.7	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.666		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	2.67	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	18.594		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	47.669		10-150		119	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.617		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	10.942		10-140		27	SPK: -40
4165-60-0	Nitrobenzene-d5	13.768		10-135		34	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.707		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.369		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	39.965		1-145		100	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.635		10-145		34	SPK: -40
93951-97-4	Acenaphthylene-d8	14.587		15-120		36	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.692		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	14.407		20-140		36	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC59	SDG No.:	BG091324
Lab Sample ID:	P3898-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062798.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.128		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	15.809		10-150		40	SPK: -40
1718-52-1	Pyrene-d10	13.232		10-130		33	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	10.875		10-140		27	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	51402	7.917				
1146-65-2	Naphthalene-d8	207779	10.714				
15067-26-2	Acenaphthene-d10	203546	14.551				
1517-22-2	Phenanthrene-d10	416312	17.341				
1719-03-5	Chrysene-d12	448238	21.531				
1520-96-3	Perylene-d12	513301	24.598				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.937	1200	J			5.937	
000098-82-8	Benzene, (1-methylethyl)-	400	J			6.407	
	(DEL) Alkane: Straight-Chain6.478	420	J			6.478	
	(DEL) Alkane: Cyclic6.560	480	J			6.56	
	(DEL) Alkane: Straight-Chain6.918	1000	J			6.918	
	(DEL) Alkane: Straight-Chain6.977	780	J			6.977	
000526-73-8	Benzene, 1,2,3-trimethyl-	710	J			7.012	
000611-14-3	Benzene, 1-ethyl-2-methyl-	610	J			7.306	
019549-80-5	2-Heptanone, 4,6-dimethyl-	890	J			7.353	
	(DEL) Alkane: Straight-Chain7.576	4200	J			7.576	
	(DEL) Alkane: Straight-Chain7.753	340	J			7.753	
	(DEL) Alkane: Straight-Chain7.847	380	J			7.847	
000104-76-7	1-Hexanol, 2-ethyl-	2300	J			8.011	
	(DEL) Alkane: Straight-Chain8.123	340	J			8.123	
1000249-77-4	1,1-Hexylenedioxybutane	630	J			8.152	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	890	J			8.364	
	(DEL) Alkane: Straight-Chain8.464	910	J			8.464	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC59	SDG No.:	BG091324
Lab Sample ID:	P3898-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062798.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain8.522	400	J			8.522	
000141-93-5	Benzene, 1,3-diethyl-	740	J			8.575	
	(DEL) Alkane: Straight-Chain8.699	900	J			8.699	
001074-55-1	Benzene, 1-methyl-4-propyl-	580	J			8.728	
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	510	J			8.881	
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	760	J			8.928	
1000382-90-8	Carbonic acid, prop-1-en-2-yl trid	4400	J			9.186	
	unknown-01	1200	J			9.28	
	(DEL) Alkane: Cyclic9.856	150	J			9.856	
	(DEL) Alkane: Straight-Chain10.003	170	J			10.003	
	(DEL) Alkane: Straight-Chain10.150	160	J			10.15	
	(DEL) Alkane: Straight-Chain11.231	210	J			11.231	
	(DEL) Alkane: Straight-Chain11.754	220	J			11.754	
	(DEL) Alkane: Straight-Chain12.159	340	J			12.159	
	(DEL) Alkane: Cyclic12.794	690	J			12.794	
073105-67-6	1-Iodo-2-methylundecane	660	J			12.947	
	unknown-02	560	J			13.305	
000097-87-0	Propanoic acid, 2-methyl-, butyl e	1100	J			13.522	
	unknown-03	870	J			13.605	
000581-42-0	Naphthalene, 2,6-dimethyl-	890	J			13.734	
000109-21-7	Butanoic acid, butyl ester	990	J			13.822	
000575-41-7	Naphthalene, 1,3-dimethyl-	1100	J			13.881	
	(DEL) Alkane: Straight-Chain14.039	1100	J			14.039	
	(DEL) Alkane: Straight-Chain14.075	670	J			14.075	
	unknown-04	1400	J			14.18	
	(DEL) Alkane: Straight-Chain14.474	3500	J			14.474	
032962-25-7	1H-Indole, 4-(3-methyl-2-butenyl)-	1800	J			14.703	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	540	J			15.032	
	(DEL) Alkane: Straight-Chain15.073	450	J			15.073	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	2100	J			15.326	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC59	SDG No.:	BG091324
Lab Sample ID:	P3898-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062798.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain15.414	2200	J			15.414	
	(DEL) Alkane: Straight-Chain15.808	570	J			15.808	
	(DEL) Alkane: Straight-Chain15.902	520	J			15.902	
	unknown-05	1000	J			16.178	
	(DEL) Alkane: Straight-Chain16.272	2100	J			16.272	
	unknown-06	470	J			16.607	
093946-48-6	2-Amino-5-isopropyl-8-methyl-1-azu	860	J			17.6	
	(DEL) Alkane: Straight-Chain17.800	1500	J			17.8	
001731-88-0	Tridecanoic acid, methyl ester	930	J			17.964	
	(DEL) Alkane: Straight-Chain18.487	1000	J			18.487	
	(DEL) Alkane: Straight-Chain19.116	1300	J			19.116	
	(DEL) Alkane: Straight-Chain20.215	1000	J			20.215	
	(DEL) Alkane: Straight-Chain20.708	760	J			20.708	
1000309-39-3	Oxalic acid, decyl 2-ethylhexyl es	1900	J			21.202	
	(DEL) Alkane: Straight-Chain21.724	860	J			21.724	
000112-79-8	9-Octadecenoic acid, (E)-	940	J			22.189	
	(DEL) Alkane: Straight-Chain22.306	1400	J			22.306	
E966796	Total Alkanes	32000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC59MS	SDG No.:	BG091324
Lab Sample ID:	P3898-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.3
Sample Wt/Vol:	30.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062799.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	260		35	8.5	86	ug/Kg
100-52-7	Benzaldehyde	3300		74	110	420	ug/Kg
110-86-1	Pyridine	99	U	99	210	420	ug/Kg
108-95-2	Phenol	680		39	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	710		37	110	420	ug/Kg
95-57-8	2-Chlorophenol	710		36	54.6	220	ug/Kg
95-48-7	2-Methylphenol	650		40	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	690		51	110	420	ug/Kg
98-86-2	Acetophenone	13000	E	85	110	420	ug/Kg
106-44-5	4-Methylphenol	620		68	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2700		100	54.6	220	ug/Kg
67-72-1	Hexachloroethane	8200	E	78	54.6	220	ug/Kg
98-95-3	Nitrobenzene	1400		82	54.6	220	ug/Kg
78-59-1	Isophorone	2900		85	54.6	220	ug/Kg
88-75-5	2-Nitrophenol	1100		77	54.6	220	ug/Kg
105-67-9	2,4-Dimethylphenol	930		41	54.6	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100		58	54.6	220	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		49	54.6	220	ug/Kg
91-20-3	Naphthalene	5200	E	31	54.6	220	ug/Kg
106-47-8	4-Chloroaniline	3800		46	54.6	420	ug/Kg
87-68-3	Hexachlorobutadiene	1100		45	54.6	220	ug/Kg
105-60-2	Caprolactam	1300		82	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		53	54.6	220	ug/Kg
90-12-0	1-Methylnaphthalene	6200	E	31	54.6	220	ug/Kg
91-57-6	2-Methylnaphthalene	8900	E	41	54.6	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	750		120	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		31	54.6	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		42	54.6	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC59MS	SDG No.:	BG091324
Lab Sample ID:	P3898-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.3
Sample Wt/Vol:	30.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062799.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100		33	54.6	220	ug/Kg
91-58-7	2-Chloronaphthalene	710		42	54.6	220	ug/Kg
88-74-4	2-Nitroaniline	630		58	54.6	220	ug/Kg
131-11-3	Dimethylphthalate	640		39	54.6	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		26	54.6	220	ug/Kg
208-96-8	Acenaphthylene	710		37	54.6	220	ug/Kg
99-09-2	3-Nitroaniline	300	J	85	110	420	ug/Kg
83-32-9	Acenaphthene	900		33	54.6	220	ug/Kg
51-28-5	2,4-Dinitrophenol	560		170	110	420	ug/Kg
100-02-7	4-Nitrophenol	1000		57	110	420	ug/Kg
132-64-9	Dibenzofuran	740		35	54.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	660		45	54.6	220	ug/Kg
84-66-2	Diethylphthalate	620		42	54.6	220	ug/Kg
86-73-7	Fluorene	1000		35	54.6	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	620		26	54.6	220	ug/Kg
100-01-6	4-Nitroaniline	340	J	31	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1000		49	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1400		31	54.6	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	770		44	54.6	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	750		33	54.6	220	ug/Kg
118-74-1	Hexachlorobenzene	680		36	54.6	220	ug/Kg
1912-24-9	Atrazine	490		36	110	420	ug/Kg
87-86-5	Pentachlorophenol	330000	E	110	110	420	ug/Kg
85-01-8	Phenanthrene	1900		35	54.6	220	ug/Kg
608-93-5	Pentachlorobenzene	820		48	54.6	220	ug/Kg
120-12-7	Anthracene	770		32	54.6	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	900		22	54.6	220	ug/Kg
86-74-8	Carbazole	610		44	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	740		35	54.6	220	ug/Kg
206-44-0	Fluoranthene	730		24	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC59MS	SDG No.:	BG091324
Lab Sample ID:	P3898-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.3
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062799.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	610		23	54.6	220	ug/Kg
85-68-7	Butylbenzylphthalate	800		28	54.6	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	92	J	67	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	700		30	54.6	220	ug/Kg
218-01-9	Chrysene	710		31	54.6	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	980		32	54.6	220	ug/Kg
117-84-0	Di-n-octyl phthalate	770		62	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	670		48	54.6	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	680		49	54.6	220	ug/Kg
50-32-8	Benzo(a)pyrene	380		40	54.6	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	550		36	54.6	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	730		33	54.6	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	75	J	41	54.6	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47000	E	46	54.6	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.877		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	2.238	*	20-120		6	SPK: -40
4165-62-2	Phenol-d5	17.88		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.62		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.142		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	14.37		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	15.138		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.075		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.767		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	44.578		1-145		111	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.65		10-145		37	SPK: -40
93951-97-4	Acenaphthylene-d8	15.374		15-120		38	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.013		10-150		80	SPK: -40
81103-79-9	Fluorene-d10	14.131		20-140		35	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC59MS	SDG No.:	BG091324
Lab Sample ID:	P3898-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.3
Sample Wt/Vol:	30.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062799.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.017		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	16.255		10-150		41	SPK: -40
1718-52-1	Pyrene-d10	13.816		10-130		35	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.169		10-140		28	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	58776	7.918				
1146-65-2	Naphthalene-d8	198963	10.715				
15067-26-2	Acenaphthene-d10	191627	14.551				
1517-22-2	Phenanthrene-d10	393297	17.342				
1719-03-5	Chrysene-d12	416220	21.532				
1520-96-3	Perylene-d12	476333	24.599				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	33	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC59MSD	SDG No.:	BG091324
Lab Sample ID:	P3898-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.3
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062800.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	200		35	8.5	86	ug/Kg
100-52-7	Benzaldehyde	2600		74	110	420	ug/Kg
110-86-1	Pyridine	99	U	99	210	420	ug/Kg
108-95-2	Phenol	500		39	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	550		37	110	420	ug/Kg
95-57-8	2-Chlorophenol	580		36	54.6	220	ug/Kg
95-48-7	2-Methylphenol	510		40	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	540		51	110	420	ug/Kg
98-86-2	Acetophenone	10000	E	85	110	420	ug/Kg
106-44-5	4-Methylphenol	480		68	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2400		100	54.6	220	ug/Kg
67-72-1	Hexachloroethane	6500	E	78	54.6	220	ug/Kg
98-95-3	Nitrobenzene	1100		82	54.6	220	ug/Kg
78-59-1	Isophorone	2500		85	54.6	220	ug/Kg
88-75-5	2-Nitrophenol	930		77	54.6	220	ug/Kg
105-67-9	2,4-Dimethylphenol	810		41	54.6	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	860		58	54.6	220	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		49	54.6	220	ug/Kg
91-20-3	Naphthalene	4500	E	31	54.6	220	ug/Kg
106-47-8	4-Chloroaniline	3200		46	54.6	420	ug/Kg
87-68-3	Hexachlorobutadiene	930		45	54.6	220	ug/Kg
105-60-2	Caprolactam	1100		82	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		53	54.6	220	ug/Kg
90-12-0	1-Methylnaphthalene	5300	E	31	54.6	220	ug/Kg
91-57-6	2-Methylnaphthalene	7600	E	41	54.6	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	580		120	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	930		31	54.6	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	850		42	54.6	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC59MSD	SDG No.:	BG091324
Lab Sample ID:	P3898-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.3
Sample Wt/Vol:	30.08 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062800.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	970		33	54.6	220	ug/Kg
91-58-7	2-Chloronaphthalene	590		42	54.6	220	ug/Kg
88-74-4	2-Nitroaniline	540		58	54.6	220	ug/Kg
131-11-3	Dimethylphthalate	530		39	54.6	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		26	54.6	220	ug/Kg
208-96-8	Acenaphthylene	610		37	54.6	220	ug/Kg
99-09-2	3-Nitroaniline	270	J	85	110	420	ug/Kg
83-32-9	Acenaphthene	780		33	54.6	220	ug/Kg
51-28-5	2,4-Dinitrophenol	500		170	110	420	ug/Kg
100-02-7	4-Nitrophenol	670		56	110	420	ug/Kg
132-64-9	Dibenzofuran	630		35	54.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	500		45	54.6	220	ug/Kg
84-66-2	Diethylphthalate	510		42	54.6	220	ug/Kg
86-73-7	Fluorene	900		35	54.6	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	540		26	54.6	220	ug/Kg
100-01-6	4-Nitroaniline	360	J	31	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	820		49	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1300		31	54.6	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	660		44	54.6	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	660		33	54.6	220	ug/Kg
118-74-1	Hexachlorobenzene	610		36	54.6	220	ug/Kg
1912-24-9	Atrazine	460		36	110	420	ug/Kg
87-86-5	Pentachlorophenol	310000	E	110	110	420	ug/Kg
85-01-8	Phenanthrene	1700		35	54.6	220	ug/Kg
608-93-5	Pentachlorobenzene	710		47	54.6	220	ug/Kg
120-12-7	Anthracene	650		32	54.6	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	760		22	54.6	220	ug/Kg
86-74-8	Carbazole	520		44	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	680		35	54.6	220	ug/Kg
206-44-0	Fluoranthene	640		24	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC59MSD	SDG No.:	BG091324
Lab Sample ID:	P3898-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.3
Sample Wt/Vol:	30.08 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062800.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	520		23	54.6	220	ug/Kg
85-68-7	Butylbenzylphthalate	680		28	54.6	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	87	J	67	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	590		30	54.6	220	ug/Kg
218-01-9	Chrysene	600		31	54.6	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	850		32	54.6	220	ug/Kg
117-84-0	Di-n-octyl phthalate	650		62	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	580		47	54.6	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	570		49	54.6	220	ug/Kg
50-32-8	Benzo(a)pyrene	320		40	54.6	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	470		36	54.6	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	620		33	54.6	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	60	J	41	54.6	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40000	E	46	54.6	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.945		15-120		24	SPK: -8
7291-22-7	Pyridine-d5	1.417	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	13.888		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.26		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.912		15-120		32	SPK: -40
190780-66-6	4-Methylphenol-d8	9.625		10-140		24	SPK: -40
4165-60-0	Nitrobenzene-d5	12.856		10-135		32	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.512		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.526		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	36.864		1-145		92	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.5		10-145		31	SPK: -40
93951-97-4	Acenaphthylene-d8	13.031		15-120		33	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.887		10-150		65	SPK: -40
81103-79-9	Fluorene-d10	13.11		20-140		33	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC59MSD	SDG No.:	BG091324
Lab Sample ID:	P3898-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.3
Sample Wt/Vol:	30.08 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062800.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.81		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	14.578		10-150		36	SPK: -40
1718-52-1	Pyrene-d10	11.893		10-130		30	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	9.381		10-140		23	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61371	7.917				
1146-65-2	Naphthalene-d8	200470	10.708				
15067-26-2	Acenaphthene-d10	194777	14.545				
1517-22-2	Phenanthrene-d10	391240	17.336				
1719-03-5	Chrysene-d12	419130	21.531				
1520-96-3	Perylene-d12	481796	24.598				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	33	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDCB9	SDG No.:	BG091324
Lab Sample ID:	P3898-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062801.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.6	76	ug/Kg
100-52-7	Benzaldehyde	66	U	66	94.4	380	ug/Kg
110-86-1	Pyridine	88	U	88	190	380	ug/Kg
108-95-2	Phenol	34	U	34	94.4	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	94.4	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.6	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	94.4	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	94.4	380	ug/Kg
98-86-2	Acetophenone	76	U	76	94.4	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	94.4	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	90	U	90	48.6	190	ug/Kg
67-72-1	Hexachloroethane	70	U	70	48.6	190	ug/Kg
98-95-3	Nitrobenzene	73	U	73	48.6	190	ug/Kg
78-59-1	Isophorone	76	U	76	48.6	190	ug/Kg
88-75-5	2-Nitrophenol	69	U	69	48.6	190	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	48.6	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	48.6	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	48.6	190	ug/Kg
91-20-3	Naphthalene	27	U	27	48.6	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.6	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.6	190	ug/Kg
105-60-2	Caprolactam	73	U	73	94.4	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	48.6	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	48.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	48.6	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.4	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	48.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	48.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDCB9	SDG No.:	BG091324
Lab Sample ID:	P3898-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062801.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	48.6	190	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	48.6	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	48.6	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.6	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.6	190	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	94.4	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	48.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	94.4	380	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	94.4	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.6	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.6	190	ug/Kg
84-66-2	Diethylphthalate	38	U	38	48.6	190	ug/Kg
86-73-7	Fluorene	31	U	31	48.6	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.6	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	94.4	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	94.4	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	48.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	48.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	48.6	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.6	190	ug/Kg
1912-24-9	Atrazine	32	U	32	94.4	380	ug/Kg
87-86-5	Pentachlorophenol	11000	E	100	94.4	380	ug/Kg
85-01-8	Phenanthrene	31	U	31	48.6	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48.6	190	ug/Kg
120-12-7	Anthracene	29	U	29	48.6	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	48.6	190	ug/Kg
86-74-8	Carbazole	39	U	39	94.4	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.6	190	ug/Kg
206-44-0	Fluoranthene	22	U	22	94.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDCB9	SDG No.:	BG091324
Lab Sample ID:	P3898-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062801.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	48.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	94.4	380	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	48.6	190	ug/Kg
218-01-9	Chrysene	27	U	27	48.6	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	48.6	190	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	94.4	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	48.6	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	48.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	48.6	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	48.6	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	48.6	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	48.6	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	380		41	48.6	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.732		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	13.261		20-120		33	SPK: -40
4165-62-2	Phenol-d5	15.081		10-130		38	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.663		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.288		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	16.338		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	18.144		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.81		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.917		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.264		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.916		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	19.552		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.095		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	18.648		20-140		47	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDCB9	SDG No.:	BG091324
Lab Sample ID:	P3898-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062801.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.796		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	19.538		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	18.561		10-130		46	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.229		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60045	7.906				
1146-65-2	Naphthalene-d8	263090	10.696				
15067-26-2	Acenaphthene-d10	203961	14.533				
1517-22-2	Phenanthrene-d10	451662	17.283				
1719-03-5	Chrysene-d12	435610	21.531				
1520-96-3	Perylene-d12	505710	24.604				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain3.282	83	J			3.282	
	(DEL) Alkane: Straight-Chain9.128	110	J			9.128	
000935-95-5	Phenol, 2,3,5,6-tetrachloro-	120	J			15.074	
000119-61-9	Benzophenone	270	J			15.884	
	(DEL) Alkane: Straight-Chain16.249	83	J			16.249	
	unknown-01	130	J			16.49	
	(DEL) Alkane: Straight-Chain17.036	530	J			17.036	
	(DEL) Alkane: Straight-Chain17.095	470	J			17.095	
	(DEL) Alkane: Straight-Chain17.706	370	J			17.706	
	(DEL) Alkane: Straight-Chain17.782	500	J			17.782	
	(DEL) Alkane: Straight-Chain18.482	740	J			18.482	
004292-19-7	Dodecane, 1-iodo-	1100	J			18.94	
	unknown-02	760	J			21.302	
E966796	Total Alkanes	2900				99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG091324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : DDC13								
P3898-02	DDC13	Solid	(DEL) Alkane: Cyclic16.015 *	1,400.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain10.6 *	85.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain10.1 *	140.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain11.6 *	190.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain11.7 *	240.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain12.1 *	690.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain12.7 *	310.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain12.7 *	270.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain12.8 *	400.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain13.4 *	270.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain14.6 *	560.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain14.1 *	370.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain14.4 *	3,600.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain14.8 *	350.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain15.6 *	1,300.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain15.4 *	3,700.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain15.8 *	2,100.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain15.8 *	980.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain15.9 *	1,600.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain16.2 *	8,300.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain16.6 *	920.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain16.6 *	790.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain16.7 *	1,000.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain17.1 *	3,000.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain17.4 *	490.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain17.5 *	1,100.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain17.5 *	1,200.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain17.7 *	1,100.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain17.8 *	6,000.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain18.6 *	810.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain18.4 *	5,800.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain18.7 *	1,400.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain19.1 *	5,300.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain20.2 *	2,900.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain20.7 *	2,400.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain21.7 *	2,000.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain22.1 *	2,100.000	J			

