

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG120924 SAS No.: BG120924 SDG No.: BG120924

Instrument ID: BNA_G Calibration Date/Time: 12/9/2024 11:34

Lab File ID: BG063597.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020556 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.603	0.681	0.010	12.8282	40.0
Benzaldehyde	1.260	1.549	0.010	22.9321	40.0
Pyridine	1.740	1.825	0.010	4.8472	40.0
Phenol	2.117	2.173	0.080	2.6762	20.0
Bis(2-Chloroethyl)ether	1.462	1.588	0.100	8.5499	20.0
2-Chlorophenol	1.174	1.202	0.200	2.3718	20.0
2-Methylphenol	1.477	1.493	0.010	1.0657	20.0
2,2-oxybis(1-Chloropropane)	1.967	2.175	0.010	10.5741	40.0
Acetophenone	2.688	2.716	0.060	1.0654	20.0
4-Methylphenol	1.622	1.637	0.010	0.9349	20.0
N-Nitroso-di-n-propylamine	1.531	1.585	0.050	3.5119	30.0
Hexachloroethane	0.627	0.677	0.100	7.9957	20.0
Nitrobenzene	0.568	0.618	0.050	8.8547	25.0
Isophorone	1.024	1.069	0.050	4.4418	25.0
2-Nitrophenol	0.160	0.174	0.050	8.605	25.0
2,4-Dimethylphenol	0.436	0.445	0.050	1.9129	25.0
Bis(2-Chloroethoxy)methane	0.478	0.503	0.050	5.2367	20.0
2,4-Dichlorophenol	0.347	0.344	0.060	-0.7991	20.0
Naphthalene	1.030	1.032	0.200	0.1927	20.0
4-Chloroaniline	0.396	0.415	0.010	4.7056	40.0
Hexachlorobutadiene	0.358	0.352	0.040	-1.6043	30.0
Caprolactam	0.114	0.113	0.010	-0.7916	40.0
4-Chloro-3-methylphenol	0.433	0.424	0.040	-2.0367	25.0
1-Methylnaphthalene	0.805	0.791	0.100	-1.6518	20.0
2-Methylnaphthalene	0.794	0.793	0.100	-0.0368	20.0
Hexachlorocyclopentadiene	0.325	0.294	0.010	-9.4435	40.0
2,4,6-Trichlorophenol	0.383	0.372	0.090	-2.8779	25.0
2,4,5-Trichlorophenol	0.414	0.404	0.100	-2.4418	25.0
1,1-Biphenyl	1.328	1.292	0.200	-2.6485	20.0
2-Chloronaphthalene	1.094	1.055	0.300	-3.5754	20.0
2-Nitroaniline	0.357	0.363	0.050	1.5984	40.0
Dimethylphthalate	1.471	1.445	0.300	-1.7588	20.0
2,6-Dinitrotoluene	0.271	0.267	0.080	-1.5309	30.0
Acenaphthylene	1.671	1.667	0.400	-0.2117	20.0
3-Nitroaniline	0.229	0.241	0.010	5.2802	40.0
Acenaphthene	1.213	1.198	0.200	-1.2232	20.0
2,4-Dinitrophenol	0.134	0.125	0.010	-6.5263	40.0
4-Nitrophenol	0.286	0.271	0.010	-5.0901	40.0
Dibenzofuran	1.875	1.800	0.300	-4.0191	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG120924 SAS No.: BG120924 SDG No.: BG120924

Instrument ID: BNA_G Calibration Date/Time: 12/9/2024 11:34

Lab File ID: BG063597.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020556 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.428	0.442	0.070	3.3027	30.0
Diethylphthalate	1.433	1.417	0.300	-1.1351	20.0
Fluorene	1.527	1.448	0.200	-5.1551	20.0
4-Chlorophenyl-phenylether	0.984	0.910	0.100	-7.4495	20.0
4-Nitroaniline	0.246	0.253	0.010	2.8666	40.0
4,6-Dinitro-2-methylphenol	0.113	0.106	0.010	-6.3757	40.0
N-Nitrosodiphenylamine	0.468	0.434	0.050	-7.3052	20.0
1,2,4,5-Tetrachlorobenzene	0.778	0.746	0.100	-4.0741	20.0
4-Bromophenyl-phenylether	0.236	0.221	0.070	-6.5957	20.0
Hexachlorobenzene	0.254	0.241	0.050	-5.3764	25.0
Atrazine	0.219	0.212	0.010	-3.1991	25.0
Pentachlorophenol	0.089	0.091	0.010	2.2465	40.0
Phenanthrene	0.985	1.014	0.200	2.9038	20.0
Pentachlorobenzene	0.295	0.278	0.050	-5.804	20.0
Anthracene	1.017	1.026	0.200	0.88	20.0
1,2,3,4-Tetrachlorobenzene	0.282	0.262	0.050	-7.0255	20.0
Carbazole	0.815	0.845	0.050	3.6525	40.0
Di-n-butylphthalate	0.870	0.848	0.500	-2.4954	25.0
Fluoranthene	1.246	1.277	0.400	2.4999	25.0
Pyrene	1.324	1.375	0.400	3.8071	25.0
Butylbenzylphthalate	0.279	0.290	0.100	4.0574	40.0
3,3-Dichlorobenzidine	0.342	0.379	0.010	10.6825	40.0
Benzo (a) anthracene	1.349	1.355	0.300	0.4659	30.0
Chrysene	1.267	1.331	0.200	5.0526	30.0
Bis(2-ethylhexyl)phthalate	0.419	0.413	0.200	-1.528	40.0
Di-n-octyl phthalate	0.699	0.708	0.010	1.3631	40.0
Benzo (b) fluoranthene	1.242	1.242	0.200	-0.0031	25.0
Benzo (k) fluoranthene	1.235	1.324	0.200	7.1859	25.0
Benzo (a) pyrene	1.165	1.175	0.200	0.7952	20.0
Indeno (1,2,3-cd) pyrene	1.406	1.351	0.200	-3.8821	25.0
Dibenzo (a,h) anthracene	1.127	1.106	0.200	-1.9038	30.0
Benzo (g,h,i) perylene	1.068	1.039	0.200	-2.7435	30.0
2,3,4,6-Tetrachlorophenol	0.387	0.391	0.040	1.0483	20.0
1,4-Dioxane-d8	0.453	0.504	0.010	11.1887	25.0
Pyridine-d5	1.676	1.752	0.010	4.5228	40.0
Phenol-d5	1.969	2.063	0.010	4.765	25.0
Bis- (2-Chloroethyl) ether-d8	1.331	1.452	0.050	9.0467	25.0
2-Chlorophenol-d4	1.160	1.178	0.200	1.5965	20.0
4-Methylphenol-d8	1.460	1.496	0.010	2.4507	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG120924 SAS No.: BG120924 SDG No.: BG120924