Hit Summary Sheet SW-846

SDG No.: BG091324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain22.5 *	3,100.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain22.5 *	1,400.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain23.7 *	450.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain25.6 *	260.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain27.5 *	2,500.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain28.6 *	870.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain29.14 *	3,800.000	J			
P3898-02	DDC13	Solid	(DEL) Alkane: Straight-Chain29.98 *	160.000	J			
P3898-02	DDC13	Solid	1,3-Dimethyldibenzothiophene *	1,400.000	J			
P3898-02	DDC13	Solid	1-Hexanol, 2-ethyl-	1,600.000	J			
P3898-02	DDC13	Solid	2,4-Dipropyl-5-ethyl-1,3-dioxane *	260.000	J			
P3898-02	DDC13	Solid	2-Methyldibenzothiophene *	1,600.000	J			
P3898-02	DDC13	Solid	4,6,8-Trimethylazulene *	1,300.000	J			
P3898-02	DDC13	Solid	5(10H)-Pyrido[3,4-b]quinolone, 7 *	810.000	J			
P3898-02	DDC13	Solid	Benzene, 1-methyl-3-propyl-	690.000	J			
P3898-02	DDC13	Solid	Cyclohexanone, 3,3,5-trimethyl-	880.000	J			
P3898-02	DDC13	Solid	Dibenzothiophene, 3-methyl-	1,900.000	J			
P3898-02	DDC13	Solid	Naphthalene, 1,3-dimethyl-	1,900.000	J			
P3898-02	DDC13	Solid	Naphthalene, 2,3,6-trimethyl-	1,200.000	J			
P3898-02	DDC13	Solid	Naphthalene, 2,7-dimethyl-	1,800.000	J			
P3898-02	DDC13	Solid	Naphthalene, 2-ethyl-	260.000	J			
P3898-02	DDC13	Solid	Oxalic acid, decyl 2-ethylhexyl es *	5,100.000	J			
P3898-02	DDC13	Solid	Phenol, 3-chloro-	95.000	J			
P3898-02	DDC13	Solid	Sulfurous acid, butyl tetradecyl e *	1,100.000	J			
P3898-02	DDC13	Solid	Sulfurous acid, pentadecyl pentyl *	690.000	J			
P3898-02	DDC13	Solid	Tetradecane, 1-iodo-	1,600.000	J			
P3898-02	DDC13	Solid	unknown-01 *	1,000.000	J			
P3898-02	DDC13	Solid	unknown-02 *	81.000	J			
P3898-02	DDC13	Solid	unknown-03 *	320.000	J			
P3898-02	DDC13	Solid	unknown-04 *	370.000	J			
P3898-02	DDC13	Solid	Total Alkanes *	78,000.000		31	200	ug/Kg
Total Tics :				181,661.00				
P3898-02	DDC13	Solid	1,1-Biphenyl	160.000	J	31	200	ug/Kg
P3898-02	DDC13	Solid	1-Methylnaphthalene	1,800.000		28	200	ug/Kg
P3898-02	DDC13	Solid	2,3,4,6-Tetrachlorophenol	12,000.000	E	42	200	ug/Kg
P3898-02	DDC13	Solid	2,4,5-Trichlorophenol	86.000	J	39	200	ug/Kg
P3898-02	DDC13	Solid	2,4,6-Trichlorophenol	110.000	J	28	200	ug/Kg
P3898-02	DDC13	Solid	2-Methylnaphthalene	2,500.000		38	200	ug/Kg
P3898-02	DDC13	Solid	Acenaphthene	130.000	J	31	200	ug/Kg
P3898-02	DDC13	Solid	Bis(2-ethylhexyl)phthalate	820.000		29	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG091324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3898-02	DDC13	Solid	Fluoranthene	86.000	J	22	200	ug/Kg
P3898-02	DDC13	Solid	Fluorene	300.000		32	200	ug/Kg
P3898-02	DDC13	Solid	Naphthalene	450.000		28	200	ug/Kg
P3898-02	DDC13	Solid	Pentachlorophenol	140,000.000	E	100	390	ug/Kg
P3898-02	DDC13	Solid	Phenanthrene	1,600.000		32	200	ug/Kg
P3898-02	DDC13	Solid	Phenol	110.000	J	35	390	ug/Kg
P3898-02	DDC13	Solid	Pyrene	99.000	J	21	200	ug/Kg
Total Svoc :				160,251.00				
Total Concentration:				341,912.00				

Client ID : DDC14

P3898-03	DDC14	Solid	(DEL) Alkane: Cyclic6.551	*	390.000	J		
P3898-03	DDC14	Solid	(DEL) Alkane: Cyclic8.202	*	380.000	J		
P3898-03	DDC14	Solid	(DEL) Alkane: Cyclic9.847	*	190.000	J		
P3898-03	DDC14	Solid	(DEL) Alkane: Straight-Chain10.0	*	93.000	J		
P3898-03	DDC14	Solid	(DEL) Alkane: Straight-Chain10.1	*	140.000	J		
P3898-03	DDC14	Solid	(DEL) Alkane: Straight-Chain10.2	*	150.000	J		
P3898-03	DDC14	Solid	(DEL) Alkane: Straight-Chain11.2	*	270.000	J		
P3898-03	DDC14	Solid	(DEL) Alkane: Straight-Chain11.6	*	130.000	J		
P3898-03	DDC14	Solid	(DEL) Alkane: Straight-Chain11.7	*	240.000	J		
P3898-03	DDC14	Solid	(DEL) Alkane: Straight-Chain12.1	*	360.000	J		
P3898-03	DDC14	Solid	(DEL) Alkane: Straight-Chain14.0	*	1,200.000	J		
P3898-03	DDC14	Solid	(DEL) Alkane: Straight-Chain14.4	*	2,000.000	J		
P3898-03	DDC14	Solid	(DEL) Alkane: Straight-Chain15.0	*	610.000	J		
P3898-03	DDC14	Solid	(DEL) Alkane: Straight-Chain15.2	*	1,900.000	J		
P3898-03	DDC14	Solid	(DEL) Alkane: Straight-Chain15.7	*	500.000	J		
P3898-03	DDC14	Solid	(DEL) Alkane: Straight-Chain16.2	*	2,700.000	J		
P3898-03	DDC14	Solid	(DEL) Alkane: Straight-Chain17.0	*	1,500.000	J		
P3898-03	DDC14	Solid	(DEL) Alkane: Straight-Chain17.7	*	1,700.000	J		
P3898-03	DDC14	Solid	(DEL) Alkane: Straight-Chain18.4	*	1,300.000	J		
P3898-03	DDC14	Solid	(DEL) Alkane: Straight-Chain19.1	*	940.000	J		
P3898-03	DDC14	Solid	(DEL) Alkane: Straight-Chain20.2	*	760.000	J		
P3898-03	DDC14	Solid	(DEL) Alkane: Straight-Chain22.2	*	890.000	J		
P3898-03	DDC14	Solid	(DEL) Alkane: Straight-Chain5.9	*	1,100.000	J		
P3898-03	DDC14	Solid	(DEL) Alkane: Straight-Chain6.9	*	580.000	J		
P3898-03	DDC14	Solid	(DEL) Alkane: Straight-Chain6.9	*	640.000	J		
P3898-03	DDC14	Solid	(DEL) Alkane: Straight-Chain7.5	*	4,000.000	J		
P3898-03	DDC14	Solid	(DEL) Alkane: Straight-Chain7.8	*	410.000	J		
P3898-03	DDC14	Solid	(DEL) Alkane: Straight-Chain8.5	*	540.000	J		
P3898-03	DDC14	Solid	(DEL) Alkane: Straight-Chain8.6	*	730.000	J		
P3898-03	DDC14	Solid	(DEL) Alkane: Straight-Chain9.1	*	4,000.000	J		

Hit Summary Sheet SW-846

SDG No.: BG091324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3898-03	DDC14	Solid	(DEL) Alkane: Straight-Chain9.54 *	86.000	J			
P3898-03	DDC14	Solid	(DEL) Alkane: Straight-Chain9.98 *	120.000	J			
P3898-03	DDC14	Solid	1,2,3,4,5,6,7,8-Octahydro-1-methyl *	660.000	J			
P3898-03	DDC14	Solid	1-cis-Vaccenoylglycerol *	880.000	J			
P3898-03	DDC14	Solid	1-Hexanol, 2-ethyl- *	3,300.000	J			
P3898-03	DDC14	Solid	2-Amino-5-isopropyl-8-methyl-1- *	730.000	J			
P3898-03	DDC14	Solid	2-Heptanone, 4,6-dimethyl- *	540.000	J			
P3898-03	DDC14	Solid	2-Heptenal, (Z)- *	600.000	J			
P3898-03	DDC14	Solid	2-Pentanone, 4-hydroxy-4-methyl *	430.000	A			
P3898-03	DDC14	Solid	Benzene, 1-ethyl-2-methyl- *	570.000	J			
P3898-03	DDC14	Solid	Benzene, 1-ethyl-3-methyl- *	540.000	J			
P3898-03	DDC14	Solid	Benzene, 1-methyl-4-propyl- *	580.000	J			
P3898-03	DDC14	Solid	Butanoic acid, butyl ester *	650.000	J			
P3898-03	DDC14	Solid	Cyclohexanone, 3,3,5-trimethyl- *	800.000	J			
P3898-03	DDC14	Solid	Fumaric acid, pentyl tetrahydrofur *	630.000	J			
P3898-03	DDC14	Solid	Hexanal ethyl cis-3-hexenyl aceta *	1,700.000	J			
P3898-03	DDC14	Solid	Hexylene glycol *	1,400.000	J			
P3898-03	DDC14	Solid	Naphthalene, 2,3,6-trimethyl- *	1,100.000	J			
P3898-03	DDC14	Solid	Naphthalene, 2,3-dimethyl- *	770.000	J			
P3898-03	DDC14	Solid	Naphthalene, 2,7-dimethyl- *	920.000	J			
P3898-03	DDC14	Solid	o-Cymene *	470.000	J			
P3898-03	DDC14	Solid	Oxalic acid, butyl isohexyl ester *	530.000	J			
P3898-03	DDC14	Solid	Oxalic acid, decyl 2-ethylhexyl es *	1,800.000	J			
P3898-03	DDC14	Solid	Oxirane, 2,3-bis(1-methylethyl)-, *	480.000	J			
P3898-03	DDC14	Solid	Pentadecanoic acid, 14-methyl-, n *	1,200.000	J			
P3898-03	DDC14	Solid	Propanoic acid, 2-methyl-, 2-meth *	880.000	J			
P3898-03	DDC14	Solid	unknown-01 *	600.000	J			
P3898-03	DDC14	Solid	unknown-02 *	1,100.000	J			
P3898-03	DDC14	Solid	unknown-03 *	1,300.000	J			
P3898-03	DDC14	Solid	unknown-04 *	720.000	J			
P3898-03	DDC14	Solid	unknown-05 *	620.000	J			
P3898-03	DDC14	Solid	unknown-06 *	1,200.000	J			
P3898-03	DDC14	Solid	Total Alkanes *	31,000.000		32	210	ug/Kg
Total Tics :				89,249.00				
P3898-03	DDC14	Solid	1,1-Biphenyl	170.000	J	32	210	ug/Kg
P3898-03	DDC14	Solid	1-Methylnaphthalene	1,200.000		30	210	ug/Kg
P3898-03	DDC14	Solid	2,3,4,6-Tetrachlorophenol	16,000.000	E	45	210	ug/Kg
P3898-03	DDC14	Solid	2,4,5-Trichlorophenol	110.000	J	41	210	ug/Kg
P3898-03	DDC14	Solid	2,4,6-Trichlorophenol	120.000	J	30	210	ug/Kg
P3898-03	DDC14	Solid	2-Methylnaphthalene	1,900.000		40	210	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG091324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3898-03	DDC14	Solid	Acenaphthene	88.000	J	32	210	ug/Kg
P3898-03	DDC14	Solid	Bis(2-ethylhexyl)phthalate	47.000	J	31	210	ug/Kg
P3898-03	DDC14	Solid	Fluorene	120.000	J	33	210	ug/Kg
P3898-03	DDC14	Solid	Naphthalene	1,100.000		30	210	ug/Kg
P3898-03	DDC14	Solid	Pentachlorophenol	140,000.000	E	110	410	ug/Kg
P3898-03	DDC14	Solid	Phenanthrene	310.000		33	210	ug/Kg
Total Svoc :				161,165.00				
Total Concentration:				250,414.00				

Client ID : DDC58

P3898-08	DDC58	Solid	(DEL) Alkane: Cyclic12.109 *	150.000	J			
P3898-08	DDC58	Solid	(DEL) Alkane: Cyclic16.004 *	190.000	J			
P3898-08	DDC58	Solid	(DEL) Alkane: Straight-Chain13.3 *	660.000	J			
P3898-08	DDC58	Solid	(DEL) Alkane: Straight-Chain14.6 *	370.000	J			
P3898-08	DDC58	Solid	(DEL) Alkane: Straight-Chain14.4 *	900.000	J			
P3898-08	DDC58	Solid	(DEL) Alkane: Straight-Chain14.6 *	250.000	J			
P3898-08	DDC58	Solid	(DEL) Alkane: Straight-Chain15.3 *	1,000.000	J			
P3898-08	DDC58	Solid	(DEL) Alkane: Straight-Chain15.7 *	620.000	J			
P3898-08	DDC58	Solid	(DEL) Alkane: Straight-Chain15.9 *	190.000	J			
P3898-08	DDC58	Solid	(DEL) Alkane: Straight-Chain16.2 *	1,400.000	J			
P3898-08	DDC58	Solid	(DEL) Alkane: Straight-Chain17.6 *	1,300.000	J			
P3898-08	DDC58	Solid	(DEL) Alkane: Straight-Chain17.6 *	890.000	J			
P3898-08	DDC58	Solid	(DEL) Alkane: Straight-Chain17.9 *	190.000	J			
P3898-08	DDC58	Solid	(DEL) Alkane: Straight-Chain17.7 *	1,100.000	J			
P3898-08	DDC58	Solid	(DEL) Alkane: Straight-Chain18.4 *	1,000.000	J			
P3898-08	DDC58	Solid	(DEL) Alkane: Straight-Chain19.1 *	780.000	J			
P3898-08	DDC58	Solid	(DEL) Alkane: Straight-Chain20.2 *	340.000	J			
P3898-08	DDC58	Solid	(DEL) Alkane: Straight-Chain20.6 *	260.000	J			
P3898-08	DDC58	Solid	(DEL) Alkane: Straight-Chain21.7 *	180.000	J			
P3898-08	DDC58	Solid	(DEL) Alkane: Straight-Chain22.3 *	320.000	J			
P3898-08	DDC58	Solid	(DEL) Alkane: Straight-Chain7.52 *	780.000	J			
P3898-08	DDC58	Solid	(DEL) Alkane: Straight-Chain8.42 *	360.000	J			
P3898-08	DDC58	Solid	(DEL) Alkane: Straight-Chain8.56 *	330.000	J			
P3898-08	DDC58	Solid	(DEL) Alkane: Straight-Chain8.67 *	300.000	J			
P3898-08	DDC58	Solid	(DEL) Alkane: Straight-Chain9.12 *	1,200.000	J			
P3898-08	DDC58	Solid	1-Hexanol, 2-ethyl- *	570.000	J			
P3898-08	DDC58	Solid	1H-Pyrazole, 1-ethyl-3,5-dimethyl- *	330.000	J			
P3898-08	DDC58	Solid	2-Heptanone, 4,6-dimethyl- *	360.000	J			
P3898-08	DDC58	Solid	3,7-Dimethyldibenzothiophene *	190.000	J			
P3898-08	DDC58	Solid	5-Nonanone *	1,300.000	J			
P3898-08	DDC58	Solid	Benzophenone *	460.000	J			

Hit Summary Sheet
SW-846

SDG No.: BG091324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3898-08	DDC58	Solid	cis-Hexenyl octyne carbonate	*	1,600.000	J		
P3898-08	DDC58	Solid	Cyclohexanone, 3,3,5-trimethyl-	*	1,800.000	J		
P3898-08	DDC58	Solid	Dibenzothiophene, 3-methyl-	*	160.000	J		
P3898-08	DDC58	Solid	Ethanone, 1-(5,6,7,8-tetrahydro-2,	*	220.000	J		
P3898-08	DDC58	Solid	Hexadecane, 1-iodo-	*	150.000	J		
P3898-08	DDC58	Solid	Hydroxylamine, O-decyl-	*	130.000	J		
P3898-08	DDC58	Solid	n-Hexadecanoic acid	*	350.000	J		
P3898-08	DDC58	Solid	Naphthalene, 1,3-dimethyl-	*	490.000	J		
P3898-08	DDC58	Solid	Naphthalene, 1,4,6-trimethyl-	*	220.000	J		
P3898-08	DDC58	Solid	Naphthalene, 1,6,7-trimethyl-	*	270.000	J		
P3898-08	DDC58	Solid	Naphthalene, 2,7-dimethyl-	*	310.000	J		
P3898-08	DDC58	Solid	Octadecane, 1-chloro-	*	650.000	J		
P3898-08	DDC58	Solid	Phenol, 2,3,5,6-tetrachloro-	*	430.000	J		
P3898-08	DDC58	Solid	Pyridine, 2,5-diamino-	*	240.000	J		
P3898-08	DDC58	Solid	unknown-01	*	410.000	J		
P3898-08	DDC58	Solid	unknown-02	*	960.000	J		
P3898-08	DDC58	Solid	unknown-03	*	750.000	J		
P3898-08	DDC58	Solid	unknown-04	*	440.000	J		
P3898-08	DDC58	Solid	unknown-05	*	120.000	J		
P3898-08	DDC58	Solid	unknown-06	*	360.000	J		
P3898-08	DDC58	Solid	unknown-07	*	220.000	J		
P3898-08	DDC58	Solid	Total Alkanes	*	15,000.000	30	200	ug/Kg
Total Tics :				43,550.00				
P3898-08	DDC58	Solid	1-Methylnaphthalene		240.000	28	200	ug/Kg
P3898-08	DDC58	Solid	2,3,4,6-Tetrachlorophenol		2,500.000	42	200	ug/Kg
P3898-08	DDC58	Solid	2,4,5-Trichlorophenol		85.000	J 39	200	ug/Kg
P3898-08	DDC58	Solid	2-Methylnaphthalene		350.000	37	200	ug/Kg
P3898-08	DDC58	Solid	Bis(2-ethylhexyl)phthalate		58.000	J 29	200	ug/Kg
P3898-08	DDC58	Solid	Fluorene		41.000	J 32	200	ug/Kg
P3898-08	DDC58	Solid	Naphthalene		82.000	J 28	200	ug/Kg
P3898-08	DDC58	Solid	Pentachlorophenol		39,000.000	E 100	390	ug/Kg
P3898-08	DDC58	Solid	Phenanthrene		130.000	J 32	200	ug/Kg
Total Svoc :				42,486.00				
Total Concentration:				86,036.00				
Client ID : DDC60								
P3898-09	DDC60	Solid	(DEL) Alkane: Cyclic6.559	*	410.000	J		
P3898-09	DDC60	Solid	(DEL) Alkane: Cyclic8.210	*	330.000	J		
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain10.1	*	100.000	J		
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain11.(	*	170.000	J		
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain11.7	*	120.000	J		

Hit Summary Sheet SW-846

SDG No.: BG091324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain12.1 *	260.000	J			
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain14.0 *	1,200.000	J			
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain14.4 *	3,000.000	J			
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain15.0 *	730.000	J			
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain15.4 *	2,400.000	J			
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain15.8 *	800.000	J			
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain15.9 *	570.000	J			
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain16.2 *	4,400.000	J			
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain17.1 *	1,900.000	J			
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain17.7 *	3,100.000	J			
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain18.4 *	2,300.000	J			
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain19.1 *	3,500.000	J			
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain20.2 *	1,000.000	J			
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain20.7 *	700.000	J			
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain21.7 *	790.000	J			
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain22.3 *	1,500.000	J			
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain5.92 *	1,000.000	J			
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain6.18 *	340.000	J			
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain6.47 *	340.000	J			
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain6.81 *	240.000	J			
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain6.91 *	780.000	J			
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain6.97 *	630.000	J			
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain7.57 *	3,100.000	J			
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain7.74 *	230.000	J			
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain7.84 *	430.000	J			
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain8.11 *	280.000	J			
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain8.51 *	390.000	J			
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain8.65 *	700.000	J			
P3898-09	DDC60	Solid	(DEL) Alkane: Straight-Chain9.95 *	110.000	J			
P3898-09	DDC60	Solid	1-Hexanol, 2-ethyl- *	1,200.000	J			
P3898-09	DDC60	Solid	2,5-Dimethyl-5-hexen-3-ol *	130.000	J			
P3898-09	DDC60	Solid	2-Amino-5-isopropyl-8-methyl-1- *	1,300.000	J			
P3898-09	DDC60	Solid	2-Heptanone, 4,6-dimethyl- *	550.000	J			
P3898-09	DDC60	Solid	3,4-Dimethyl(1H)pyrrole, 2-[(3,4- *	1,100.000	J			
P3898-09	DDC60	Solid	9-Octadecenoic acid (Z)-, pentyl e *	1,500.000	J			
P3898-09	DDC60	Solid	Benzene, 1,2,3-trimethyl- *	380.000	J			
P3898-09	DDC60	Solid	Benzene, 1-ethyl-2-methyl- *	400.000	J			
P3898-09	DDC60	Solid	Benzene, 1-methyl-3-propyl- *	710.000	J			
P3898-09	DDC60	Solid	Benzene, 2-ethyl-1,4-dimethyl- *	340.000	J			
P3898-09	DDC60	Solid	Benzene, 4-ethyl-1,2-dimethyl- *	610.000	J			

Hit Summary Sheet
SW-846

SDG No.: BG091324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3898-09	DDC60	Solid	Benzeneacetaldehyde, .alpha.-met *	460.000	J			
P3898-09	DDC60	Solid	Carbonic acid, decyl 2-ethylhexyl *	2,600.000	J			
P3898-09	DDC60	Solid	Carbonic acid, prop-1-en-2-yl trid *	3,000.000	J			
P3898-09	DDC60	Solid	Cyclohexanone, 3,3,5-trimethyl- *	1,500.000	J			
P3898-09	DDC60	Solid	Cyclopropane, 1-methoxy-2,2-din *	980.000	J			
P3898-09	DDC60	Solid	Hexadecanoic acid, methyl ester *	1,500.000	J			
P3898-09	DDC60	Solid	Mesitylene *	460.000	J			
P3898-09	DDC60	Solid	Methyl stearate *	810.000	J			
P3898-09	DDC60	Solid	n-Hexadecanoic acid *	1,000.000	J			
P3898-09	DDC60	Solid	Naphthalene, 1,3-dimethyl- *	1,300.000	J			
P3898-09	DDC60	Solid	Naphthalene, 1,6,7-trimethyl- *	830.000	J			
P3898-09	DDC60	Solid	Naphthalene, 1,7-dimethyl- *	1,200.000	J			
P3898-09	DDC60	Solid	Naphthalene, 2,3,6-trimethyl- *	590.000	J			
P3898-09	DDC60	Solid	o-Cymene *	700.000	J			
P3898-09	DDC60	Solid	unknown-01 *	250.000	J			
P3898-09	DDC60	Solid	unknown-02 *	880.000	J			
P3898-09	DDC60	Solid	unknown-03 *	690.000	J			
P3898-09	DDC60	Solid	unknown-04 *	910.000	J			
P3898-09	DDC60	Solid	unknown-05 *	560.000	J			
P3898-09	DDC60	Solid	Total Alkanes *	38,000.000		31	200	ug/Kg
Total Tics :				104,290.00				
P3898-09	DDC60	Solid	1,1-Biphenyl	390.000		31	200	ug/Kg
P3898-09	DDC60	Solid	1-Methylnaphthalene	3,800.000	E	29	200	ug/Kg
P3898-09	DDC60	Solid	2,3,4,6-Tetrachlorophenol	24,000.000	E	43	200	ug/Kg
P3898-09	DDC60	Solid	2,4,5-Trichlorophenol	190.000	J	39	200	ug/Kg
P3898-09	DDC60	Solid	2,4,6-Trichlorophenol	170.000	J	29	200	ug/Kg
P3898-09	DDC60	Solid	2-Methylnaphthalene	5,700.000	E	38	200	ug/Kg
P3898-09	DDC60	Solid	Acenaphthene	160.000	J	31	200	ug/Kg
P3898-09	DDC60	Solid	Bis(2-ethylhexyl)phthalate	280.000		30	200	ug/Kg
P3898-09	DDC60	Solid	Fluoranthene	68.000	J	23	200	ug/Kg
P3898-09	DDC60	Solid	Fluorene	340.000		32	200	ug/Kg
P3898-09	DDC60	Solid	Naphthalene	2,700.000		29	200	ug/Kg
P3898-09	DDC60	Solid	Pentachlorophenol	200,000.000	E	100	390	ug/Kg
P3898-09	DDC60	Solid	Phenanthrene	1,100.000		32	200	ug/Kg
P3898-09	DDC60	Solid	Pyrene	97.000	J	21	200	ug/Kg
Total Svoc :				238,995.00				
Total Concentration:				343,285.00				
Client ID : DDC61								
P3898-10	DDC61	Solid	(DEL) Alkane: Cyclic12.154	*	120.000	J		
P3898-10	DDC61	Solid	(DEL) Alkane: Cyclic8.194	*	320.000	J		

Hit Summary Sheet SW-846

SDG No.: BG091324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3898-10	DDC61	Solid	(DEL) Alkane: Cyclic9.839	*	240.000	J		
P3898-10	DDC61	Solid	(DEL) Alkane: Straight-Chain10.1	*	130.000	J		
P3898-10	DDC61	Solid	(DEL) Alkane: Straight-Chain11.2	*	250.000	J		
P3898-10	DDC61	Solid	(DEL) Alkane: Straight-Chain12.1	*	280.000	J		
P3898-10	DDC61	Solid	(DEL) Alkane: Straight-Chain14.(	*	1,300.000	J		
P3898-10	DDC61	Solid	(DEL) Alkane: Straight-Chain14.4	*	3,000.000	J		
P3898-10	DDC61	Solid	(DEL) Alkane: Straight-Chain15.(	*	680.000	J		
P3898-10	DDC61	Solid	(DEL) Alkane: Straight-Chain15.2	*	2,800.000	J		
P3898-10	DDC61	Solid	(DEL) Alkane: Straight-Chain15.7	*	1,600.000	J		
P3898-10	DDC61	Solid	(DEL) Alkane: Straight-Chain16.2	*	1,800.000	J		
P3898-10	DDC61	Solid	(DEL) Alkane: Straight-Chain17.(	*	1,500.000	J		
P3898-10	DDC61	Solid	(DEL) Alkane: Straight-Chain17.(	*	950.000	J		
P3898-10	DDC61	Solid	(DEL) Alkane: Straight-Chain17.7	*	1,100.000	J		
P3898-10	DDC61	Solid	(DEL) Alkane: Straight-Chain18.4	*	740.000	J		
P3898-10	DDC61	Solid	(DEL) Alkane: Straight-Chain19.(	*	590.000	J		
P3898-10	DDC61	Solid	(DEL) Alkane: Straight-Chain20.2	*	400.000	J		
P3898-10	DDC61	Solid	(DEL) Alkane: Straight-Chain22.2	*	450.000	J		
P3898-10	DDC61	Solid	(DEL) Alkane: Straight-Chain5.92	*	680.000	J		
P3898-10	DDC61	Solid	(DEL) Alkane: Straight-Chain6.9(	*	370.000	J		
P3898-10	DDC61	Solid	(DEL) Alkane: Straight-Chain6.9(	*	400.000	J		
P3898-10	DDC61	Solid	(DEL) Alkane: Straight-Chain7.52	*	3,000.000	J		
P3898-10	DDC61	Solid	(DEL) Alkane: Straight-Chain7.82	*	350.000	J		
P3898-10	DDC61	Solid	(DEL) Alkane: Straight-Chain8.42	*	610.000	J		
P3898-10	DDC61	Solid	(DEL) Alkane: Straight-Chain8.5(	*	270.000	J		
P3898-10	DDC61	Solid	(DEL) Alkane: Straight-Chain8.62	*	640.000	J		
P3898-10	DDC61	Solid	(DEL) Alkane: Straight-Chain9.14	*	3,300.000	J		
P3898-10	DDC61	Solid	(DEL) Alkane: Straight-Chain9.98	*	150.000	J		
P3898-10	DDC61	Solid	1,1-Hexylenedioxybutane	*	1,000.000	J		
P3898-10	DDC61	Solid	1-Isobutoxy-2-ethylhexane	*	1,500.000	J		
P3898-10	DDC61	Solid	2-Amino-5-isopropyl-8-methyl-1-	*	470.000	J		
P3898-10	DDC61	Solid	2-Heptanone, 4,6-dimethyl-	*	530.000	J		
P3898-10	DDC61	Solid	3,4-Dimethyl(1H)pyrrole, 2-[(3,4-	*	1,800.000	J		
P3898-10	DDC61	Solid	Benzene, (1-methylpropyl)-	*	450.000	J		
P3898-10	DDC61	Solid	Benzene, 1,2,3-trimethyl-	*	380.000	J		
P3898-10	DDC61	Solid	Benzene, 1,4-diethyl-	*	470.000	J		
P3898-10	DDC61	Solid	Benzene, 1-ethyl-2-methyl-	*	330.000	J		
P3898-10	DDC61	Solid	Benzene, 1-ethyl-3-methyl-	*	370.000	J		
P3898-10	DDC61	Solid	Benzene, 4-ethyl-1,2-dimethyl-	*	300.000	J		
P3898-10	DDC61	Solid	Benzophenone	*	960.000	J		
P3898-10	DDC61	Solid	Butanoic acid, butyl ester	*	710.000	J		