Instrument ID: BNA_G Calibration Date/Time: 12/9/2024 11:34

Lab File ID: BG063597.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020556 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.140	0.147	0.050	4.5619	20.0
2-Nitrophenol-d4	0.161	0.157	0.050	-2.1092	30.0
2,4-Dichlorophenol-d3	0.346	0.340	0.060	-1.7567	20.0
4-Chloroaniline-d4	0.418	0.408	0.010	-2.2981	40.0
Dimethylphthalate-d6	1.454	1.431	0.300	-1.5282	20.0
Acenaphthylene-d8	1.589	1.566	0.400	-1.4258	20.0
4-Nitrophenol-d4	0.186	0.177	0.010	-4.9912	40.0
Fluorene-d10	1.433	1.355	0.100	-5.4622	20.0
4,6-Dinitro-2-methylphenol-d2	0.113	0.100	0.010	-11.098	40.0
Anthracene-d10	0.913	0.938	0.300	2.7297	20.0
Pyrene-d10	1.109	1.158	0.300	4.4443	25.0
Benzo(a)pyrene-d12	1.005	1.001	0.010	-0.3662	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.: BG120924 SAS No.: BG120924 SDG No.: BG120924

Instrument ID: BNA_G Calibration Date/Time: 12/9/2024 1:16:12

Lab File ID: BG063604.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020557 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.603	0.460	0.010	-23.7123	40.0
Benzaldehyde	1.260	1.338	0.010	6.212	40.0
Pyridine	1.740	1.454	0.010	-16.4784	40.0
Phenol	2.117	1.994	0.080	-5.7863	20.0
Bis(2-Chloroethyl)ether	1.462	1.470	0.100	0.4843	20.0
2-Chlorophenol	1.174	1.292	0.200	10.0395	20.0
2-Methylphenol	1.477	1.486	0.010	0.5981	20.0
2,2-oxybis(1-Chloropropane)	1.967	2.210	0.010	12.3624	40.0
Acetophenone	2.688	2.706	0.060	0.6765	20.0
4-Methylphenol	1.622	1.650	0.010	1.7517	20.0
N-Nitroso-di-n-propylamine	1.531	1.523	0.050	-0.5535	30.0
Hexachloroethane	0.627	0.622	0.100	-0.8584	20.0
Nitrobenzene	0.568	0.477	0.050	-15.9916	25.0
Isophorone	1.024	0.906	0.050	-11.5466	25.0
2-Nitrophenol	0.160	0.159	0.050	-0.4431	25.0
2,4-Dimethylphenol	0.436	0.409	0.050	-6.2384	25.0
Bis(2-Chloroethoxy)methane	0.478	0.480	0.050	0.2972	20.0
2,4-Dichlorophenol	0.347	0.324	0.060	-6.6226	20.0
Naphthalene	1.030	1.052	0.200	2.1541	20.0
4-Chloroaniline	0.396	0.400	0.010	0.9662	40.0
Hexachlorobutadiene	0.358	0.281	0.040	-21.5462	30.0
Caprolactam	0.114	0.108	0.010	-4.7443	40.0
4-Chloro-3-methylphenol	0.433	0.407	0.040	-5.8219	25.0
1-Methylnaphthalene	0.805	0.833	0.100	3.5363	20.0
2-Methylnaphthalene	0.794	0.786	0.100	-0.926	20.0
Hexachlorocyclopentadiene	0.325	0.222	0.010	-31.527	40.0
2,4,6-Trichlorophenol	0.383	0.367	0.090	-4.3979	25.0
2,4,5-Trichlorophenol	0.414	0.392	0.100	-5.134	25.0
1,1-Biphenyl	1.328	1.385	0.200	4.355	20.0
2-Chloronaphthalene	1.094	1.115	0.300	1.8655	20.0
2-Nitroaniline	0.357	0.355	0.050	-0.6445	40.0
Dimethylphthalate	1.471	1.377	0.300	-6.375	20.0
2,6-Dinitrotoluene	0.271	0.246	0.080	-9.1621	30.0
Acenaphthylene	1.671	1.786	0.400	6.8961	20.0
3-Nitroaniline	0.229	0.243	0.010	6.0985	40.0
Acenaphthene	1.213	1.265	0.200	4.2382	20.0
2,4-Dinitrophenol	0.134	0.122	0.010	-8.5448	40.0
4-Nitrophenol	0.286	0.220	0.010	-22.9027	40.0
Dibenzofuran	1.875	1.848	0.300	-1.4195	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG120924 SAS No.: BG120924 SDG No.: BG120924

Instrument ID: BNA_G Calibration Date/Time: 12/9/2024 1:16:12

Lab File ID: BG063604.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020557 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.428	0.386	0.070	-9.6853	30.0
Diethylphthalate	1.433	1.376	0.300	-3.9814	20.0
Fluorene	1.527	1.433	0.200	-6.1728	20.0
4-Chlorophenyl-phenylether	0.984	0.803	0.100	-18.3237	20.0
4-Nitroaniline	0.246	0.244	0.010	-0.6428	40.0
4,6-Dinitro-2-methylphenol	0.113	0.098	0.010	-13.5072	40.0
N-Nitrosodiphenylamine	0.468	0.533	0.050	13.7496	20.0
1,2,4,5-Tetrachlorobenzene	0.778	0.673	0.100	-13.4803	20.0
4-Bromophenyl-phenylether	0.236	0.229	0.070	-3.2609	20.0
Hexachlorobenzene	0.254	0.238	0.050	-6.3032	25.0
Atrazine	0.219	0.221	0.010	0.9143	25.0
Pentachlorophenol	0.089	0.120	0.010	34.15	40.0
Phenanthrene	0.985	1.046	0.200	6.1513	20.0
Pentachlorobenzene	0.295	0.289	0.050	-2.0819	20.0
Anthracene	1.017	1.067	0.200	4.8605	20.0
1,2,3,4-Tetrachlorobenzene	0.282	0.286	0.050	1.1864	20.0
Carbazole	0.815	0.891	0.050	9.3704	40.0
Di-n-butylphthalate	0.870	0.929	0.500	6.7261	25.0
Fluoranthene	1.246	1.387	0.400	11.324	25.0
Pyrene	1.324	1.434	0.400	8.2864	25.0
Butylbenzylphthalate	0.279	0.373	0.100	33.8912	40.0
3,3-Dichlorobenzidine	0.342	0.425	0.010	24.0795	40.0
Benzo (a) anthracene	1.349	1.384	0.300	2.6021	30.0
Chrysene	1.267	1.294	0.200	2.1192	30.0
Bis(2-ethylhexyl)phthalate	0.419	0.565	0.200	34.7328	40.0
Di-n-octyl phthalate	0.699	0.914	0.010	30.7047	40.0
Benzo (b) fluoranthene	1.242	1.210	0.200	-2.6049	25.0
Benzo (k) fluoranthene	1.235	1.290	0.200	4.4659	25.0
Benzo (a) pyrene	1.165	1.170	0.200	0.3898	20.0
Indeno (1,2,3-cd) pyrene	1.406	1.455	0.200	3.5023	25.0
Dibenzo (a,h) anthracene	1.127	1.181	0.200	4.8021	30.0
Benzo (g,h,i) perylene	1.068	1.102	0.200	3.1745	30.0
2,3,4,6-Tetrachlorophenol	0.387	0.344	0.040	-11.2212	20.0
1,4-Dioxane-d8	0.453	0.382	0.010	-15.724	25.0
Pyridine-d5	1.676	1.308	0.010	-21.9641	40.0
Phenol-d5	1.969	1.864	0.010	-5.3404	25.0
Bis- (2-Chloroethyl) ether-d8	1.331	1.241	0.050	-6.7694	25.0
2-Chlorophenol-d4	1.160	1.235	0.200	6.4577	20.0
4-Methylphenol-d8	1.460	1.444	0.010	-1.1251	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG120924 SAS No.: BG120924 SDG No.: BG120924