Hit Summary Sheet SW-846

SDG No.: BG091324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3898-10	DDC61	Solid	Cyclohexanone, 3,3,5-trimethyl-	* 770.000	J			
P3898-10	DDC61	Solid	Cyclopropane, 1-methoxy-2,2-dimethyl-	* 1,100.000	J			
P3898-10	DDC61	Solid	Naphthalene, 1,3-dimethyl-	* 1,200.000	J			
P3898-10	DDC61	Solid	Naphthalene, 1,6,7-trimethyl-	* 840.000	J			
P3898-10	DDC61	Solid	Naphthalene, 1,6-dimethyl-	* 1,300.000	J			
P3898-10	DDC61	Solid	Naphthalene, 2,3,6-trimethyl-	* 560.000	J			
P3898-10	DDC61	Solid	o-Cymene	* 480.000	J			
P3898-10	DDC61	Solid	Oxalic acid, 2-ethylhexyl tetradec	* 720.000	J			
P3898-10	DDC61	Solid	Propanoic acid, 2-methyl-, butyl e	* 860.000	J			
P3898-10	DDC61	Solid	Tridecanoic acid, methyl ester	* 710.000	J			
P3898-10	DDC61	Solid	unknown-01	* 1,300.000	J			
P3898-10	DDC61	Solid	unknown-02	* 530.000	J			
P3898-10	DDC61	Solid	unknown-03	* 1,100.000	J			
P3898-10	DDC61	Solid	unknown-04	* 1,300.000	J			
P3898-10	DDC61	Solid	unknown-05	* 790.000	J			
P3898-10	DDC61	Solid	unknown-06	* 370.000	J			
P3898-10	DDC61	Solid	unknown-07	* 390.000	J			
P3898-10	DDC61	Solid	Total Alkanes	* 28,000.000		32	210	ug/Kg
Total Tics :				79,610.00				
P3898-10	DDC61	Solid	1,1-Biphenyl	87.000	J	32	210	ug/Kg
P3898-10	DDC61	Solid	1-Methylnaphthalene	650.000		30	210	ug/Kg
P3898-10	DDC61	Solid	2,3,4,6-Tetrachlorophenol	7,900.000	E	44	210	ug/Kg
P3898-10	DDC61	Solid	2,4,5-Trichlorophenol	140.000	J	41	210	ug/Kg
P3898-10	DDC61	Solid	2,4,6-Trichlorophenol	58.000	J	30	210	ug/Kg
P3898-10	DDC61	Solid	2-Methylnaphthalene	1,100.000		40	210	ug/Kg
P3898-10	DDC61	Solid	Acenaphthene	48.000	J	32	210	ug/Kg
P3898-10	DDC61	Solid	Fluorene	63.000	J	33	210	ug/Kg
P3898-10	DDC61	Solid	Naphthalene	510.000		30	210	ug/Kg
P3898-10	DDC61	Solid	Pentachlorophenol	82,000.000	E	110	410	ug/Kg
P3898-10	DDC61	Solid	Phenanthrene	180.000	J	33	210	ug/Kg
Total Svoc :				92,736.00				
Total Concentration:				172,346.00				
Client ID : DDC78								
P3898-13	DDC78	Solid	(DEL) Alkane: Cyclic6.555	* 250.000	J			
P3898-13	DDC78	Solid	(DEL) Alkane: Cyclic8.200	* 330.000	J			
P3898-13	DDC78	Solid	(DEL) Alkane: Straight-Chain11.0	* 170.000	J			
P3898-13	DDC78	Solid	(DEL) Alkane: Straight-Chain14.4	* 1,400.000	J			
P3898-13	DDC78	Solid	(DEL) Alkane: Straight-Chain15.2	* 1,700.000	J			
P3898-13	DDC78	Solid	(DEL) Alkane: Straight-Chain16.2	* 2,700.000	J			
P3898-13	DDC78	Solid	(DEL) Alkane: Straight-Chain17.7	* 2,000.000	J			

Hit Summary Sheet SW-846

SDG No.: BG091324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3898-13	DDC78	Solid	(DEL) Alkane: Straight-Chain18.4 *	1,800.000	J			
P3898-13	DDC78	Solid	(DEL) Alkane: Straight-Chain20.7 *	800.000	J			
P3898-13	DDC78	Solid	(DEL) Alkane: Straight-Chain21.7 *	1,100.000	J			
P3898-13	DDC78	Solid	(DEL) Alkane: Straight-Chain22.2 *	4,300.000	J			
P3898-13	DDC78	Solid	(DEL) Alkane: Straight-Chain22.5 *	670.000	J			
P3898-13	DDC78	Solid	(DEL) Alkane: Straight-Chain5.9 *	620.000	J			
P3898-13	DDC78	Solid	(DEL) Alkane: Straight-Chain6.4 *	220.000	J			
P3898-13	DDC78	Solid	(DEL) Alkane: Straight-Chain6.9 *	770.000	J			
P3898-13	DDC78	Solid	(DEL) Alkane: Straight-Chain6.9 *	570.000	J			
P3898-13	DDC78	Solid	(DEL) Alkane: Straight-Chain7.5 *	3,700.000	J			
P3898-13	DDC78	Solid	(DEL) Alkane: Straight-Chain7.7 *	240.000	J			
P3898-13	DDC78	Solid	(DEL) Alkane: Straight-Chain7.8 *	420.000	J			
P3898-13	DDC78	Solid	(DEL) Alkane: Straight-Chain8.1 *	250.000	J			
P3898-13	DDC78	Solid	(DEL) Alkane: Straight-Chain8.1 *	260.000	J			
P3898-13	DDC78	Solid	(DEL) Alkane: Straight-Chain8.4 *	810.000	J			
P3898-13	DDC78	Solid	(DEL) Alkane: Straight-Chain8.6 *	780.000	J			
P3898-13	DDC78	Solid	1-Iodo-2-methylundecane *	910.000	J			
P3898-13	DDC78	Solid	10-Octadecenoic acid, methyl este *	5,300.000	J			
P3898-13	DDC78	Solid	4-Methyl-3-heptanol, pentafluorop *	420.000	J			
P3898-13	DDC78	Solid	9-Octadecenoic acid, (E)- *	1,300.000	J			
P3898-13	DDC78	Solid	Benzene, 1,2,4-trimethyl- *	550.000	J			
P3898-13	DDC78	Solid	Benzene, 1-ethyl-2-methyl- *	740.000	J			
P3898-13	DDC78	Solid	Benzene, 1-ethyl-4-methyl- *	510.000	J			
P3898-13	DDC78	Solid	Benzene, 1-methyl-4-propyl- *	450.000	J			
P3898-13	DDC78	Solid	Benzene, 2-ethyl-1,4-dimethyl- *	420.000	J			
P3898-13	DDC78	Solid	Benzene, 4-ethyl-1,2-dimethyl- *	680.000	J			
P3898-13	DDC78	Solid	Benzophenone *	600.000	J			
P3898-13	DDC78	Solid	Carbonic acid, 2-ethylhexyl undec *	2,800.000	J			
P3898-13	DDC78	Solid	Carbonic acid, prop-1-en-2-yl trid *	3,100.000	J			
P3898-13	DDC78	Solid	cis-Hexenyl octyne carbonate *	1,200.000	J			
P3898-13	DDC78	Solid	Cyclohexanone, 3,3,5-trimethyl- *	1,900.000	J			
P3898-13	DDC78	Solid	Hexadecanoic acid, methyl ester *	4,200.000	J			
P3898-13	DDC78	Solid	Methyl stearate *	1,900.000	J			
P3898-13	DDC78	Solid	n-Hexadecanoic acid *	1,300.000	J			
P3898-13	DDC78	Solid	Naphthalene, 1,3-dimethyl- *	1,500.000	J			
P3898-13	DDC78	Solid	Naphthalene, 1,4,6-trimethyl- *	570.000	J			
P3898-13	DDC78	Solid	Naphthalene, 1,5-dimethyl- *	790.000	J			
P3898-13	DDC78	Solid	Naphthalene, 1,6,7-trimethyl- *	700.000	J			
P3898-13	DDC78	Solid	Naphthalene, 2,3,6-trimethyl- *	710.000	J			
P3898-13	DDC78	Solid	Naphthalene, 2,7-dimethyl- *	1,600.000	J			

Hit Summary Sheet
SW-846

SDG No.: BG091324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3898-13	DDC78	Solid	o-Cymene	*	920.000	J		
P3898-13	DDC78	Solid	Oxalic acid, isobutyl octyl ester	*	920.000	J		
P3898-13	DDC78	Solid	Tetradecane, 1-iodo-	*	1,400.000	J		
P3898-13	DDC78	Solid	unknown-01	*	730.000	J		
P3898-13	DDC78	Solid	unknown-02	*	900.000	J		
P3898-13	DDC78	Solid	unknown-03	*	840.000	J		
P3898-13	DDC78	Solid	Total Alkanes	*	26,000.000	31	200	ug/Kg
Total Tics :				91,720.00				
P3898-13	DDC78	Solid	1,1-Biphenyl		90.000	J 31	200	ug/Kg
P3898-13	DDC78	Solid	1-Methylnaphthalene		1,300.000	28	200	ug/Kg
P3898-13	DDC78	Solid	2,3,4,6-Tetrachlorophenol		12,000.000	E 43	200	ug/Kg
P3898-13	DDC78	Solid	2,4,5-Trichlorophenol		65.000	J 39	200	ug/Kg
P3898-13	DDC78	Solid	2,4,6-Trichlorophenol		170.000	J 28	200	ug/Kg
P3898-13	DDC78	Solid	2-Methylnaphthalene		2,400.000	38	200	ug/Kg
P3898-13	DDC78	Solid	Acenaphthene		120.000	J 31	200	ug/Kg
P3898-13	DDC78	Solid	Fluorene		140.000	J 32	200	ug/Kg
P3898-13	DDC78	Solid	Naphthalene		850.000	28	200	ug/Kg
P3898-13	DDC78	Solid	Pentachlorophenol		140,000.000	E 100	390	ug/Kg
P3898-13	DDC78	Solid	Phenanthrene		470.000	32	200	ug/Kg
Total Svoc :				157,605.00				
Total Concentration:				249,325.00				

Client ID : DDC90

P3898-17	DDC90	Solid	(DEL) Alkane: Cyclic6.556	*	270.000	J		
P3898-17	DDC90	Solid	(DEL) Alkane: Straight-Chain11.0	*	220.000	J		
P3898-17	DDC90	Solid	(DEL) Alkane: Straight-Chain12.1	*	120.000	J		
P3898-17	DDC90	Solid	(DEL) Alkane: Straight-Chain14.0	*	640.000	J		
P3898-17	DDC90	Solid	(DEL) Alkane: Straight-Chain14.4	*	1,400.000	J		
P3898-17	DDC90	Solid	(DEL) Alkane: Straight-Chain15.3	*	1,700.000	J		
P3898-17	DDC90	Solid	(DEL) Alkane: Straight-Chain15.7	*	820.000	J		
P3898-17	DDC90	Solid	(DEL) Alkane: Straight-Chain16.2	*	3,000.000	J		
P3898-17	DDC90	Solid	(DEL) Alkane: Straight-Chain17.1	*	800.000	J		
P3898-17	DDC90	Solid	(DEL) Alkane: Straight-Chain17.7	*	2,200.000	J		
P3898-17	DDC90	Solid	(DEL) Alkane: Straight-Chain18.4	*	1,900.000	J		
P3898-17	DDC90	Solid	(DEL) Alkane: Straight-Chain20.7	*	600.000	J		
P3898-17	DDC90	Solid	(DEL) Alkane: Straight-Chain21.7	*	800.000	J		
P3898-17	DDC90	Solid	(DEL) Alkane: Straight-Chain22.5	*	510.000	J		
P3898-17	DDC90	Solid	(DEL) Alkane: Straight-Chain5.9	*	710.000	J		
P3898-17	DDC90	Solid	(DEL) Alkane: Straight-Chain6.4	*	270.000	J		
P3898-17	DDC90	Solid	(DEL) Alkane: Straight-Chain6.9	*	950.000	J		
P3898-17	DDC90	Solid	(DEL) Alkane: Straight-Chain6.9	*	610.000	J		

Hit Summary Sheet SW-846

SDG No.: BG091324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3898-17	DDC90	Solid	(DEL) Alkane: Straight-Chain7.5(*	3,800.000	J			
P3898-17	DDC90	Solid	(DEL) Alkane: Straight-Chain7.7(*	250.000	J			
P3898-17	DDC90	Solid	(DEL) Alkane: Straight-Chain7.8(*	460.000	J			
P3898-17	DDC90	Solid	(DEL) Alkane: Straight-Chain8.1(*	320.000	J			
P3898-17	DDC90	Solid	(DEL) Alkane: Straight-Chain8.5(*	430.000	J			
P3898-17	DDC90	Solid	(DEL) Alkane: Straight-Chain8.6(*	850.000	J			
P3898-17	DDC90	Solid	2-Bromo dodecane	* 710.000	J			
P3898-17	DDC90	Solid	2-Heptanone, 4,6-dimethyl-	* 430.000	J			
P3898-17	DDC90	Solid	9-Octadecenoic acid, (E)-	* 900.000	J			
P3898-17	DDC90	Solid	Benzene, 1,2,3-trimethyl-	* 660.000	J			
P3898-17	DDC90	Solid	Benzene, 1,2-diethyl-	* 800.000	J			
P3898-17	DDC90	Solid	Benzene, 1-ethyl-2-methyl-	* 670.000	J			
P3898-17	DDC90	Solid	Benzene, 1-methyl-4-propyl-	* 450.000	J			
P3898-17	DDC90	Solid	Carbonic acid, decyl 2-ethylhexyl	* 1,900.000	J			
P3898-17	DDC90	Solid	Carbonic acid, prop-1-en-2-yl trid	* 3,300.000	J			
P3898-17	DDC90	Solid	cis-13-Octadecenoic acid, methyl	* 5,700.000	J			
P3898-17	DDC90	Solid	cis-Hexenyl octyne carbonate	* 970.000	J			
P3898-17	DDC90	Solid	Cyclohexanone, 3,3,5-trimethyl-	* 1,400.000	J			
P3898-17	DDC90	Solid	Heptane, 3-[(ethenyloxy)methyl]-	* 640.000	J			
P3898-17	DDC90	Solid	Hexadecanoic acid, methyl ester	* 4,500.000	J			
P3898-17	DDC90	Solid	Indane	* 440.000	J			
P3898-17	DDC90	Solid	Mesitylene	* 1,000.000	J			
P3898-17	DDC90	Solid	Methyl stearate	* 2,000.000	J			
P3898-17	DDC90	Solid	Naphthalene, 1,3-dimethyl-	* 800.000	J			
P3898-17	DDC90	Solid	Naphthalene, 1,4,6-trimethyl-	* 640.000	J			
P3898-17	DDC90	Solid	Naphthalene, 1,4-dimethyl-	* 1,400.000	J			
P3898-17	DDC90	Solid	Naphthalene, 1,6,7-trimethyl-	* 550.000	J			
P3898-17	DDC90	Solid	Naphthalene, 2,3,6-trimethyl-	* 840.000	J			
P3898-17	DDC90	Solid	Naphthalene, 2,7-dimethyl-	* 1,700.000	J			
P3898-17	DDC90	Solid	Nonanedioic acid, bis(2-ethylhexy	* 2,300.000	J			
P3898-17	DDC90	Solid	o-Cymene	* 840.000	J			
P3898-17	DDC90	Solid	Tridecanoic acid	* 1,300.000	J			
P3898-17	DDC90	Solid	unknown-01	* 870.000	J			
P3898-17	DDC90	Solid	unknown-02	* 800.000	J			
P3898-17	DDC90	Solid	unknown-03	* 910.000	J			
P3898-17	DDC90	Solid	unknown-04	* 540.000	J			
P3898-17	DDC90	Solid	Total Alkanes	* 24,000.000		31	200	ug/Kg
Total Tics :				87,590.00				
P3898-17	DDC90	Solid	1,1-Biphenyl	130.000	J	31	200	ug/Kg
P3898-17	DDC90	Solid	1-Methylnaphthalene	1,900.000		29	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG091324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3898-17	DDC90	Solid	2,3,4,6-Tetrachlorophenol	16,000.000	E	43	200	ug/Kg
P3898-17	DDC90	Solid	2,4,5-Trichlorophenol	78.000	J	40	200	ug/Kg
P3898-17	DDC90	Solid	2,4,6-Trichlorophenol	110.000	J	29	200	ug/Kg
P3898-17	DDC90	Solid	2-Methylnaphthalene	3,200.000		38	200	ug/Kg
P3898-17	DDC90	Solid	Acenaphthene	170.000	J	31	200	ug/Kg
P3898-17	DDC90	Solid	Bis(2-ethylhexyl)phthalate	46.000	J	30	200	ug/Kg
P3898-17	DDC90	Solid	Fluorene	210.000		32	200	ug/Kg
P3898-17	DDC90	Solid	Naphthalene	1,200.000		29	200	ug/Kg
P3898-17	DDC90	Solid	Pentachlorophenol	170,000.000	E	110	400	ug/Kg
P3898-17	DDC90	Solid	Phenanthrene	620.000		32	200	ug/Kg
P3898-17	DDC90	Solid	Pyrene	45.000	J	22	200	ug/Kg
Total Svoc :				193,709.00				
Total Concentration:				281,299.00				

Client ID : DDCB9

P3898-19	DDCB9	Solid	(DEL) Alkane: Straight-Chain16.2 *	83.000	J			
P3898-19	DDCB9	Solid	(DEL) Alkane: Straight-Chain17.(*	530.000	J			
P3898-19	DDCB9	Solid	(DEL) Alkane: Straight-Chain17.(*	470.000	J			
P3898-19	DDCB9	Solid	(DEL) Alkane: Straight-Chain17.7 *	370.000	J			
P3898-19	DDCB9	Solid	(DEL) Alkane: Straight-Chain17.7 *	500.000	J			
P3898-19	DDCB9	Solid	(DEL) Alkane: Straight-Chain18.4 *	740.000	J			
P3898-19	DDCB9	Solid	(DEL) Alkane: Straight-Chain3.28 *	83.000	J			
P3898-19	DDCB9	Solid	(DEL) Alkane: Straight-Chain9.12 *	110.000	J			
P3898-19	DDCB9	Solid	Benzophenone	270.000	J			
P3898-19	DDCB9	Solid	Dodecane, 1-iodo-	1,100.000	J			
P3898-19	DDCB9	Solid	Phenol, 2,3,5,6-tetrachloro-	120.000	J			
P3898-19	DDCB9	Solid	unknown-01	130.000	J			
P3898-19	DDCB9	Solid	unknown-02	760.000	J			
P3898-19	DDCB9	Solid	Total Alkanes	2,900.000		30	190	ug/Kg
Total Tics :				8,166.00				
P3898-19	DDCB9	Solid	2,3,4,6-Tetrachlorophenol	380.000		41	190	ug/Kg
P3898-19	DDCB9	Solid	Pentachlorophenol	11,000.000	E	100	380	ug/Kg
Total Svoc :				11,380.00				
Total Concentration:				19,546.00				

Client ID : DDC59

P3898-20	DDC59	Solid	(DEL) Alkane: Cyclic12.794 *	690.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Cyclic6.560 *	480.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Cyclic9.856 *	150.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Straight-Chain10.(*	170.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Straight-Chain10.1 *	160.000	J			

Hit Summary Sheet SW-846

SDG No.: BG091324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3898-20	DDC59	Solid	(DEL) Alkane: Straight-Chain11.2 *	210.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Straight-Chain11.7 *	220.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Straight-Chain12.1 *	340.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Straight-Chain14.0 *	1,100.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Straight-Chain14.0 *	670.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Straight-Chain14.4 *	3,500.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Straight-Chain15.0 *	450.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Straight-Chain15.4 *	2,200.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Straight-Chain15.8 *	570.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Straight-Chain15.9 *	520.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Straight-Chain16.2 *	2,100.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Straight-Chain17.8 *	1,500.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Straight-Chain18.4 *	1,000.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Straight-Chain19.1 *	1,300.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Straight-Chain20.2 *	1,000.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Straight-Chain20.7 *	760.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Straight-Chain21.7 *	860.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Straight-Chain22.3 *	1,400.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Straight-Chain5.9 *	1,200.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Straight-Chain6.4 *	420.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Straight-Chain6.91 *	1,000.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Straight-Chain6.9 *	780.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Straight-Chain7.5 *	4,200.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Straight-Chain7.7 *	340.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Straight-Chain7.8 *	380.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Straight-Chain8.12 *	340.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Straight-Chain8.4 *	910.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Straight-Chain8.5 *	400.000	J			
P3898-20	DDC59	Solid	(DEL) Alkane: Straight-Chain8.6 *	900.000	J			
P3898-20	DDC59	Solid	1,1-Hexylenedioxybutane *	630.000	J			
P3898-20	DDC59	Solid	1-Hexanol, 2-ethyl- *	2,300.000	J			
P3898-20	DDC59	Solid	1-Iodo-2-methylundecane *	660.000	J			
P3898-20	DDC59	Solid	1H-Indole, 4-(3-methyl-2-butenyl) *	1,800.000	J			
P3898-20	DDC59	Solid	2-Amino-5-isopropyl-8-methyl-1- *	860.000	J			
P3898-20	DDC59	Solid	2-Heptanone, 4,6-dimethyl- *	890.000	J			
P3898-20	DDC59	Solid	9-Octadecenoic acid, (E)- *	940.000	J			
P3898-20	DDC59	Solid	Benzene, (1-methylethyl)- *	400.000	J			
P3898-20	DDC59	Solid	Benzene, 1,2,3-trimethyl- *	710.000	J			
P3898-20	DDC59	Solid	Benzene, 1,3-diethyl- *	740.000	J			
P3898-20	DDC59	Solid	Benzene, 1-ethyl-2,3-dimethyl- *	510.000	J			

Hit Summary Sheet
SW-846

SDG No.: BG091324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3898-20	DDC59	Solid	Benzene, 1-ethyl-2,4-dimethyl-	* 760.000	J			
P3898-20	DDC59	Solid	Benzene, 1-ethyl-2-methyl-	* 610.000	J			
P3898-20	DDC59	Solid	Benzene, 1-methyl-4-propyl-	* 580.000	J			
P3898-20	DDC59	Solid	Butanoic acid, butyl ester	* 990.000	J			
P3898-20	DDC59	Solid	Carbonic acid, prop-1-en-2-yl trid	* 4,400.000	J			
P3898-20	DDC59	Solid	Cyclohexanone, 3,3,5-trimethyl-	* 890.000	J			
P3898-20	DDC59	Solid	Naphthalene, 1,3-dimethyl-	* 1,100.000	J			
P3898-20	DDC59	Solid	Naphthalene, 1,6,7-trimethyl-	* 540.000	J			
P3898-20	DDC59	Solid	Naphthalene, 2,3,6-trimethyl-	* 2,100.000	J			
P3898-20	DDC59	Solid	Naphthalene, 2,6-dimethyl-	* 890.000	J			
P3898-20	DDC59	Solid	Oxalic acid, decyl 2-ethylhexyl es	* 1,900.000	J			
P3898-20	DDC59	Solid	Propanoic acid, 2-methyl-, butyl e	* 1,100.000	J			
P3898-20	DDC59	Solid	Tridecanoic acid, methyl ester	* 930.000	J			
P3898-20	DDC59	Solid	unknown-01	* 1,200.000	J			
P3898-20	DDC59	Solid	unknown-02	* 560.000	J			
P3898-20	DDC59	Solid	unknown-03	* 870.000	J			
P3898-20	DDC59	Solid	unknown-04	* 1,400.000	J			
P3898-20	DDC59	Solid	unknown-05	* 1,000.000	J			
P3898-20	DDC59	Solid	unknown-06	* 470.000	J			
P3898-20	DDC59	Solid	Total Alkanes	* 32,000.000		33	220	ug/Kg
Total Tics :				96,950.00				
P3898-20	DDC59	Solid	1,1-Biphenyl	550.000		33	220	ug/Kg
P3898-20	DDC59	Solid	1-Methylnaphthalene	5,200.000	E	31	220	ug/Kg
P3898-20	DDC59	Solid	2,3,4,6-Tetrachlorophenol	43,000.000	E	46	220	ug/Kg
P3898-20	DDC59	Solid	2,4,5-Trichlorophenol	300.000		42	220	ug/Kg
P3898-20	DDC59	Solid	2,4,6-Trichlorophenol	370.000		31	220	ug/Kg
P3898-20	DDC59	Solid	2-Methylnaphthalene	7,800.000	E	41	220	ug/Kg
P3898-20	DDC59	Solid	Acenaphthene	220.000		33	220	ug/Kg
P3898-20	DDC59	Solid	Bis(2-ethylhexyl)phthalate	190.000	J	32	220	ug/Kg
P3898-20	DDC59	Solid	Fluoranthene	68.000	J	24	220	ug/Kg
P3898-20	DDC59	Solid	Fluorene	440.000		35	220	ug/Kg
P3898-20	DDC59	Solid	Naphthalene	4,200.000	E	31	220	ug/Kg
P3898-20	DDC59	Solid	Pentachlorophenol	320,000.000	E	110	420	ug/Kg
P3898-20	DDC59	Solid	Phenanthrene	1,200.000		35	220	ug/Kg
P3898-20	DDC59	Solid	Pyrene	91.000	J	23	220	ug/Kg
Total Svoc :				383,629.00				
Total Concentration:				480,579.00				
Client ID : C0B38								
P3952-09	C0B38	Water	Benzene, 1,2-diethyl-	* 2.200	J			
P3952-09	C0B38	Water	Benzene, 1,3-dimethyl-	* 14.000	J			

Hit Summary Sheet SW-846

SDG No.: BG091324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3952-09	C0B38	Water	Benzene, 1-chloro-2-methyl-	*	24.000	J		
P3952-09	C0B38	Water	Benzene, 1-ethyl-3-methyl-	*	3.500	J		
P3952-09	C0B38	Water	Benzene, 1-ethyl-4-methyl-	*	4.300	J		
P3952-09	C0B38	Water	Benzene, 1-methyl-4-propyl-	*	2.400	J		
P3952-09	C0B38	Water	Formamide, N,N-dimethyl-	*	3.000	J		
P3952-09	C0B38	Water	unknown-01	*	2.700	J		
P3952-09	C0B38	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			56.10		
P3952-09	C0B38	Water	1,4-Dioxane		6.800	1.2	2	ug/L
P3952-09	C0B38	Water	Naphthalene		2.200	J 0.7	5	ug/L
			Total Svoc :			9.00		
			Total Concentration:			65.10		
Client ID : C0B40								
P3952-10	C0B40	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			0.00		
P3952-10	C0B40	Water	1,4-Dioxane		3.400	1.2	2	ug/L
			Total Svoc :			3.40		
			Total Concentration:			3.40		
Client ID : C0B49								
P3952-11	C0B49	Water	Total Alkanes	*	0.000	1	5.1	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : C0B51								
P3952-12	C0B51	Water	Benzophenone	*	4.500	J		
P3952-12	C0B51	Water	Dodecanoic acid	*	42.000	J		
P3952-12	C0B51	Water	n-Hexadecanoic acid	*	2.800	J		
P3952-12	C0B51	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			49.30		
			Total Concentration:			49.30		
Client ID : C0B57								
P3952-13	C0B57	Water	Benzophenone	*	6.800	J		
P3952-13	C0B57	Water	Dodecanoic acid	*	7.100	J		
P3952-13	C0B57	Water	n-Hexadecanoic acid	*	2.300	J		
P3952-13	C0B57	Water	Total Alkanes	*	0.000	1	5.1	ug/L
			Total Tics :			16.20		
P3952-13	C0B57	Water	1,4-Dioxane		2.100	1.2	2	ug/L
			Total Svoc :			2.10		
			Total Concentration:			18.30		



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BG091324

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG090924SAS No.: BG090924SDG No.: BG090924

Instrument ID: _____

Calibration Date(s): 9/9/2024 1:Calibration Time(s): 14:21

LAB FILE ID:		RRF _{FAL1} = BG062688.D		RRF _{FAL2} = BG062689.D		RRF _{FAL3} = BG062690.D		
		RRF _{FAL4} = BG062691.D		RRF _{FAL5} = BG062692.D		RRF _{FAL6} = BG062693.D		
COMPOUND	RRF _{FAL1}	RRF _{FAL2}	RRF _{FAL3}	RRF _{FAL4}	RRF _{FAL5}	RRF _{FAL6}	RRF	% RSD
1,4-Dioxane	0.446	0.611	0.434	0.501	0.488		0.496	14.2
Benzaldehyde		1.063	1.183	1.052	0.806	0.716	0.964	20.2
Pyridine		1.545	1.384	1.478	1.516	1.462	1.477	4.1
Hexachloroethane	0.472	0.565	0.513	0.543	0.535		0.526	6.7
Nitrobenzene	0.336	0.408	0.387	0.400	0.403		0.387	7.6
Isophorone	0.716	0.840	0.788	0.795	0.815		0.791	5.9
2-Nitrophenol	0.141	0.180	0.172	0.182	0.186		0.172	10.5
2,4-Dimethylphenol	0.331	0.388	0.364	0.372	0.385		0.368	6.2
Bis(2-Chloroethoxy)methane	0.411	0.474	0.438	0.443	0.443		0.442	5.1
2,4-Dichlorophenol	0.292	0.354	0.332	0.347	0.351		0.335	7.6
Naphthalene	1.016	1.177	1.049	1.069	1.051		1.072	5.7
4-Chloroaniline		0.497	0.447	0.470	0.479	0.435	0.465	5.4
Hexachlorobutadiene	0.266	0.301	0.272	0.280	0.277		0.279	4.7
Phenol		1.803	1.757	1.797	1.874	1.884	1.823	3.0
Caprolactam		0.134	0.120	0.123	0.124	0.118	0.124	5.0
4-Chloro-3-methylphenol	0.330	0.387	0.353	0.377	0.383		0.366	6.6
1-Methylnaphthalene	0.778	0.867	0.797	0.808	0.804		0.811	4.1
2-Methylnaphthalene	0.743	0.841	0.784	0.798	0.791		0.791	4.4
Hexachlorocyclopentadiene		0.323	0.326	0.351	0.366	0.393	0.352	8.2
2,4,6-Trichlorophenol	0.379	0.432	0.407	0.433	0.431		0.416	5.6
2,4,5-Trichlorophenol	0.389	0.469	0.443	0.464	0.472		0.447	7.7
1,1-Biphenyl	1.349	1.544	1.376	1.398	1.365		1.406	5.6
2-Chloronaphthalene	1.081	1.226	1.129	1.158	1.125		1.144	4.7
2-Nitroaniline	0.256	0.321	0.305	0.340	0.346		0.314	11.4
Bis(2-Chloroethyl)ether		1.455	1.370	1.362	1.375	1.328	1.378	3.4
Dimethylphthalate	1.504	1.778	1.539	1.587	1.522		1.586	7.1
2,6-Dinitrotoluene	0.218	0.294	0.277	0.300	0.308		0.279	12.9
Acenaphthylene	1.715	1.989	1.780	1.818	1.728		1.806	6.1
3-Nitroaniline		0.297	0.283	0.292	0.266	0.260	0.280	5.8
Acenaphthene	1.227	1.414	1.248	1.271	1.236		1.279	6.0
2,4-Dinitrophenol		0.141	0.154	0.192	0.207	0.228	0.185	19.6
4-Nitrophenol		0.242	0.219	0.238	0.242	0.234	0.235	4.0
Dibenzofuran	1.829	2.091	1.889	1.889	1.803		1.900	6.0
2,4-Dinitrotoluene	0.360	0.460	0.428	0.462	0.475		0.437	10.6
Diethylphthalate	1.476	1.760	1.536	1.559	1.493		1.565	7.3
2-Chlorophenol	1.168	1.311	1.296	1.355	1.400		1.306	6.7

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG090924SAS No.: BG090924SDG No.: BG090924

Instrument ID: _____

Calibration Date(s): 9/9/2024 1:Calibration Time(s): 14:21

LAB FILE ID:		RRFAL1 = BG062688.D		RRFAL2 = BG062689.D		RRFAL3 = BG062690.D		
		RRFAL4 = BG062691.D		RRFAL5 = BG062692.D		RRFAL6 = BG062693.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.486	1.657	1.457	1.482	1.381		1.493	6.8
4-Chlorophenyl-phenylether	0.857	0.981	0.860	0.862	0.818		0.876	7.1
4-Nitroaniline		0.328	0.309	0.319	0.278	0.271	0.301	8.3
4,6-Dinitro-2-methylphenol		0.108	0.111	0.123	0.129	0.126	0.119	8.1
N-Nitrosodiphenylamine	0.483	0.542	0.506	0.523	0.511		0.513	4.3
1,2,4,5-Tetrachlorobenzene	0.638	0.744	0.677	0.699	0.680		0.688	5.6
4-Bromophenyl-phenylether	0.216	0.248	0.223	0.234	0.229		0.230	5.1
Hexachlorobenzene	0.253	0.277	0.258	0.267	0.260		0.263	3.5
Atrazine		0.258	0.225	0.232	0.230	0.197	0.228	9.4
Pentachlorophenol		0.141	0.144	0.165	0.170	0.167	0.157	8.7
2-Methylphenol		1.305	1.325	1.369	1.419	1.418	1.367	3.8
Phenanthrene	1.004	1.149	1.025	1.047	0.975		1.040	6.4
Pentachlorobenzene	0.294	0.319	0.295	0.301	0.304		0.303	3.2
Anthracene	1.013	1.170	1.054	1.069	0.996		1.060	6.4
1,2,3,4-Tetrachlorobenzene	0.248	0.285	0.269	0.280	0.283		0.273	5.7
Carbazole		1.010	0.883	0.914	0.858	0.731	0.879	11.5
Di-n-butylphthalate	0.956	1.166	1.027	1.067	0.984		1.040	7.9
Fluoranthene	1.194	1.352	1.269	1.259	1.158		1.246	6.0
Pyrene	1.319	1.471	1.363	1.351	1.205		1.342	7.1
Butylbenzylphthalate	0.339	0.410	0.391	0.422	0.429		0.398	9.1
3,3-Dichlorobenzidine		0.479	0.454	0.445	0.395	0.332	0.421	13.9
2,2-oxybis (1-Chloropropane)		2.541	2.469	2.455	2.494	2.443	2.481	1.6
Benzo (a) anthracene	1.343	1.539	1.377	1.392	1.303		1.391	6.5
Chrysene	1.280	1.460	1.309	1.320	1.229		1.320	6.5
Bis (2-ethylhexyl) phthalate	0.525	0.610	0.582	0.612	0.603		0.587	6.2
Di-n-octyl phthalate		0.972	0.893	0.980	0.976	0.831	0.930	7.1
Benzo (b) fluoranthene	1.172	1.313	1.202	1.245	1.243		1.235	4.3
Benzo (k) fluoranthene	1.186	1.364	1.232	1.306	1.236		1.264	5.5
Benzo (a) pyrene	1.085	1.263	1.118	1.193	1.165		1.165	5.9
Indeno (1,2,3-cd) pyrene	1.309	1.518	1.386	1.470	1.491		1.435	6.0
Dibenzo (a,h) anthracene	1.037	1.223	1.123	1.183	1.198		1.153	6.5
Benzo (g,h,i) perylene	1.055	1.155	1.069	1.117	1.144		1.108	4.0
Acetophenone		2.349	2.420	2.370	2.415	2.323	2.375	1.8
2,3,4,6-Tetrachlorophenol	0.403	0.480	0.442	0.473	0.468		0.453	7.0
1,4-Dioxane-d8	0.372	0.506	0.417	0.460	0.456		0.442	11.3
Pyridine-d5		1.479	1.240	1.441	1.463	1.419	1.408	6.9

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.: BG090924 SAS No.: BG090924 SDG No.: BG090924
Instrument ID: _____ Calibration Date(s): 9/9/2024 1: _____
Calibration Time(s): 14:21 _____