Instrument ID: BNA_G Calibration Date/Time: 12/9/2024 1:16:12

Lab File ID: BG063604.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020557 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.140	0.141	0.050	0.7662	20.0
2-Nitrophenol-d4	0.161	0.157	0.050	-2.0288	30.0
2,4-Dichlorophenol-d3	0.346	0.321	0.060	-7.0756	20.0
4-Chloroaniline-d4	0.418	0.423	0.010	1.0756	40.0
Dimethylphthalate-d6	1.454	1.392	0.300	-4.2276	20.0
Acenaphthylene-d8	1.589	1.664	0.400	4.7448	20.0
4-Nitrophenol-d4	0.186	0.181	0.010	-2.9725	40.0
Fluorene-d10	1.433	1.290	0.100	-9.9738	20.0
4,6-Dinitro-2-methylphenol-d2	0.113	0.091	0.010	-19.1056	40.0
Anthracene-d10	0.913	0.936	0.300	2.5405	20.0
Pyrene-d10	1.109	1.181	0.300	6.517	25.0
Benzo(a)pyrene-d12	1.005	1.009	0.010	0.4303	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.: BG120924 SAS No.: BG120924 SDG No.: BG120924

Instrument ID: BNA_G Calibration Date/Time: 12/10/2024 : 03:42

Lab File ID: BG063620.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020558 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.603	0.533	0.010	-11.6138	40.0
Benzaldehyde	1.260	1.325	0.010	5.1224	40.0
Pyridine	1.740	1.626	0.010	-6.5824	40.0
Phenol	2.117	2.002	0.080	-5.4094	20.0
Bis(2-Chloroethyl)ether	1.462	1.488	0.100	1.7115	20.0
2-Chlorophenol	1.174	1.260	0.200	7.376	20.0
2-Methylphenol	1.477	1.439	0.010	-2.612	20.0
2,2-oxybis(1-Chloropropane)	1.967	2.221	0.010	12.922	40.0
Acetophenone	2.688	2.483	0.060	-7.6133	20.0
4-Methylphenol	1.622	1.602	0.010	-1.2469	20.0
N-Nitroso-di-n-propylamine	1.531	1.443	0.050	-5.7538	30.0
Hexachloroethane	0.627	0.589	0.100	-6.0543	20.0
Nitrobenzene	0.568	0.502	0.050	-11.6308	25.0
Isophorone	1.024	0.920	0.050	-10.1805	25.0
2-Nitrophenol	0.160	0.175	0.050	9.0793	25.0
2,4-Dimethylphenol	0.436	0.406	0.050	-6.8889	25.0
Bis(2-Chloroethoxy)methane	0.478	0.495	0.050	3.4421	20.0
2,4-Dichlorophenol	0.347	0.344	0.060	-0.8764	20.0
Naphthalene	1.030	1.079	0.200	4.767	20.0
4-Chloroaniline	0.396	0.408	0.010	2.9182	40.0
Hexachlorobutadiene	0.358	0.265	0.040	-25.9825	30.0
Caprolactam	0.114	0.116	0.010	1.9556	40.0
4-Chloro-3-methylphenol	0.433	0.421	0.040	-2.777	25.0
1-Methylnaphthalene	0.805	0.826	0.100	2.657	20.0
2-Methylnaphthalene	0.794	0.819	0.100	3.2105	20.0
Hexachlorocyclopentadiene	0.325	0.258	0.010	-20.5314	40.0
2,4,6-Trichlorophenol	0.383	0.358	0.090	-6.6774	25.0
2,4,5-Trichlorophenol	0.414	0.392	0.100	-5.2424	25.0
1,1-Biphenyl	1.328	1.381	0.200	4.0037	20.0
2-Chloronaphthalene	1.094	1.087	0.300	-0.688	20.0
2-Nitroaniline	0.357	0.374	0.050	4.588	40.0
Dimethylphthalate	1.471	1.396	0.300	-5.0774	20.0
2,6-Dinitrotoluene	0.271	0.264	0.080	-2.846	30.0
Acenaphthylene	1.671	1.769	0.400	5.8731	20.0
3-Nitroaniline	0.229	0.261	0.010	13.9367	40.0
Acenaphthene	1.213	1.260	0.200	3.87	20.0
2,4-Dinitrophenol	0.134	0.117	0.010	-12.8948	40.0
4-Nitrophenol	0.286	0.201	0.010	-29.756	40.0
Dibenzofuran	1.875	1.846	0.300	-1.5218	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG120924 SAS No.: BG120924 SDG No.: BG120924

Instrument ID: BNA_G Calibration Date/Time: 12/10/2024 : 03:42

Lab File ID: BG063620.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020558 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.428	0.401	0.070	-6.3068	30.0
Diethylphthalate	1.433	1.402	0.300	-2.1319	20.0
Fluorene	1.527	1.451	0.200	-4.9634	20.0
4-Chlorophenyl-phenylether	0.984	0.820	0.100	-16.6078	20.0
4-Nitroaniline	0.246	0.263	0.010	6.8811	40.0
4,6-Dinitro-2-methylphenol	0.113	0.096	0.010	-14.9615	40.0
N-Nitrosodiphenylamine	0.468	0.540	0.050	15.3399	20.0
1,2,4,5-Tetrachlorobenzene	0.778	0.633	0.100	-18.5755	20.0
4-Bromophenyl-phenylether	0.236	0.223	0.070	-5.7176	20.0
Hexachlorobenzene	0.254	0.241	0.050	-5.3197	25.0
Atrazine	0.219	0.224	0.010	2.5354	25.0
Pentachlorophenol	0.089	0.116	0.010	29.6303	40.0
Phenanthrene	0.985	1.060	0.200	7.6326	20.0
Pentachlorobenzene	0.295	0.284	0.050	-3.6433	20.0
Anthracene	1.017	1.071	0.200	5.2487	20.0
1,2,3,4-Tetrachlorobenzene	0.282	0.274	0.050	-2.8652	20.0
Carbazole	0.815	0.890	0.050	9.1792	40.0
Di-n-butylphthalate	0.870	0.961	0.500	10.4494	25.0
Fluoranthene	1.246	1.335	0.400	7.1788	25.0
Pyrene	1.324	1.431	0.400	8.052	25.0
Butylbenzylphthalate	0.279	0.384	0.100	37.8382	40.0
3,3-Dichlorobenzidine	0.342	0.414	0.010	20.9424	40.0
Benzo (a) anthracene	1.349	1.400	0.300	3.8214	30.0
Chrysene	1.267	1.323	0.200	4.4417	30.0
Bis(2-ethylhexyl)phthalate	0.419	0.582	0.200	38.8982	40.0
Di-n-octyl phthalate	0.699	0.940	0.010	34.4672	40.0
Benzo (b) fluoranthene	1.242	1.229	0.200	-1.0563	25.0
Benzo (k) fluoranthene	1.235	1.233	0.200	-0.1869	25.0
Benzo (a) pyrene	1.165	1.135	0.200	-2.5943	20.0
Indeno (1,2,3-cd) pyrene	1.406	1.410	0.200	0.2783	25.0
Dibenzo (a,h) anthracene	1.127	1.119	0.200	-0.7321	30.0
Benzo (g,h,i) perylene	1.068	1.092	0.200	2.1767	30.0
2,3,4,6-Tetrachlorophenol	0.387	0.336	0.040	-13.1809	20.0
1,4-Dioxane-d8	0.453	0.446	0.010	-1.4974	25.0
Pyridine-d5	1.676	1.523	0.010	-9.1073	40.0
Phenol-d5	1.969	1.896	0.010	-3.6948	25.0
Bis- (2-Chloroethyl) ether-d8	1.331	1.255	0.050	-5.7726	25.0
2-Chlorophenol-d4	1.160	1.205	0.200	3.8998	20.0
4-Methylphenol-d8	1.460	1.467	0.010	0.5031	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG120924 SAS No.: BG120924 SDG No.: BG120924