LAB FILE ID:		RRFAL1 = BG062688.D			RRFAL2 = BG062689.D		RRFAL3 = BG062690.D	
		RRFAL4 = BG062691.D			RRFAL5 = BG062692.D		RRFAL6 = BG062693.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.680	1.680	1.742	1.825	1.842	1.754	4.4
Bis-(2-Chloroethyl)ether-d8		1.092	1.029	1.044	1.057	1.035	1.051	2.4
2-Chlorophenol-d4	1.162	1.322	1.251	1.299	1.354		1.277	5.9
4-Methylphenol-d8		1.396	1.408	1.444	1.527	1.534	1.461	4.5
Nitrobenzene-d5	0.122	0.148	0.144	0.148	0.153		0.143	8.7
2-Nitrophenol-d4	0.126	0.158	0.155	0.169	0.174		0.156	12.0
2,4-Dichlorophenol-d3	0.311	0.354	0.336	0.346	0.356		0.340	5.4
4-Chloroaniline-d4		0.496	0.454	0.472	0.477	0.441	0.468	4.6
4-Methylphenol		1.479	1.493	1.534	1.589	1.595	1.538	3.5
Dimethylphthalate-d6	1.489	1.708	1.491	1.534	1.480		1.540	6.2
Acenaphthylene-d8	1.595	1.845	1.685	1.738	1.690		1.711	5.3
4-Nitrophenol-d4		0.274	0.239	0.270	0.267	0.258	0.262	5.3
Fluorene-d10	1.329	1.539	1.358	1.389	1.325		1.388	6.4
4,6-Dinitro-2-methylphenol-		0.104	0.101	0.119	0.125	0.125	0.115	10.1
Anthracene-d10	0.884	1.037	0.929	0.956	0.913		0.944	6.2
Pyrene-d10	1.076	1.215	1.125	1.141	1.071		1.125	5.2
Benzo(a)pyrene-d12	0.965	1.138	1.025	1.077	1.075		1.056	6.1
N-Nitroso-di-n-propylamine	1.053	1.273	1.285	1.283	1.323		1.243	8.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091324 SAS No.: BG091324 SDG NO.: BG091324

EPA Sample No.: SSTD020440 Date Analyzed: Sep 13 2024 12:00AM

Lab File ID: BG062690.D Time Analyzed: 11:07

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	68340	7.905	312720	10.70	252744	14.53
	UPPER LIMIT	136680	8.405	625440	11.196	505488	15.033
	LOWER LIMIT	34170	7.405	156360	10.196	126372	14.033
	EPA SAMPLE NO.						
01	SBLK356	45173	7.90	189670	10.69	161883	14.53
02	C0B38	45010	7.90	187229	10.69	164745	14.53
03	C0B51	44278	7.90	190533	10.69	152206	14.53
04	C0B49	45315	7.90	215315	10.69	175609	14.53
05	C0B40	44826	7.90	218954	10.69	171882	14.53
06	C0B57	42159	7.90	217846	10.69	173659	14.53
07	SLCS356	42631	7.90	202434	10.69	163775	14.53
08	SBLK308	61307	7.90	278724	10.69	222319	14.53
09	DDC13	71013	7.90	293459	10.70	223639	14.54
10	DDC14	64254	7.91	258975	10.70	215555	14.54
11	DDC58	62728	7.90	230369	10.69	224408	14.53
12	DDC60	68402	7.92	229851	10.71	223205	14.54
13	DDC61	61807	7.91	246923	10.70	209072	14.53
14	DDC78	56113	7.91	198820	10.70	200602	14.53
15	DDC90	62228	7.91	220276	10.70	216389	14.54
16	DDC59	51402	7.92	207779	10.71	203546	14.55
17	DDC59MS	58776	7.92	198963	10.72	191627	14.55
18	DDC59MSD	61371	7.92	200470	10.71	194777	14.55
19	DDCB9	60045	7.91	263090	10.70	203961	14.53

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091324 SAS No.: BG091324 SDG NO.: BG091324

EPA Sample No.: SSTD020440 Date Analyzed: Sep 13 2024 12:00AM

Lab File ID: BG062690.D Time Analyzed: 23:34

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	68340	7.905	312720	10.70	252744	14.53
UPPER LIMIT	136680	8.405	625440	11.19€	505488	15.033
LOWER LIMIT	34170	7.405	156360	10.19€	126372	14.033
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.: BG091324 SAS No.: BG091324 SDG NO.: BG091324

EPA Sample No.: SSTD020485 Date Analyzed: Sep 13 2024 12:00AM

Lab File ID: BG062781.D Time Analyzed: 11:07

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	58382	7.9	243833	10.69	187533	14.53
UPPER LIMIT	116764	8.4	487666	11.191	375066	15.028
LOWER LIMIT	29191	7.4	121916.5	10.191	93766.5	14.028
EPA SAMPLE NO.						
01 SBLK356	45173	7.90	189670	10.69	161883	14.53
02 C0B38	45010	7.90	187229	10.69	164745	14.53
03 C0B51	44278	7.90	190533	10.69	152206	14.53
04 C0B49	45315	7.90	215315	10.69	175609	14.53
05 C0B40	44826	7.90	218954	10.69	171882	14.53
06 C0B57	42159	7.90	217846	10.69	173659	14.53
07 SLCS356	42631	7.90	202434	10.69	163775	14.53

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.: BG091324 SAS No.: BG091324 SDG NO.: BG091324

EPA Sample No.: SSTD020486 Date Analyzed: Sep 13 2024 12:00AM

Lab File ID: BG062789.D Time Analyzed: 16:21

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	50188	7.902	258289	10.69	206386	14.53
UPPER LIMIT	100376	8.402	516578	11.193	412772	15.03
LOWER LIMIT	25094	7.402	129144.5	10.193	103193	14.03
EPA SAMPLE NO.						
01 SBLK308	61307	7.90	278724	10.69	222319	14.53
02 DDC13	71013	7.90	293459	10.70	223639	14.54
03 DDC14	64254	7.91	258975	10.70	215555	14.54
04 DDC58	62728	7.90	230369	10.69	224408	14.53
05 DDC60	68402	7.92	229851	10.71	223205	14.54
06 DDC61	61807	7.91	246923	10.70	209072	14.53
07 DDC78	56113	7.91	198820	10.70	200602	14.53
08 DDC90	62228	7.91	220276	10.70	216389	14.54
09 DDC59	51402	7.92	207779	10.71	203546	14.55
10 DDC59MS	58776	7.92	198963	10.72	191627	14.55
11 DDC59MSD	61371	7.92	200470	10.71	194777	14.55
12 DDCB9	60045	7.91	263090	10.70	203961	14.53

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.: BG091324 SAS No.: BG091324 SDG NO.: BG091324

EPA Sample No.: SSTD020440 Date Analyzed: Sep 13 2024 12:00AM

Lab File ID: BG062690.D Time Analyzed: 11:07

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	650707	17.277	663481	21.525	733491	24.592
	UPPER LIMIT	1301414	17.777	1326962	22.025	1466982	25.092
	LOWER LIMIT	325353.5	16.777	331740.5	21.025	366745.5	24.092
	EPA SAMPLE NO.						
01	SBLK356	429487	17.27	487104	21.52	535084	24.57
02	C0B38	430104	17.27	464394	21.51	523388	24.57
03	C0B51	401617	17.27	454136	21.52	551630	24.58
04	C0B49	457192	17.27	512525	21.51	571203	24.58
05	C0B40	469808	17.27	516185	21.52	573653	24.57
06	C0B57	459626	17.27	500612	21.52	557187	24.57
07	SLCS356	436131	17.27	464561	21.52	519543	24.58
08	SBLK308	617617	17.27	692105	21.52	757591	24.58
09	DDC13	461880	17.31	496296	21.53	569645	24.59
10	DDC14	477457	17.30	500009	21.52	568287	24.58
11	DDC58	526551	17.29	532370	21.52	610333	24.58
12	DDC60	467978	17.32	491523	21.52	557839	24.59
13	DDC61	483591	17.29	499329	21.52	577312	24.58
14	DDC78	446874	17.30	452695	21.52	523130	24.59
15	DDC90	475077	17.31	488828	21.53	551485	24.59
16	DDC59	416312	17.34	448238	21.53	513301	24.60
17	DDC59MS	393297	17.34	416220	21.53	476333	24.60
18	DDC59MSD	391240	17.34	419130	21.53	481796	24.60
19	DDCB9	451662	17.28	435610	21.53	505710	24.60

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091324 SAS No.: BG091324 SDG NO.: BG091324

EPA Sample No.: SSTD020440 Date Analyzed: Sep 13 2024 12:00AM

Lab File ID: BG062690.D Time Analyzed: 23:34

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	650707	17.277	663481	21.525	733491	24.592
UPPER LIMIT	1301414	17.777	1326962	22.025	1466982	25.092
LOWER LIMIT	325353.5	16.777	331740.5	21.025	366745.5	24.092
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.: BG091324 SAS No.: BG091324 SDG NO.: BG091324

EPA Sample No.: SSTD020485 Date Analyzed: Sep 13 2024 12:00AM

Lab File ID: BG062781.D Time Analyzed: 11:07

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	490661	17.272	537451	21.52	585485	24.575
UPPER LIMIT	981322	17.772	1074902	22.02	1170970	25.075
LOWER LIMIT	245330.5	16.772	268725.5	21.02	292742.5	24.075
EPA SAMPLE NO.						
01 SBLK356	429487	17.27	487104	21.52	535084	24.57
02 C0B38	430104	17.27	464394	21.51	523388	24.57
03 C0B51	401617	17.27	454136	21.52	551630	24.58
04 C0B49	457192	17.27	512525	21.51	571203	24.58
05 C0B40	469808	17.27	516185	21.52	573653	24.57
06 C0B57	459626	17.27	500612	21.52	557187	24.57
07 SLCS356	436131	17.27	464561	21.52	519543	24.58

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.: BG091324 SAS No.: BG091324 SDG NO.: BG091324

EPA Sample No.: SSTD020486 Date Analyzed: Sep 13 2024 12:00AM

Lab File ID: BG062789.D Time Analyzed: 16:21

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	551282	17.274	603442	21.522	669398	24.577
UPPER LIMIT	1102564	17.774	1206884	22.022	1338796	25.077
LOWER LIMIT	275641	16.774	301721	21.022	334699	24.077
EPA SAMPLE NO.						
01 SBLK308	617617	17.27	692105	21.52	757591	24.58
02 DDC13	461880	17.31	496296	21.53	569645	24.59
03 DDC14	477457	17.30	500009	21.52	568287	24.58
04 DDC58	526551	17.29	532370	21.52	610333	24.58
05 DDC60	467978	17.32	491523	21.52	557839	24.59
06 DDC61	483591	17.29	499329	21.52	577312	24.58
07 DDC78	446874	17.30	452695	21.52	523130	24.59
08 DDC90	475077	17.31	488828	21.53	551485	24.59
09 DDC59	416312	17.34	448238	21.53	513301	24.60
10 DDC59MS	393297	17.34	416220	21.53	476333	24.60
11 DDC59MSD	391240	17.34	419130	21.53	481796	24.60
12 DDCB9	451662	17.28	435610	21.53	505710	24.60

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.: BG091324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD			Limits		
						RPD	Qual	Qual	Low	High	RPD
PB163356BS	1,4-Dioxane	16	14	ug/L	88				0	0	
	Benzaldehyde	40	25	ug/L	63				0	0	
	Pyridine	40	33	ug/L	83				0	0	
	Phenol	40	30	ug/L	75				0	0	
	Bis(2-chloroethyl)ether	40	29	ug/L	73				0	0	
	2-Chlorophenol	40	31	ug/L	78				0	0	
	2-Methylphenol	40	31	ug/L	78				0	0	
	2,2-oxybis(1-Chloropropane)	40	29	ug/L	73				0	0	
	Acetophenone	40	30	ug/L	75				0	0	
	4-Methylphenol	40	31	ug/L	78				0	0	
	N-Nitroso-di-n-propylamine	40	31	ug/L	78				0	0	
	Hexachloroethane	40	31	ug/L	78				0	0	
	Nitrobenzene	40	30	ug/L	75				0	0	
	Isophorone	40	31	ug/L	78				0	0	
	2-Nitrophenol	40	33	ug/L	83				0	0	
	2,4-Dimethylphenol	40	27	ug/L	68				0	0	
	Bis(2-chloroethoxy)methane	40	33	ug/L	83				0	0	
	2,4-Dichlorophenol	40	35	ug/L	88				0	0	
	Naphthalene	40	34	ug/L	85				0	0	
	4-Chloroaniline	40	28	ug/L	70				0	0	
	Hexachlorobutadiene	40	35	ug/L	88				0	0	
	Caprolactam	40	36	ug/L	90				0	0	
	4-Chloro-3-methylphenol	40	37	ug/L	93				0	0	
	1-Methylnaphthalene	40	35	ug/L	88				0	0	
	2-Methylnaphthalene	40	35	ug/L	88				0	0	
	Hexachlorocyclopentadiene	40	31	ug/L	78				0	0	
	2,4,6-Trichlorophenol	40	31	ug/L	78				0	0	
	2,4,5-Trichlorophenol	40	34	ug/L	85				0	0	
	1,1'-Biphenyl	40	35	ug/L	88				0	0	
	2-Chloronaphthalene	40	35	ug/L	88				0	0	
	2-Nitroaniline	40	38	ug/L	95				0	0	
	Dimethylphthalate	40	36	ug/L	90				0	0	
	2,6-Dinitrotoluene	40	39	ug/L	98				0	0	
	Acenaphthylene	40	37	ug/L	93				0	0	
	3-Nitroaniline	40	38	ug/L	95				0	0	
	Acenaphthene	40	34	ug/L	85				0	0	
	2,4-Dinitrophenol	40	35	ug/L	88				0	0	
	4-Nitrophenol	40	36	ug/L	90				0	0	
	Dibenzofuran	40	35	ug/L	88				0	0	
	2,4-Dinitrotoluene	40	39	ug/L	98				0	0	
	Diethylphthalate	40	36	ug/L	90				0	0	
	Fluorene	40	36	ug/L	90				0	0	
	4-Chlorophenyl-phenylether	40	37	ug/L	93				0	0	
	4-Nitroaniline	40	41	ug/L	103				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG091324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB163356BS	4,6-Dinitro-2-methylphenol	40	37	ug/L	93				0	0	
	N-Nitrosodiphenylamine	40	36	ug/L	90				0	0	
	1,2,4,5-Tetrachlorobenzene	40	35	ug/L	88				0	0	
	4-Bromophenyl-phenylether	40	37	ug/L	93				0	0	
	Hexachlorobenzene	40	36	ug/L	90				0	0	
	Atrazine	40		ug/L	0				0	0	
	Pentachlorophenol	40	23	ug/L	58				0	0	
	Phenanthrene	40	36	ug/L	90				0	0	
	Pentachlorobenzene	40	33	ug/L	83				0	0	
	Anthracene	40	35	ug/L	88				0	0	
	1,2,3,4-Tetrachlorobenzene	40	34	ug/L	85				0	0	
	Carbazole	40	37	ug/L	93				0	0	
	Di-n-butylphthalate	40	38	ug/L	95				0	0	
	Fluoranthene	40	37	ug/L	93				0	0	
	Pyrene	40	36	ug/L	90				0	0	
	Butylbenzylphthalate	40	40	ug/L	100				0	0	
	3,3'-Dichlorobenzidine	40	37	ug/L	93				0	0	
	Benzo(a)anthracene	40	37	ug/L	93				0	0	
	Chrysene	40	37	ug/L	93				0	0	
	Bis(2-ethylhexyl)phthalate	40	39	ug/L	98				0	0	
	Di-n-octylphthalate	40	39	ug/L	98				0	0	
	Benzo(b)fluoranthene	40	37	ug/L	93				0	0	
	Benzo(k)fluoranthene	40	36	ug/L	90				0	0	
	Benzo(a)pyrene	40	35	ug/L	88				0	0	
	Indeno(1,2,3-cd)pyrene	40	37	ug/L	93				0	0	
	Dibenzo(a,h)anthracene	40	38	ug/L	95				0	0	
	Benzo(g,h,i)perylene	40	38	ug/L	95				0	0	
	2,3,4,6-Tetrachlorophenol	40	30	ug/L	75				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK308

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG091324

SAS No.: BG091324 SDG NO.: BG091324

Lab File ID: BG062790.D

Lab Sample ID: PB163308BL

Instrument ID: BNA_G

Date Extracted: 09/11/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/13/2024

Level: (low/med) LOW

Time Analyzed: 16:21

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
DDC13	P3898-02	BG062791.D	09/13/2024
DDC14	P3898-03	BG062792.D	09/13/2024
DDC58	P3898-08	BG062793.D	09/13/2024
DDC60	P3898-09	BG062794.D	09/13/2024
DDC61	P3898-10	BG062795.D	09/13/2024
DDC78	P3898-13	BG062796.D	09/13/2024
DDC90	P3898-17	BG062797.D	09/13/2024
DDC59	P3898-20	BG062798.D	09/13/2024
DDC59MS	P3898-21MS	BG062799.D	09/13/2024
DDC59MSD	P3898-22MSD	BG062800.D	09/13/2024
DDCB9	P3898-19	BG062801.D	09/13/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK356

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG091324SAS No.: BG091324 SDG NO.: BG091324Lab File ID: BG062782.DLab Sample ID: PB163356BLInstrument ID: BNA_GDate Extracted: 09/12/2024Matrix: (soil/water) WaterDate Analyzed: 09/13/2024Level: (low/med) LOWTime Analyzed: 11:07

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0B38	P3952-09	BG062783.D	09/13/2024
C0B51	P3952-12	BG062784.D	09/13/2024
C0B49	P3952-11	BG062785.D	09/13/2024
C0B40	P3952-10	BG062786.D	09/13/2024
C0B57	P3952-13	BG062787.D	09/13/2024
PB163356BS	PB163356BS	BG062788.D	09/13/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG091324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3898-21MS	Client Sample ID:	DDC59MS					DataFile:	BG062799.D		
1,4-Dioxane	690		260	ug/Kg	38				15	120	
Benzaldehyde	1700		3300	ug/Kg	194				0	0	
Pyridine	1700			ug/Kg	0				0	0	
Phenol	1700		680	ug/Kg	40				26	90	
Bis(2-chloroethyl)ether	1700		710	ug/Kg	42				0	0	
2-Chlorophenol	1700		710	ug/Kg	42				25	102	
2-Methylphenol	1700		650	ug/Kg	38				0	0	
2,2-oxybis(1-Chloropropane)	1700		690	ug/Kg	41				0	0	
Acetophenone	1700		13000	ug/Kg	765				0	0	
4-Methylphenol	1700		620	ug/Kg	36				0	0	
N-Nitroso-di-n-propylamine	1700		2700	ug/Kg	159	*			41	126	
Hexachloroethane	1700		8200	ug/Kg	482				0	0	
Nitrobenzene	1700		1400	ug/Kg	82				0	0	
Isophorone	1700		2900	ug/Kg	171				0	0	
2-Nitrophenol	1700		1100	ug/Kg	65				0	0	
2,4-Dimethylphenol	1700		930	ug/Kg	55				0	0	
Bis(2-chloroethoxy)methane	1700		1100	ug/Kg	65				0	0	
2,4-Dichlorophenol	1700		1400	ug/Kg	82				0	0	
Naphthalene	1700	4200	5200	ug/Kg	59				0	0	
4-Chloroaniline	1700		3800	ug/Kg	224				0	0	
Hexachlorobutadiene	1700		1100	ug/Kg	65				0	0	
Caprolactam	1700		1300	ug/Kg	76				0	0	
4-Chloro-3-methylphenol	1700		1300	ug/Kg	76				26	103	
1-Methylnaphthalene	1700	5200	6200	ug/Kg	59				0	0	
2-Methylnaphthalene	1700	7800	8900	ug/Kg	65				0	0	
Hexachlorocyclopentadiene	1700		750	ug/Kg	44				0	0	
2,4,6-Trichlorophenol	1700	370	1100	ug/Kg	43				0	0	
2,4,5-Trichlorophenol	1700	300	1000	ug/Kg	41				0	0	
1,1'-Biphenyl	1700	550	1100	ug/Kg	32				0	0	
2-Chloronaphthalene	1700		710	ug/Kg	42				0	0	
2-Nitroaniline	1700		630	ug/Kg	37				0	0	
Dimethylphthalate	1700		640	ug/Kg	38				0	0	
2,6-Dinitrotoluene	1700		1400	ug/Kg	82				0	0	
Acenaphthylene	1700		710	ug/Kg	42				0	0	
3-Nitroaniline	1700		300	ug/Kg	18				0	0	
Acenaphthene	1700	220	900	ug/Kg	40				31	137	
2,4-Dinitrophenol	1700		560	ug/Kg	33				0	0	
4-Nitrophenol	1700		1000	ug/Kg	59				11	114	
Dibenzofuran	1700		740	ug/Kg	44				0	0	
2,4-Dinitrotoluene	1700		660	ug/Kg	39				28	89	
Diethylphthalate	1700		620	ug/Kg	36				0	0	
Fluorene	1700	440	1000	ug/Kg	33				0	0	
4-Chlorophenyl-phenylether	1700		620	ug/Kg	36				0	0	
4-Nitroaniline	1700		340	ug/Kg	20				0	0	
4,6-Dinitro-2-methylphenol	1700		1000	ug/Kg	59				0	0	
N-Nitrosodiphenylamine	1700		1400	ug/Kg	82				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG091324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1700		770	ug/Kg	45				0	0	
4-Bromophenyl-phenylether	1700		750	ug/Kg	44				0	0	
Hexachlorobenzene	1700		680	ug/Kg	40				0	0	
Atrazine	1700		490	ug/Kg	29				0	0	
Pentachlorophenol	1700	320000	330000	ug/Kg	588	*			17	109	
Phenanthrene	1700	1200	1900	ug/Kg	41				0	0	
Pentachlorobenzene	1700		820	ug/Kg	48				0	0	
Anthracene	1700		770	ug/Kg	45				0	0	
1,2,3,4-Tetrachlorobenzene	1700		900	ug/Kg	53				0	0	
Carbazole	1700		610	ug/Kg	36				0	0	
Di-n-butylphthalate	1700		740	ug/Kg	44				0	0	
Fluoranthene	1700	68	730	ug/Kg	39				0	0	
Pyrene	1700	91	610	ug/Kg	31	*			35	142	
Butylbenzylphthalate	1700		800	ug/Kg	47				0	0	
3,3'-Dichlorobenzidine	1700		92	ug/Kg	5				0	0	
Benzo(a)anthracene	1700		700	ug/Kg	41				0	0	
Chrysene	1700		710	ug/Kg	42				0	0	
Bis(2-ethylhexyl)phthalate	1700	190	980	ug/Kg	46				0	0	
Di-n-octylphthalate	1700		770	ug/Kg	45				0	0	
Benzo(b)fluoranthene	1700		670	ug/Kg	39				0	0	
Benzo(k)fluoranthene	1700		680	ug/Kg	40				0	0	
Benzo(a)pyrene	1700		380	ug/Kg	22				0	0	
Indeno(1,2,3-cd)pyrene	1700		550	ug/Kg	32				0	0	
Dibenzo(a,h)anthracene	1700		730	ug/Kg	43				0	0	
Benzo(g,h,i)perylene	1700		75	ug/Kg	4				0	0	
2,3,4,6-Tetrachlorophenol	1700	43000	47000	ug/Kg	235				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG091324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3898-22MSD	Client Sample ID:	DDC59MSD					DataFile:	BG062800.D		
1,4-Dioxane	680		200	ug/Kg	29		27		15	120	50
Benzaldehyde	1700		2600	ug/Kg	153		24	*	0	0	0
Pyridine	1700			ug/Kg	0				0	0	0
Phenol	1700		500	ug/Kg	29		32		26	90	35
Bis(2-chloroethyl)ether	1700		550	ug/Kg	32		27	*	0	0	0
2-Chlorophenol	1700		580	ug/Kg	34		21		25	102	50
2-Methylphenol	1700		510	ug/Kg	30		24	*	0	0	0
2,2-oxybis(1-Chloropropane)	1700		540	ug/Kg	32		25	*	0	0	0
Acetophenone	1700		10000	ug/Kg	588		26	*	0	0	0
4-Methylphenol	1700		480	ug/Kg	28		25	*	0	0	0
N-Nitroso-di-n-propylamine	1700		2400	ug/Kg	141	*	12		41	126	38
Hexachloroethane	1700		6500	ug/Kg	382		23	*	0	0	0
Nitrobenzene	1700		1100	ug/Kg	65		23	*	0	0	0
Isophorone	1700		2500	ug/Kg	147		15	*	0	0	0
2-Nitrophenol	1700		930	ug/Kg	55		17	*	0	0	0
2,4-Dimethylphenol	1700		810	ug/Kg	48		14	*	0	0	0
Bis(2-chloroethoxy)methane	1700		860	ug/Kg	51		24	*	0	0	0
2,4-Dichlorophenol	1700		1200	ug/Kg	71		14	*	0	0	0
Naphthalene	1700	4200	4500	ug/Kg	18		106	*	0	0	0
4-Chloroaniline	1700		3200	ug/Kg	188		17	*	0	0	0
Hexachlorobutadiene	1700		930	ug/Kg	55		17	*	0	0	0
Caprolactam	1700		1100	ug/Kg	65		16	*	0	0	0
4-Chloro-3-methylphenol	1700		1200	ug/Kg	71		7		26	103	33
1-Methylnaphthalene	1700	5200	5300	ug/Kg	6		163	*	0	0	0
2-Methylnaphthalene	1700	7800	7600	ug/Kg	-12		291	*	0	0	0
Hexachlorocyclopentadiene	1700		580	ug/Kg	34		26	*	0	0	0
2,4,6-Trichlorophenol	1700	370	930	ug/Kg	33		26	*	0	0	0
2,4,5-Trichlorophenol	1700	300	850	ug/Kg	32		25	*	0	0	0
1,1'-Biphenyl	1700	550	970	ug/Kg	25		25	*	0	0	0
2-Chloronaphthalene	1700		590	ug/Kg	35		18	*	0	0	0
2-Nitroaniline	1700		540	ug/Kg	32		14	*	0	0	0
Dimethylphthalate	1700		530	ug/Kg	31		20	*	0	0	0
2,6-Dinitrotoluene	1700		1300	ug/Kg	76		8	*	0	0	0
Acenaphthylene	1700		610	ug/Kg	36		15	*	0	0	0
3-Nitroaniline	1700		270	ug/Kg	16		12	*	0	0	0
Acenaphthene	1700	220	780	ug/Kg	33		19		31	137	19
2,4-Dinitrophenol	1700		500	ug/Kg	29		13	*	0	0	0
4-Nitrophenol	1700		670	ug/Kg	39		41		11	114	50
Dibenzofuran	1700		630	ug/Kg	37		17	*	0	0	0
2,4-Dinitrotoluene	1700		500	ug/Kg	29		29		28	89	47
Diethylphthalate	1700		510	ug/Kg	30		18	*	0	0	0
Fluorene	1700	440	900	ug/Kg	27		20	*	0	0	0
4-Chlorophenyl-phenylether	1700		540	ug/Kg	32		12	*	0	0	0
4-Nitroaniline	1700		360	ug/Kg	21		5	*	0	0	0
4,6-Dinitro-2-methylphenol	1700		820	ug/Kg	48		21	*	0	0	0
N-Nitrosodiphenylamine	1700		1300	ug/Kg	76		8	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG091324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1700		660	ug/Kg	39		14	*	0	0	0
4-Bromophenyl-phenylether	1700		660	ug/Kg	39		12	*	0	0	0
Hexachlorobenzene	1700		610	ug/Kg	36		11	*	0	0	0
Atrazine	1700		460	ug/Kg	27		7	*	0	0	0
Pentachlorophenol	1700	320000	310000	ug/Kg	-588	*			17	109	47
Phenanthrene	1700	1200	1700	ug/Kg	29		34	*	0	0	0
Pentachlorobenzene	1700		710	ug/Kg	42		13	*	0	0	0
Anthracene	1700		650	ug/Kg	38		17	*	0	0	0
1,2,3,4-Tetrachlorobenzene	1700		760	ug/Kg	45		16	*	0	0	0
Carbazole	1700		520	ug/Kg	31		15	*	0	0	0
Di-n-butylphthalate	1700		680	ug/Kg	40		10	*	0	0	0
Fluoranthene	1700	68	640	ug/Kg	34		14	*	0	0	0
Pyrene	1700	91	520	ug/Kg	25	*	21		35	142	36
Butylbenzylphthalate	1700		680	ug/Kg	40		16	*	0	0	0
3,3'-Dichlorobenzidine	1700		87	ug/Kg	5		0		0	0	0
Benzo(a)anthracene	1700		590	ug/Kg	35		16	*	0	0	0
Chrysene	1700		600	ug/Kg	35		18	*	0	0	0
Bis(2-ethylhexyl)phthalate	1700	190	850	ug/Kg	39		16	*	0	0	0
Di-n-octylphthalate	1700		650	ug/Kg	38		17	*	0	0	0
Benzo(b)fluoranthene	1700		580	ug/Kg	34		14	*	0	0	0
Benzo(k)fluoranthene	1700		570	ug/Kg	34		16	*	0	0	0
Benzo(a)pyrene	1700		320	ug/Kg	19		15	*	0	0	0
Indeno(1,2,3-cd)pyrene	1700		470	ug/Kg	28		13	*	0	0	0
Dibenzo(a,h)anthracene	1700		620	ug/Kg	36		18	*	0	0	0
Benzo(g,h,i)perylene	1700		60	ug/Kg	4		0		0	0	0
2,3,4,6-Tetrachlorophenol	1700	43000	40000	ug/Kg	-176		1393	*	0	0	0

Surrogate Summary

SW-846

SDG No.: BG091324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3898-02	DDC13	BG062791.D	1,4-Dioxane-d8	8	1.78	22		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	8.70	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.26	26		10	150
			2-Chlorophenol-d4	40	9.99	25		15	120
			4-Methylphenol-d8	40	6.55	16		10	140
			Nitrobenzene-d5	40	12.48	31		10	135
			2-Nitrophenol-d4	40	12.62	32		10	120
			2,4-Dichlorophenol-d3	40	12.16	30		10	140
			4-Chloroaniline-d4	40	8.19	20		1	145
			Dimethylphthalate-d6	40	11.12	28		10	145
			Acenaphthylene-d8	40	12.05	30		15	120
			4-Nitrophenol-d4	40	13.63	34		10	150
			Fluorene-d10	40	11.91	30		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.15	28		10	130
			Anthracene-d10	40	11.84	30		10	150
			Pyrene-d10	40	10.70	27		10	130
			Benzo(a)pyrene-d12	40	8.35	21		10	140
P3898-03	DDC14	BG062792.D	1,4-Dioxane-d8	8	3.47	43		15	120
			Pyridine-d5	40	17.26	43		20	120
			Phenol-d5	40	19.57	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.79	64		10	150
			2-Chlorophenol-d4	40	20.16	50		15	120
			4-Methylphenol-d8	40	19.97	50		10	140
			Nitrobenzene-d5	40	26.47	66		10	135
			2-Nitrophenol-d4	40	25.91	65		10	120
			2,4-Dichlorophenol-d3	40	24.47	61		10	140
			4-Chloroaniline-d4	40	14.50	36		1	145
			Dimethylphthalate-d6	40	19.54	49		10	145
			Acenaphthylene-d8	40	20.99	52		15	120
			4-Nitrophenol-d4	40	20.13	50		10	150
			Fluorene-d10	40	19.67	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.34	48		10	130
			Anthracene-d10	40	21.17	53		10	150
			Pyrene-d10	40	20.55	51		10	130
			Benzo(a)pyrene-d12	40	20.76	52		10	140
P3898-08	DDC58	BG062793.D	1,4-Dioxane-d8	8	3.24	40		15	120
			Pyridine-d5	40	14.23	36		20	120
			Phenol-d5	40	17.18	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.07	40		10	150
			2-Chlorophenol-d4	40	19.07	48		15	120
			4-Methylphenol-d8	40	18.80	47		10	140
			Nitrobenzene-d5	40	24.56	61		10	135
			2-Nitrophenol-d4	40	27.40	68		10	120
			2,4-Dichlorophenol-d3	40	25.64	64		10	140
			4-Chloroaniline-d4	40	15.65	39		1	145
			Dimethylphthalate-d6	40	19.31	48		10	145
			Acenaphthylene-d8	40	20.32	51		15	120
			4-Nitrophenol-d4	40	17.38	43		10	150

Surrogate Summary

SW-846

SDG No.: BG091324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3898-08	DDC58	BG062793.D	Fluorene-d10	40	20.19	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.03	58		10	130
			Anthracene-d10	40	20.78	52		10	150
			Pyrene-d10	40	20.92	52		10	130
			Benzo(a)pyrene-d12	40	20.64	52		10	140
P3898-09	DDC60	BG062794.D	1,4-Dioxane-d8	8	3.61	45		15	120
			Pyridine-d5	40	5.74	14	*	20	120
			Phenol-d5	40	19.46	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.68	62		10	150
			2-Chlorophenol-d4	40	19.47	49		15	120
			4-Methylphenol-d8	40	14.07	35		10	140
			Nitrobenzene-d5	40	32.76	82		10	135
			2-Nitrophenol-d4	40	28.58	71		10	120
			2,4-Dichlorophenol-d3	40	26.67	67		10	140
			4-Chloroaniline-d4	40	26.64	67		1	145
			Dimethylphthalate-d6	40	17.31	43		10	145
			Acenaphthylene-d8	40	18.81	47		15	120
			4-Nitrophenol-d4	40	23.98	60		10	150
			Fluorene-d10	40	18.42	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.25	51		10	130
			Anthracene-d10	40	19.37	48		10	150
			Pyrene-d10	40	18.42	46		10	130
			Benzo(a)pyrene-d12	40	19.07	48		10	140
P3898-10	DDC61	BG062795.D	1,4-Dioxane-d8	8	2.55	32		15	120
			Pyridine-d5	40	11.97	30		20	120
			Phenol-d5	40	14.91	37		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.87	37		10	150
			2-Chlorophenol-d4	40	16.57	41		15	120
			4-Methylphenol-d8	40	16.51	41		10	140
			Nitrobenzene-d5	40	19.73	49		10	135
			2-Nitrophenol-d4	40	21.37	53		10	120
			2,4-Dichlorophenol-d3	40	20.41	51		10	140
			4-Chloroaniline-d4	40	15.15	38		1	145
			Dimethylphthalate-d6	40	17.04	43		10	145
			Acenaphthylene-d8	40	17.65	44		15	120
			4-Nitrophenol-d4	40	16.48	41		10	150
			Fluorene-d10	40	17.33	43		20	140
			4,6-Dinitro-2-methylphenol-d2	40	38.33	96		10	130
			Anthracene-d10	40	18.22	46		10	150
			Pyrene-d10	40	17.78	44		10	130
			Benzo(a)pyrene-d12	40	17.88	45		10	140
P3898-13	DDC78	BG062796.D	1,4-Dioxane-d8	8	3.48	43		15	120
			Pyridine-d5	40	10.02	25		20	120
			Phenol-d5	40	19.75	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.84	57		10	150
			2-Chlorophenol-d4	40	20.27	51		15	120
			4-Methylphenol-d8	40	19.34	48		10	140
			Nitrobenzene-d5	40	29.97	75		10	135
			2-Nitrophenol-d4	40	29.52	74		10	120