Instrument ID: BNA_G Calibration Date/Time: 12/10/2024 : 03:42

Lab File ID: BG063620.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020558 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.140	0.145	0.050	3.4569	20.0
2-Nitrophenol-d4	0.161	0.162	0.050	0.7633	30.0
2,4-Dichlorophenol-d3	0.346	0.339	0.060	-1.9449	20.0
4-Chloroaniline-d4	0.418	0.446	0.010	6.7574	40.0
Dimethylphthalate-d6	1.454	1.374	0.300	-5.44	20.0
Acenaphthylene-d8	1.589	1.671	0.400	5.1459	20.0
4-Nitrophenol-d4	0.186	0.192	0.010	3.1883	40.0
Fluorene-d10	1.433	1.300	0.100	-9.2587	20.0
4,6-Dinitro-2-methylphenol-d2	0.113	0.093	0.010	-18.0163	40.0
Anthracene-d10	0.913	0.921	0.300	0.8628	20.0
Pyrene-d10	1.109	1.148	0.300	3.5158	25.0
Benzo(a)pyrene-d12	1.005	0.991	0.010	-1.3837	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK440	SDG No.:	BG120924
Lab Sample ID:	PB165440BL	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
BG063598.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

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:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK440	SDG No.:	BG120924
Lab Sample ID:	PB165440BL	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
BG063598.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

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:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK440	SDG No.:	BG120924
Lab Sample ID:	PB165440BL	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
BG063598.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

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	5.435		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	24.889		20-120		62	SPK: -40
4165-62-2	Phenol-d5	25.157		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.758		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.82		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	23.772		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	24.836		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.019		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.237		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.595		1-145		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.222		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	24.955		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.885		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	23.14		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK440	SDG No.:	BG120924
Lab Sample ID:	PB165440BL	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
BG063598.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.089		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	24.38		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	24.986		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.835		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73336	7.821				
1146-65-2	Naphthalene-d8	281438	10.612				
15067-26-2	Acenaphthene-d10	231960	14.46				
1517-22-2	Phenanthrene-d10	670533	17.21				
1719-03-5	Chrysene-d12	790868	21.469				
1520-96-3	Perylene-d12	798738	24.501				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK438	SDG No.:	BG120924
Lab Sample ID:	PB165438BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063599.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165438

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	930	U	930	200	2000	ug/Kg
110-86-1	Pyridine	3500	U	3500	4900	9900	ug/Kg
100-52-7	Benzaldehyde	2100	U	2100	2500	9900	ug/Kg
108-95-2	Phenol	1500	U	1500	2500	9900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1900	U	1900	2500	9900	ug/Kg
95-57-8	2-Chlorophenol	1500	U	1500	1300	5000	ug/Kg
95-48-7	2-Methylphenol	1200	U	1200	2500	9900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000	U	2000	2500	9900	ug/Kg
98-86-2	Acetophenone	1500	U	1500	2500	9900	ug/Kg
106-44-5	4-Methylphenol	1500	U	1500	2500	9900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2100	U	2100	1300	5000	ug/Kg
67-72-1	Hexachloroethane	1700	U	1700	1300	5000	ug/Kg
98-95-3	Nitrobenzene	1800	U	1800	1300	5000	ug/Kg
78-59-1	Isophorone	1100	U	1100	1300	5000	ug/Kg
88-75-5	2-Nitrophenol	860	U	860	1300	5000	ug/Kg
105-67-9	2,4-Dimethylphenol	580	U	580	1300	5000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	960	U	960	1300	5000	ug/Kg
120-83-2	2,4-Dichlorophenol	740	U	740	1300	5000	ug/Kg
91-20-3	Naphthalene	550	U	550	1300	5000	ug/Kg
106-47-8	4-Chloroaniline	890	U	890	1300	9900	ug/Kg
87-68-3	Hexachlorobutadiene	1200	U	1200	1300	5000	ug/Kg
105-60-2	Caprolactam	2000	U	2000	2500	9900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100	U	1100	1300	5000	ug/Kg
90-12-0	1-Methylnaphthalene	610	U	610	1300	5000	ug/Kg
91-57-6	2-Methylnaphthalene	750	U	750	1300	5000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2600	U	2600	2500	9900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1300	5000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	950	U	950	1300	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK438	SDG No.:	BG120924
Lab Sample ID:	PB165438BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063599.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165438

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	900	U	900	1300	5000	ug/Kg
91-58-7	2-Chloronaphthalene	840	U	840	1300	5000	ug/Kg
88-74-4	2-Nitroaniline	1600	U	1600	1300	5000	ug/Kg
131-11-3	Dimethylphthalate	810	U	810	1300	5000	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500	U	1500	1300	5000	ug/Kg
208-96-8	Acenaphthylene	860	U	860	1300	5000	ug/Kg
99-09-2	3-Nitroaniline	1300	U	1300	2500	9900	ug/Kg
83-32-9	Acenaphthene	770	U	770	1300	5000	ug/Kg
51-28-5	2,4-Dinitrophenol	3600	U	3600	2500	9900	ug/Kg
100-02-7	4-Nitrophenol	1600	U	1600	2500	9900	ug/Kg
132-64-9	Dibenzofuran	770	U	770	1300	5000	ug/Kg
121-14-2	2,4-Dinitrotoluene	950	U	950	1300	5000	ug/Kg
84-66-2	Diethylphthalate	1700	U	1700	1300	5000	ug/Kg
86-73-7	Fluorene	1700	U	1700	1300	5000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200	U	1200	1300	5000	ug/Kg
100-01-6	4-Nitroaniline	1200	U	1200	2500	9900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2500	U	2500	2500	9900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2800	U	2800	1300	5000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	870	U	870	1300	5000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900	U	1900	1300	5000	ug/Kg
118-74-1	Hexachlorobenzene	2200	U	2200	1300	5000	ug/Kg
1912-24-9	Atrazine	2100	U	2100	2500	9900	ug/Kg
87-86-5	Pentachlorophenol	3300	U	3300	2500	9900	ug/Kg
85-01-8	Phenanthrene	680	U	680	1300	5000	ug/Kg
608-93-5	Pentachlorobenzene	2100	U	2100	1300	5000	ug/Kg
120-12-7	Anthracene	560	U	560	1300	5000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2200	U	2200	1300	5000	ug/Kg
86-74-8	Carbazole	940	U	940	2500	9900	ug/Kg
84-74-2	Di-n-butylphthalate	840	U	840	1300	5000	ug/Kg
206-44-0	Fluoranthene	590	U	590	2500	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK438	SDG No.:	BG120924
Lab Sample ID:	PB165438BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063599.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165438

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	610	U	610	1300	5000	ug/Kg
85-68-7	Butylbenzylphthalate	510	U	510	1300	5000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2000	U	2000	2500	9900	ug/Kg
56-55-3	Benzo(a)anthracene	760	U	760	1300	5000	ug/Kg
218-01-9	Chrysene	640	U	640	1300	5000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	560	U	560	1300	5000	ug/Kg
117-84-0	Di-n-octyl phthalate	1300	U	1300	2500	9900	ug/Kg
205-99-2	Benzo(b)fluoranthene	960	U	960	1300	5000	ug/Kg
207-08-9	Benzo(k)fluoranthene	830	U	830	1300	5000	ug/Kg
50-32-8	Benzo(a)pyrene	980	U	980	1300	5000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	920	U	920	1300	5000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	760	U	760	1300	5000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	890	U	890	1300	5000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800	U	1800	1300	5000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	8.56		15-120		107	SPK: -8
7291-22-7	Pyridine-d5	36.654		20-120		92	SPK: -40
4165-62-2	Phenol-d5	35.954		10-130		90	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.607		10-150		84	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.712		15-120		92	SPK: -40
190780-66-6	4-Methylphenol-d8	34.356		10-140		86	SPK: -40
4165-60-0	Nitrobenzene-d5	34.958		10-135		87	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.446		10-120		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.439		10-140		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.013		1-145		78	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.998		10-145		82	SPK: -40
93951-97-4	Acenaphthylene-d8	33.701		15-120		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.896		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	31.363		20-140		78	SPK: -40

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK438	SDG No.:	BG120924
Lab Sample ID:	PB165438BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063599.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165438

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.811		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	35.49		10-150		89	SPK: -40
1718-52-1	Pyrene-d10	33.27		10-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.292		10-140		88	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	46324	7.824				
1146-65-2	Naphthalene-d8	184325	10.609				
15067-26-2	Acenaphthene-d10	148801	14.458				
1517-22-2	Phenanthrene-d10	407163	17.213				
1719-03-5	Chrysene-d12	527269	21.467				
1520-96-3	Perylene-d12	538167	24.499				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	900	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M1	SDG No.:	BG120924
Lab Sample ID:	P5066-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063600.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.7	78	ug/Kg
100-52-7	Benzaldehyde	68	U	68	96	380	ug/Kg
110-86-1	Pyridine	90	U	90	190	380	ug/Kg
108-95-2	Phenol	35	U	35	96	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	96	380	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.5	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	96	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	96	380	ug/Kg
98-86-2	Acetophenone	77	U	77	96	380	ug/Kg
106-44-5	4-Methylphenol	62	U	62	96	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	92	U	92	49.5	200	ug/Kg
67-72-1	Hexachloroethane	71	U	71	49.5	200	ug/Kg
98-95-3	Nitrobenzene	75	U	75	49.5	200	ug/Kg
78-59-1	Isophorone	77	U	77	49.5	200	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	49.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	49.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49.5	200	ug/Kg
91-20-3	Naphthalene	1600		28	49.5	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	49.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	49.5	200	ug/Kg
105-60-2	Caprolactam	75	U	75	96	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	49.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	3200	E	28	49.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	4800	E	37	49.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	96	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	49.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M1	SDG No.:	BG120924
Lab Sample ID:	P5066-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063600.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	330		30	49.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	49.5	200	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	49.5	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49.5	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	49.5	200	ug/Kg
99-09-2	3-Nitroaniline	77	U	77	96	380	ug/Kg
83-32-9	Acenaphthene	580		30	49.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	96	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	96	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	49.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	49.5	200	ug/Kg
84-66-2	Diethylphthalate	38	U	38	49.5	200	ug/Kg
86-73-7	Fluorene	1600		31	49.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.5	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	96	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	96	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	49.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49.5	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	49.5	200	ug/Kg
1912-24-9	Atrazine	33	U	33	96	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	96	380	ug/Kg
85-01-8	Phenanthrene	6900	E	31	49.5	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.5	200	ug/Kg
120-12-7	Anthracene	2300		29	49.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49.5	200	ug/Kg
86-74-8	Carbazole	40	U	40	96	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	49.5	200	ug/Kg
206-44-0	Fluoranthene	2000		22	96	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M1	SDG No.:	BG120924
Lab Sample ID:	P5066-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.1
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
BG063600.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2200		21	49.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	49.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	96	380	ug/Kg
56-55-3	Benzo(a)anthracene	400		27	49.5	200	ug/Kg
218-01-9	Chrysene	300		28	49.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	49.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	96	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	49.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	49.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	49.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	49.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	49.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	49.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.986		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	12.932		20-120		32	SPK: -40
4165-62-2	Phenol-d5	6.604		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.494		10-150		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	3.796	*	15-120		9	SPK: -40
190780-66-6	4-Methylphenol-d8	10.516		10-140		26	SPK: -40
4165-60-0	Nitrobenzene-d5	21.626		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	3.802		10-120		10	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	3.308	*	10-140		8	SPK: -40
191656-33-4	4-Chloroaniline-d4	38.459		1-145		96	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.311		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	17.823		15-120		45	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.344		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	16.973		20-140		42	SPK: -40