Surrogate Summary

SW-846

SDG No.: BG091324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3898-13	DDC78	BG062796.D	2,4-Dichlorophenol-d3	40	28.35	71		10	140
			4-Chloroaniline-d4	40	9.66	24		1	145
			Dimethylphthalate-d6	40	19.89	50		10	145
			Acenaphthylene-d8	40	21.06	53		15	120
			4-Nitrophenol-d4	40	18.44	46		10	150
			Fluorene-d10	40	20.40	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.28	66		10	130
			Anthracene-d10	40	21.24	53		10	150
			Pyrene-d10	40	21.48	54		10	130
			Benzo(a)pyrene-d12	40	21.00	52		10	140
P3898-17	DDC90	BG062797.D	1,4-Dioxane-d8	8	3.42	43		15	120
			Pyridine-d5	40	14.44	36		20	120
			Phenol-d5	40	21.39	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.81	62		10	150
			2-Chlorophenol-d4	40	20.10	50		15	120
			4-Methylphenol-d8	40	18.27	46		10	140
			Nitrobenzene-d5	40	29.85	75		10	135
			2-Nitrophenol-d4	40	27.82	70		10	120
			2,4-Dichlorophenol-d3	40	27.34	68		10	140
			4-Chloroaniline-d4	40	13.51	34		1	145
			Dimethylphthalate-d6	40	19.56	49		10	145
			Acenaphthylene-d8	40	20.62	52		15	120
			4-Nitrophenol-d4	40	18.68	47		10	150
			Fluorene-d10	40	19.60	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.97	55		10	130
			Anthracene-d10	40	20.79	52		10	150
			Pyrene-d10	40	20.43	51		10	130
			Benzo(a)pyrene-d12	40	20.82	52		10	140
P3898-19	DDCB9	BG062801.D	1,4-Dioxane-d8	8	2.73	34		15	120
			Pyridine-d5	40	13.26	33		20	120
			Phenol-d5	40	15.08	38		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.66	37		10	150
			2-Chlorophenol-d4	40	17.29	43		15	120
			4-Methylphenol-d8	40	16.34	41		10	140
			Nitrobenzene-d5	40	18.14	45		10	135
			2-Nitrophenol-d4	40	19.81	50		10	120
			2,4-Dichlorophenol-d3	40	18.92	47		10	140
			4-Chloroaniline-d4	40	15.26	38		1	145
			Dimethylphthalate-d6	40	17.92	45		10	145
			Acenaphthylene-d8	40	19.55	49		15	120
			4-Nitrophenol-d4	40	14.10	35		10	150
			Fluorene-d10	40	18.65	47		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.80	42		10	130
			Anthracene-d10	40	19.54	49		10	150
			Pyrene-d10	40	18.56	46		10	130
			Benzo(a)pyrene-d12	40	19.23	48		10	140
P3898-20	DDC59	BG062798.D	1,4-Dioxane-d8	8	2.67	33		15	120
			Pyridine-d5	40	2.67	7	*	20	120
			Phenol-d5	40	18.59	46		10	130

Surrogate Summary

SW-846

SDG No.: BG091324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3898-20	DDC59	BG062798.D	Bis(2-Chloroethyl)ether-d8	40	47.67	119		10	150
			2-Chlorophenol-d4	40	16.62	42		15	120
			4-Methylphenol-d8	40	10.94	27		10	140
			Nitrobenzene-d5	40	13.77	34		10	135
			2-Nitrophenol-d4	40	20.71	52		10	120
			2,4-Dichlorophenol-d3	40	20.37	51		10	140
			4-Chloroaniline-d4	40	39.97	100		1	145
			Dimethylphthalate-d6	40	13.64	34		10	145
			Acenaphthylene-d8	40	14.59	36		15	120
			4-Nitrophenol-d4	40	28.69	72		10	150
			Fluorene-d10	40	14.41	36		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.13	40		10	130
			Anthracene-d10	40	15.81	40		10	150
			Pyrene-d10	40	13.23	33		10	130
			Benzo(a)pyrene-d12	40	10.88	27		10	140
P3898-21MS	DDC59MS	BG062799.D	1,4-Dioxane-d8	8	2.88	36		15	120
			Pyridine-d5	40	2.24	6	*	20	120
			Phenol-d5	40	17.88	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.62	59		10	150
			2-Chlorophenol-d4	40	16.14	40		15	120
			4-Methylphenol-d8	40	14.37	36		10	140
			Nitrobenzene-d5	40	15.14	38		10	135
			2-Nitrophenol-d4	40	23.08	58		10	120
			2,4-Dichlorophenol-d3	40	23.77	59		10	140
			4-Chloroaniline-d4	40	44.58	111		1	145
			Dimethylphthalate-d6	40	14.65	37		10	145
			Acenaphthylene-d8	40	15.37	38		15	120
			4-Nitrophenol-d4	40	32.01	80		10	150
			Fluorene-d10	40	14.13	35		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.02	50		10	130
			Anthracene-d10	40	16.26	41		10	150
			Pyrene-d10	40	13.82	35		10	130
P3898-22MSD	DDC59MSD	BG062800.D	Benzo(a)pyrene-d12	40	11.17	28		10	140
			1,4-Dioxane-d8	8	1.95	24		15	120
			Pyridine-d5	40	1.42	4	*	20	120
			Phenol-d5	40	13.89	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.26	46		10	150
			2-Chlorophenol-d4	40	12.91	32		15	120
			4-Methylphenol-d8	40	9.63	24		10	140
			Nitrobenzene-d5	40	12.86	32		10	135
			2-Nitrophenol-d4	40	19.51	49		10	120
			2,4-Dichlorophenol-d3	40	20.53	51		10	140
			4-Chloroaniline-d4	40	36.86	92		1	145
			Dimethylphthalate-d6	40	12.50	31		10	145
			Acenaphthylene-d8	40	13.03	33		15	120
			4-Nitrophenol-d4	40	25.89	65		10	150
			Fluorene-d10	40	13.11	33		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.81	42		10	130
			Anthracene-d10	40	14.58	36		10	150

Surrogate Summary

SW-846

SDG No.: BG091324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3898-22MSD	DDC59MSD	BG062800.D	Pyrene-d10	40	11.89	30		10	130
			Benzo(a)pyrene-d12	40	9.38	23		10	140
PB163308BL	PB163308BL	BG062790.D	Pyridine-d5	40	23.25	58		20	120
			1,4-Dioxane-d8	8	5.76	72		15	120
			Phenol-d5	40	20.98	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.25	53		10	150
			2-Chlorophenol-d4	40	23.18	58		15	120
			4-Methylphenol-d8	40	24.56	61		10	140
			Nitrobenzene-d5	40	25.16	63		10	135
			2-Nitrophenol-d4	40	26.92	67		10	120
			2,4-Dichlorophenol-d3	40	23.52	59		10	140
			4-Chloroaniline-d4	40	21.95	55		1	145
			Dimethylphthalate-d6	40	25.47	64		10	145
			Acenaphthylene-d8	40	24.73	62		15	120
			4-Nitrophenol-d4	40	23.51	59		10	150
			Fluorene-d10	40	25.59	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.05	55		10	130
			Anthracene-d10	40	25.93	65		10	150
			Pyrene-d10	40	26.09	65		10	130
			Benzo(a)pyrene-d12	40	25.70	64		10	140

Surrogate Summary

SW-846

SDG No.: BG091324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3952-09	C0B38	BG062783.D	1,4-Dioxane-d8	8	10.90	136	*	15	120
			Pyridine-d5	40	10.26	26		20	120
			Phenol-d5	40	10.61	27		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.46	86		25	120
			2-Chlorophenol-d4	40	32.55	81		20	130
			4-Methylphenol-d8	40	22.49	56		25	125
			Nitrobenzene-d5	40	39.63	99		20	125
			2-Nitrophenol-d4	40	39.02	98		20	130
			2,4-Dichlorophenol-d3	40	35.52	89		20	120
			4-Chloroaniline-d4	40	21.06	53		1	146
			Dimethylphthalate-d6	40	38.36	96		25	130
			Acenaphthylene-d8	40	36.54	91		10	130
			4-Nitrophenol-d4	40	10.72	27		10	150
			Fluorene-d10	40	38.12	95		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.93	85		10	130
			Anthracene-d10	40	39.62	99		25	130
			Pyrene-d10	40	42.42	106		15	130
			Benzo(a)pyrene-d12	40	40.95	102		20	130
P3952-10	C0B40	BG062786.D	1,4-Dioxane-d8	8	6.48	81	*	15	120
			Pyridine-d5	40	5.17	13		20	120
			Phenol-d5	40	9.58	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.78	77		25	120
			2-Chlorophenol-d4	40	29.58	74		20	130
			4-Methylphenol-d8	40	22.77	57		25	125
			Nitrobenzene-d5	40	31.51	79		20	125
			2-Nitrophenol-d4	40	35.80	89		20	130
			2,4-Dichlorophenol-d3	40	32.12	80		20	120
			4-Chloroaniline-d4	40	19.46	49		1	146
			Dimethylphthalate-d6	40	35.86	90		25	130
			Acenaphthylene-d8	40	33.66	84		10	130
			4-Nitrophenol-d4	40	9.49	24		10	150
			Fluorene-d10	40	35.93	90		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.24	78		10	130
			Anthracene-d10	40	38.27	96		25	130
			Pyrene-d10	40	38.84	97		15	130
			Benzo(a)pyrene-d12	40	39.20	98		20	130
P3952-11	C0B49	BG062785.D	Pyridine-d5	40	7.74	19	*	20	120
			1,4-Dioxane-d8	8	5.29	66		15	120
			Phenol-d5	40	7.33	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.34	66		25	120
			2-Chlorophenol-d4	40	24.32	61		20	130
			4-Methylphenol-d8	40	17.27	43		25	125
			Nitrobenzene-d5	40	26.27	66		20	125
			2-Nitrophenol-d4	40	28.39	71		20	130
			2,4-Dichlorophenol-d3	40	26.61	67		20	120
			4-Chloroaniline-d4	40	21.35	53		1	146
			Dimethylphthalate-d6	40	30.21	76		25	130
			Acenaphthylene-d8	40	28.14	70		10	130
			4-Nitrophenol-d4	40	7.93	20		10	150

Surrogate Summary

SW-846

SDG No.: BG091324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3952-11	C0B49	BG062785.D	Fluorene-d10	40	30.97	77		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.91	75		10	130
			Anthracene-d10	40	35.50	89		25	130
			Pyrene-d10	40	36.05	90		15	130
			Benzo(a)pyrene-d12	40	35.94	90		20	130
P3952-12	C0B51	BG062784.D	Pyridine-d5	40	10.62	27		20	120
			1,4-Dioxane-d8	8	5.41	68		15	120
			Phenol-d5	40	8.36	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.46	69		25	120
			2-Chlorophenol-d4	40	26.10	65		20	130
			4-Methylphenol-d8	40	20.34	51		25	125
			Nitrobenzene-d5	40	30.31	76		20	125
			2-Nitrophenol-d4	40	32.41	81		20	130
			2,4-Dichlorophenol-d3	40	31.89	80		20	120
			4-Chloroaniline-d4	40	25.31	63		1	146
			Dimethylphthalate-d6	40	33.77	84		25	130
			Acenaphthylene-d8	40	31.86	80		10	130
			4-Nitrophenol-d4	40	7.57	19		10	150
			Fluorene-d10	40	33.04	83		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.99	75		10	130
			Anthracene-d10	40	36.20	91		25	130
			Pyrene-d10	40	35.71	89		15	130
			Benzo(a)pyrene-d12	40	36.47	91		20	130
P3952-13	C0B57	BG062787.D	1,4-Dioxane-d8	8	6.78	85		15	120
			Pyridine-d5	40	9.70	24		20	120
			Phenol-d5	40	10.59	26		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.72	69		25	120
			2-Chlorophenol-d4	40	27.11	68		20	130
			4-Methylphenol-d8	40	23.52	59		25	125
			Nitrobenzene-d5	40	27.16	68		20	125
			2-Nitrophenol-d4	40	30.04	75		20	130
			2,4-Dichlorophenol-d3	40	27.91	70		20	120
			4-Chloroaniline-d4	40	22.78	57		1	146
			Dimethylphthalate-d6	40	33.29	83		25	130
			Acenaphthylene-d8	40	31.13	78		10	130
			4-Nitrophenol-d4	40	10.69	27		10	150
			Fluorene-d10	40	33.11	83		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.10	75		10	130
			Anthracene-d10	40	35.26	88		25	130
			Pyrene-d10	40	35.79	89		15	130
			Benzo(a)pyrene-d12	40	35.79	89		20	130
PB163356BL	PB163356BL	BG062782.D	Pyridine-d5	40	35.54	89		20	120
			1,4-Dioxane-d8	8	7.70	96		15	120
			Phenol-d5	40	28.71	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.91	72		25	120
			2-Chlorophenol-d4	40	30.27	76		20	130
			4-Methylphenol-d8	40	29.60	74		25	125
			Nitrobenzene-d5	40	33.49	84		20	125
			2-Nitrophenol-d4	40	33.56	84		20	130

Surrogate Summary

SW-846

SDG No.: **BG091324**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163356BL	PB163356BL	BG062782.D	2,4-Dichlorophenol-d3	40	30.97	77		20	120
			4-Chloroaniline-d4	40	29.36	73		1	146
			Dimethylphthalate-d6	40	32.27	81		25	130
			Acenaphthylene-d8	40	31.38	78		10	130
			4-Nitrophenol-d4	40	30.07	75		10	150
			Fluorene-d10	40	33.83	85		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.18	68		10	130
			Anthracene-d10	40	35.46	89		25	130
			Pyrene-d10	40	35.37	88		15	130
			Benzo(a)pyrene-d12	40	34.28	86		20	130
PB163356BS	PB163356BS	BG062788.D	1,4-Dioxane-d8	8	8.44	105		15	120
			Pyridine-d5	40	33.54	84		20	120
			Phenol-d5	40	30.61	77		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.17	73		25	120
			2-Chlorophenol-d4	40	30.98	77		20	130
			4-Methylphenol-d8	40	32.34	81		25	125
			Nitrobenzene-d5	40	30.33	76		20	125
			2-Nitrophenol-d4	40	35.98	90		20	130
			2,4-Dichlorophenol-d3	40	36.84	92		20	120
			4-Chloroaniline-d4	40	30.00	75		1	146
			Dimethylphthalate-d6	40	36.02	90		25	130
			Acenaphthylene-d8	40	35.56	89		10	130
			4-Nitrophenol-d4	40	37.49	94		10	150
			Fluorene-d10	40	36.80	92		25	125
			4,6-Dinitro-2-methylphenol-d2	40	37.73	94		10	130
			Anthracene-d10	40	36.13	90		25	130
			Pyrene-d10	40	37.03	93		15	130
			Benzo(a)pyrene-d12	40	36.15	90		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG091324

Lab Code: CHEM

SAS No.: BG091324 SDG NO.: BG091324

Lab File ID: BG062780.D

DFTPP Injection Date: 09/13/2024

Instrument ID: BNA_G

DFTPP Injection Time: 08:14

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.8
68	Less than 2.0% of mass 69	0.2 (0.6) 1
69	Mass 69 relative abundance	28.9
70	Less than 2.0% of mass 69	0.0 (0.1) 1
127	10.0 - 80.0% of mass 198	37.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.5
275	10.0 - 60.0% of mass 198	32.4
365	Greater than 1% of mass 198	4.6
441	Present, but less than mass 443	14.7
442	Greater than 50% of mass 198	88.4
443	15.0 - 24.0% of mass 442	17.2 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020485	SSTDCCC020	BG062781.D	09/13/2024	10:22
SBLK356	PB163356BL	BG062782.D	09/13/2024	11:07
C0B38	P3952-09	BG062783.D	09/13/2024	11:46
C0B51	P3952-12	BG062784.D	09/13/2024	12:26
C0B49	P3952-11	BG062785.D	09/13/2024	13:05
C0B40	P3952-10	BG062786.D	09/13/2024	13:44
C0B57	P3952-13	BG062787.D	09/13/2024	14:23
SLCS356	PB163356BS	BG062788.D	09/13/2024	15:02
SSTD020486	SSTDCCC020	BG062789.D	09/13/2024	15:42
SBLK308	PB163308BL	BG062790.D	09/13/2024	16:21
DDC13	P3898-02	BG062791.D	09/13/2024	17:01
DDC14	P3898-03	BG062792.D	09/13/2024	17:40
DDC58	P3898-08	BG062793.D	09/13/2024	18:19
DDC60	P3898-09	BG062794.D	09/13/2024	18:59
DDC61	P3898-10	BG062795.D	09/13/2024	19:38
DDC78	P3898-13	BG062796.D	09/13/2024	20:17
DDC90	P3898-17	BG062797.D	09/13/2024	20:57
DDC59	P3898-20	BG062798.D	09/13/2024	21:36

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG091324

Lab Code: CHEM

SAS No.: BG091324 SDG NO.: BG091324

Lab File ID: BG062780.D

DFTPP Injection Date: 09/13/2024

Instrument ID: BNA_G

DFTPP Injection Time: 08:14

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.8
68	Less than 2.0% of mass 69	0.2 (0.6) 1
69	Mass 69 relative abundance	28.9
70	Less than 2.0% of mass 69	0.0 (0.1) 1
127	10.0 - 80.0% of mass 198	37.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.5
275	10.0 - 60.0% of mass 198	32.4
365	Greater than 1% of mass 198	4.6
441	Present, but less than mass 443	14.7
442	Greater than 50% of mass 198	88.4
443	15.0 - 24.0% of mass 442	17.2 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
DDC59MS	P3898-21MS	BG062799.D	09/13/2024	22:15
DDC59MSD	P3898-22MSD	BG062800.D	09/13/2024	22:55
DDCB9	P3898-19	BG062801.D	09/13/2024	23:34
SSTD020487	SSTDCCC020EC	BG062802.D	09/14/2024	00:53