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M1	SDG No.:	BG120924
Lab Sample ID:	P5066-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.1
Sample Wt/Vol:	30	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
BG063600.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	1.523	*	10-130		4	SPK: -40
1719-06-8	Anthracene-d10	19.825		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	18.85		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.468		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92013	7.829				
1146-65-2	Naphthalene-d8	356771	10.614				
15067-26-2	Acenaphthene-d10	296524	14.468				
1517-22-2	Phenanthrene-d10	690128	17.224				
1719-03-5	Chrysene-d12	819327	21.495				
1520-96-3	Perylene-d12	855154	24.598				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain	5.855	J			5.855	
	(DEL) Alkane: Cyclic	6.107	J			6.107	
	(DEL) Alkane: Cyclic	8.117	J			8.117	
002958-76-1	Naphthalene, decahydro-2-methyl-	81	J			9.803	
000527-84-4	o-Cymene	140	J			10.032	
	(DEL) Alkane: Straight-Chain	12.864	J			12.864	
	(DEL) Alkane: Straight-Chain	12.952	J			12.952	
000575-41-7	Naphthalene, 1,3-dimethyl-	340	J			13.799	
000581-40-8	Naphthalene, 2,3-dimethyl-	170	J			14.028	
	(DEL) Alkane: Straight-Chain	14.380	J			14.38	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	380	J			14.874	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	420	J			14.95	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	310	J			15.097	
	(DEL) Alkane: Straight-Chain	15.332	J			15.332	
000490-65-3	Naphthalene, 1-methyl-7-(1-methyle	770	J			15.937	
000529-05-5	Chamazulene	1500	J			16.037	
002717-39-7	1,4,5,8-Tetramethylnaphthalene	3300	J			16.196	

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M1	SDG No.:	BG120924
Lab Sample ID:	P5066-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063600.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000383-71-8	1,6-Dimethyl- 3-ethylnaphthalene	1500	J			16.343	
001430-97-3	9H-Fluorene, 2-methyl-	1500	J			16.513	
	(DEL) Alkane: Straight-Chain	16.989	J			16.989	
004612-63-9	9H-Fluorene, 2,3-dimethyl-	2300	J			17.43	
002531-84-2	Phenanthrene, 2-methyl-	3400	J			18.111	
000832-69-9	Phenanthrene, 1-methyl-	4200	J			18.164	
000610-48-0	Anthracene, 1-methyl-	2600	J			18.24	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	2500	J			18.299	
000256-81-5	5H-Dibenzo[a,d]cycloheptene	1300	J			18.346	
	(DEL) Alkane: Straight-Chain	18.422	J			18.422	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	1000	J			18.61	
000483-87-4	Phenanthrene, 1,7-dimethyl-	1200	J			18.857	
001576-67-6	Phenanthrene, 3,6-dimethyl-	1200	J			18.91	
002789-88-0	di-p-Tolylacetylene	1700	J			19.034	
003674-65-5	Phenanthrene, 2,3-dimethyl-	1100	J			19.169	
000473-08-5	7-Isopropenyl-1,4a-dimethyl-4,4a,5	260	J			19.392	
	(DEL) Alkane: Straight-Chain	20.361	J			20.361	
1000309-12-6	Sulfurous acid, pentadecyl 2-propy	780	J			21.343	
E966796	Total Alkanes	5800				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M0ME	SDG No.:	BG120924
Lab Sample ID:	P5066-01ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.9
Sample Wt/Vol:	1.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063601.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165438

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	960	U	960	200	2000	ug/Kg
100-52-7	Benzaldehyde	2100	U	2100	2500	10000	ug/Kg
110-86-1	Pyridine	3600	U	3600	5100	10000	ug/Kg
108-95-2	Phenol	1500	U	1500	2500	10000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1900	U	1900	2500	10000	ug/Kg
95-57-8	2-Chlorophenol	1500	U	1500	1300	5100	ug/Kg
95-48-7	2-Methylphenol	1200	U	1200	2500	10000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000	U	2000	2500	10000	ug/Kg
98-86-2	Acetophenone	1500	U	1500	2500	10000	ug/Kg
106-44-5	4-Methylphenol	1500	U	1500	2500	10000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2100	U	2100	1300	5100	ug/Kg
67-72-1	Hexachloroethane	1700	U	1700	1300	5100	ug/Kg
98-95-3	Nitrobenzene	1800	U	1800	1300	5100	ug/Kg
78-59-1	Isophorone	1100	U	1100	1300	5100	ug/Kg
88-75-5	2-Nitrophenol	890	U	890	1300	5100	ug/Kg
105-67-9	2,4-Dimethylphenol	600	U	600	1300	5100	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	990	U	990	1300	5100	ug/Kg
120-83-2	2,4-Dichlorophenol	770	U	770	1300	5100	ug/Kg
91-20-3	Naphthalene	570	U	570	1300	5100	ug/Kg
106-47-8	4-Chloroaniline	920	U	920	1300	10000	ug/Kg
87-68-3	Hexachlorobutadiene	1200	U	1200	1300	5100	ug/Kg
105-60-2	Caprolactam	2000	U	2000	2500	10000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100	U	1100	1300	5100	ug/Kg
90-12-0	1-Methylnaphthalene	1500	J	630	1300	5100	ug/Kg
91-57-6	2-Methylnaphthalene	1500	J	780	1300	5100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2700	U	2700	2500	10000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1300	5100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	980	U	980	1300	5100	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M0ME	SDG No.:	BG120924
Lab Sample ID:	P5066-01ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.9
Sample Wt/Vol:	1.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063601.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165438

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	930	U	930	1300	5100	ug/Kg
91-58-7	2-Chloronaphthalene	870	U	870	1300	5100	ug/Kg
88-74-4	2-Nitroaniline	1600	U	1600	1300	5100	ug/Kg
131-11-3	Dimethylphthalate	840	U	840	1300	5100	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500	U	1500	1300	5100	ug/Kg
208-96-8	Acenaphthylene	890	U	890	1300	5100	ug/Kg
99-09-2	3-Nitroaniline	1300	U	1300	2500	10000	ug/Kg
83-32-9	Acenaphthene	800	U	800	1300	5100	ug/Kg
51-28-5	2,4-Dinitrophenol	3700	U	3700	2500	10000	ug/Kg
100-02-7	4-Nitrophenol	1600	U	1600	2500	10000	ug/Kg
132-64-9	Dibenzofuran	800	U	800	1300	5100	ug/Kg
121-14-2	2,4-Dinitrotoluene	980	U	980	1300	5100	ug/Kg
84-66-2	Diethylphthalate	1700	U	1700	1300	5100	ug/Kg
86-73-7	Fluorene	1700	U	1700	1300	5100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200	U	1200	1300	5100	ug/Kg
100-01-6	4-Nitroaniline	1200	U	1200	2500	10000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2600	U	2600	2500	10000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2900	U	2900	1300	5100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	900	U	900	1300	5100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900	U	1900	1300	5100	ug/Kg
118-74-1	Hexachlorobenzene	2300	U	2300	1300	5100	ug/Kg
1912-24-9	Atrazine	2100	U	2100	2500	10000	ug/Kg
87-86-5	Pentachlorophenol	3400	U	3400	2500	10000	ug/Kg
85-01-8	Phenanthrene	6400		710	1300	5100	ug/Kg
608-93-5	Pentachlorobenzene	2100	U	2100	1300	5100	ug/Kg
120-12-7	Anthracene	580	U	580	1300	5100	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2300	U	2300	1300	5100	ug/Kg
86-74-8	Carbazole	970	U	970	2500	10000	ug/Kg
84-74-2	Di-n-butylphthalate	870	U	870	1300	5100	ug/Kg
206-44-0	Fluoranthene	2600	J	610	2500	5100	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M0ME	SDG No.:	BG120924
Lab Sample ID:	P5066-01ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.9
Sample Wt/Vol:	1.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063601.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165438

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2800	J	630	1300	5100	ug/Kg
85-68-7	Butylbenzylphthalate	530	U	530	1300	5100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2000	U	2000	2500	10000	ug/Kg
56-55-3	Benzo(a)anthracene	790	U	790	1300	5100	ug/Kg
218-01-9	Chrysene	660	U	660	1300	5100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	580	U	580	1300	5100	ug/Kg
117-84-0	Di-n-octyl phthalate	1300	U	1300	2500	10000	ug/Kg
205-99-2	Benzo(b)fluoranthene	990	U	990	1300	5100	ug/Kg
207-08-9	Benzo(k)fluoranthene	860	U	860	1300	5100	ug/Kg
50-32-8	Benzo(a)pyrene	1000	U	1000	1300	5100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	950	U	950	1300	5100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	790	U	790	1300	5100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	920	U	920	1300	5100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800	U	1800	1300	5100	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.565		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	10.537		20-120		26	SPK: -40
4165-62-2	Phenol-d5	14.621		10-130		37	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.648		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.333		15-120		36	SPK: -40
190780-66-6	4-Methylphenol-d8	16.909		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	18.586		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	5.283		10-120		13	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.944		10-140		25	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.081		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.64		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	22.132		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	0.125	*	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	18.454		20-140		46	SPK: -40

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M0ME	SDG No.:	BG120924
Lab Sample ID:	P5066-01ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.9
Sample Wt/Vol:	1.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063601.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165438

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0.477	*	10-130		1	SPK: -40
1719-06-8	Anthracene-d10	21		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	21.419		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.414		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94524	7.826				
1146-65-2	Naphthalene-d8	412292	10.617				
15067-26-2	Acenaphthene-d10	295753	14.465				
1517-22-2	Phenanthrene-d10	655555	17.221				
1719-03-5	Chrysene-d12	623152	21.481				
1520-96-3	Perylene-d12	702775	24.536				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain12.039	12000	J			12.039	
000581-40-8	Naphthalene, 2,3-dimethyl-	2700	J			13.784	
	(DEL) Alkane: Straight-Chain14.366	11000	J			14.366	
006158-45-8	Naphthalene, 1-(1-methylethyl)-	2900	J			14.689	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	4200	J			14.941	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	2400	J			15.135	
	(DEL) Alkane: Straight-Chain16.187	10000	J			16.187	
	(DEL) Alkane: Straight-Chain16.980	6200	J			16.98	
019218-94-1	Tetradecane, 1-iodo-	7800	J			17.033	
	(DEL) Alkane: Straight-Chain17.721	10000	J			17.721	
	(DEL) Alkane: Straight-Chain18.414	13000	J			18.414	
035599-77-0	Tridecane, 1-iodo-	7400	J			19.048	
E966796	Total Alkanes	62000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M3	SDG No.:	BG120924
Lab Sample ID:	P5066-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.1
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
BG063602.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.3	74	ug/Kg
100-52-7	Benzaldehyde	64	U	64	91.5	370	ug/Kg
110-86-1	Pyridine	85	U	85	180	370	ug/Kg
108-95-2	Phenol	41	J	33	91.5	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	91.5	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.1	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	91.5	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44	U	44	91.5	370	ug/Kg
98-86-2	Acetophenone	73	U	73	91.5	370	ug/Kg
106-44-5	4-Methylphenol	59	U	59	91.5	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	88	U	88	47.1	190	ug/Kg
67-72-1	Hexachloroethane	68	U	68	47.1	190	ug/Kg
98-95-3	Nitrobenzene	71	U	71	47.1	190	ug/Kg
78-59-1	Isophorone	73	U	73	47.1	190	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	47.1	190	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	47.1	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	47.1	190	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	47.1	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47.1	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	47.1	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.1	190	ug/Kg
105-60-2	Caprolactam	71	U	71	91.5	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	47.1	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.1	190	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	47.1	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	91.5	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.1	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M3	SDG No.:	BG120924
Lab Sample ID:	P5066-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.1
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
BG063602.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.1	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.1	190	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	47.1	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	47.1	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47.1	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	47.1	190	ug/Kg
99-09-2	3-Nitroaniline	73	U	73	91.5	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.1	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	91.5	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	91.5	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.1	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.1	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.1	190	ug/Kg
86-73-7	Fluorene	30	U	30	47.1	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.1	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	91.5	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	91.5	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.1	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.1	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.1	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47.1	190	ug/Kg
1912-24-9	Atrazine	31	U	31	91.5	370	ug/Kg
87-86-5	Pentachlorophenol	98	U	98	91.5	370	ug/Kg
85-01-8	Phenanthrene	30	U	30	47.1	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	47.1	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.1	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.1	190	ug/Kg
86-74-8	Carbazole	38	U	38	91.5	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.1	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	91.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M3	SDG No.:	BG120924
Lab Sample ID:	P5066-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.1
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
BG063602.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	47.1	190	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	47.1	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	91.5	370	ug/Kg
56-55-3	Benzo(a)anthracene	25	U	25	47.1	190	ug/Kg
218-01-9	Chrysene	27	U	27	47.1	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	47.1	190	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	91.5	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	47.1	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	47.1	190	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	47.1	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	47.1	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	47.1	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	47.1	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47.1	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.104		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	18.975		20-120		47	SPK: -40
4165-62-2	Phenol-d5	26.808		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.15		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.641		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	29.832		10-140		75	SPK: -40
4165-60-0	Nitrobenzene-d5	29.186		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.556		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.535		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.889		1-145		72	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.466		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	32.251		15-120		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.766		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	30.005		20-140		75	SPK: -40

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M3	SDG No.:	BG120924
Lab Sample ID:	P5066-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.1
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
BG063602.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.241		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	32.233		10-150		81	SPK: -40
1718-52-1	Pyrene-d10	34.972		10-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.551		10-140		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	123203	7.824				
1146-65-2	Naphthalene-d8	557406	10.615				
15067-26-2	Acenaphthene-d10	466891	14.469				
1517-22-2	Phenanthrene-d10	1146313	17.219				
1719-03-5	Chrysene-d12	956981	21.479				
1520-96-3	Perylene-d12	1075124	24.516				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	210	J			15.826	
000057-10-3	n-Hexadecanoic acid	78	J			18.124	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M1DL	SDG No.:	BG120924
Lab Sample ID:	P5066-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063603.D	5	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	160	U	160	38.4	390	ug/Kg
100-52-7	Benzaldehyde	340	U	340	480	1900	ug/Kg
110-86-1	Pyridine	450	U	450	960	1900	ug/Kg
108-95-2	Phenol	170	U	170	480	1900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	170	U	170	480	1900	ug/Kg
95-57-8	2-Chlorophenol	160	U	160	250	990	ug/Kg
95-48-7	2-Methylphenol	180	U	180	480	1900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	230	U	230	480	1900	ug/Kg
98-86-2	Acetophenone	380	U	380	480	1900	ug/Kg
106-44-5	4-Methylphenol	310	U	310	480	1900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	460	U	460	250	990	ug/Kg
67-72-1	Hexachloroethane	360	U	360	250	990	ug/Kg
98-95-3	Nitrobenzene	370	U	370	250	990	ug/Kg
78-59-1	Isophorone	380	U	380	250	990	ug/Kg
88-75-5	2-Nitrophenol	350	U	350	250	990	ug/Kg
105-67-9	2,4-Dimethylphenol	190	U	190	250	990	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	260	U	260	250	990	ug/Kg
120-83-2	2,4-Dichlorophenol	220	U	220	250	990	ug/Kg
91-20-3	Naphthalene	1900	D	140	250	990	ug/Kg
106-47-8	4-Chloroaniline	210	U	210	250	1900	ug/Kg
87-68-3	Hexachlorobutadiene	200	U	200	250	990	ug/Kg
105-60-2	Caprolactam	370	U	370	480	1900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	240	U	240	250	990	ug/Kg
90-12-0	1-Methylnaphthalene	4000	D	140	250	990	ug/Kg
91-57-6	2-Methylnaphthalene	5900	D	190	250	990	ug/Kg
77-47-4	Hexachlorocyclopentadiene	560	U	560	480	1900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	140	U	140	250	990	ug/Kg
95-95-4	2,4,5-Trichlorophenol	190	U	190	250	990	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M1DL	SDG No.:	BG120924
Lab Sample ID:	P5066-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063603.D	5	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	410	JD	150	250	990	ug/Kg
91-58-7	2-Chloronaphthalene	190	U	190	250	990	ug/Kg
88-74-4	2-Nitroaniline	260	U	260	250	990	ug/Kg
131-11-3	Dimethylphthalate	170	U	170	250	990	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	250	990	ug/Kg
208-96-8	Acenaphthylene	170	U	170	250	990	ug/Kg
99-09-2	3-Nitroaniline	380	U	380	480	1900	ug/Kg
83-32-9	Acenaphthene	730	JD	150	250	990	ug/Kg
51-28-5	2,4-Dinitrophenol	760	U	760	480	1900	ug/Kg
100-02-7	4-Nitrophenol	260	U	260	480	1900	ug/Kg
132-64-9	Dibenzofuran	160	U	160	250	990	ug/Kg
121-14-2	2,4-Dinitrotoluene	200	U	200	250	990	ug/Kg
84-66-2	Diethylphthalate	190	U	190	250	990	ug/Kg
86-73-7	Fluorene	2100	D	160	250	990	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	250	990	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	480	1900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	220	U	220	480	1900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	140	U	140	250	990	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	200	U	200	250	990	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	150	250	990	ug/Kg
118-74-1	Hexachlorobenzene	160	U	160	250	990	ug/Kg
1912-24-9	Atrazine	160	U	160	480	1900	ug/Kg
87-86-5	Pentachlorophenol	510	U	510	480	1900	ug/Kg
85-01-8	Phenanthrene	11000	D	160	250	990	ug/Kg
608-93-5	Pentachlorobenzene	220	U	220	250	990	ug/Kg
120-12-7	Anthracene	3000	D	150	250	990	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	99	U	99	250	990	ug/Kg
86-74-8	Carbazole	200	U	200	480	1900	ug/Kg
84-74-2	Di-n-butylphthalate	160	U	160	250	990	ug/Kg
206-44-0	Fluoranthene	3100	D	110	480	990	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M1DL	SDG No.:	BG120924
Lab Sample ID:	P5066-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063603.D	5	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3400	D	100	250	990	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	250	990	ug/Kg
91-94-1	3,3-Dichlorobenzidine	300	U	300	480	1900	ug/Kg
56-55-3	Benzo(a)anthracene	500	JD	130	250	990	ug/Kg
218-01-9	Chrysene	350	JD	140	250	990	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	250	990	ug/Kg
117-84-0	Di-n-octyl phthalate	280	U	280	480	1900	ug/Kg
205-99-2	Benzo(b)fluoranthene	220	U	220	250	990	ug/Kg
207-08-9	Benzo(k)fluoranthene	220	U	220	250	990	ug/Kg
50-32-8	Benzo(a)pyrene	180	U	180	250	990	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	U	160	250	990	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	U	150	250	990	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190	U	190	250	990	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	210	U	210	250	990	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.84		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	13.56		20-120		34	SPK: -40
4165-62-2	Phenol-d5	8.855		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.185		10-150		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	4.94	*	15-120		12	SPK: -40
190780-66-6	4-Methylphenol-d8	12.375		10-140		31	SPK: -40
4165-60-0	Nitrobenzene-d5	25.73		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	10-120		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	4.06		10-140		10	SPK: -40
191656-33-4	4-Chloroaniline-d4	46.925		1-145		117	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.955		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	23.46		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	21.245		20-140		53	SPK: -40

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M1DL	SDG No.:	BG120924
Lab Sample ID:	P5066-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063603.D	5	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	25.435		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	26.415		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.05		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	144763	7.823				
1146-65-2	Naphthalene-d8	601522	10.614				
15067-26-2	Acenaphthene-d10	448381	14.463				
1517-22-2	Phenanthrene-d10	979907	17.218				
1719-03-5	Chrysene-d12	851795	21.478				
1520-96-3	Perylene-d12	933109	24.527				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.849	2400	JD			5.849	
062108-25-2	Decane, 2,6,7-trimethyl-	1400	JD			6.39	
1000382-90-8	Carbonic acid, prop-1-en-2-yl trid	8500	JD			7.453	
	(DEL) Alkane: Cyclic8.111	2900	JD			8.111	
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	1900	JD			8.928	
	(DEL) Alkane: Straight-Chain9.057	9000	JD			9.057	
	(DEL) Alkane: Cyclic9.745	410	JD			9.745	
000099-87-6	p-Cymene	590	JD			10.027	
	(DEL) Alkane: Cyclic11.319	840	JD			11.319	
	(DEL) Alkane: Straight-Chain11.537	590	JD			11.537	
	(DEL) Alkane: Straight-Chain12.048	3600	JD			12.048	
	(DEL) Alkane: Straight-Chain12.859	1500	JD			12.859	
	(DEL) Alkane: Straight-Chain13.000	4000	JD			13	
000575-37-1	Naphthalene, 1,7-dimethyl-	1700	JD			13.628	
000581-40-8	Naphthalene, 2,3-dimethyl-	4300	JD			13.787	
	(DEL) Alkane: Straight-Chain13.993	1300	JD			13.993	
000575-41-7	Naphthalene, 1,3-dimethyl-	2100	JD			14.022	

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M1DL	SDG No.:	BG120924
Lab Sample ID:	P5066-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063603.D	5	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain14.369	9300	JD			14.369	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	2900	JD			14.674	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	4200	JD			14.868	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	4500	JD			14.945	
004957-14-6	Methane, di-p-tolyl-	2100	JD			15.808	
000490-65-3	Naphthalene, 1-methyl-7-(1-methyle	1400	JD			15.932	
1000383-71-8	1,6-Dimethyl- 3-ethylnaphthalene	2400	JD			16.032	
003031-15-0	Naphthalene, 1,2,3,4-tetramethyl-	5400	JD			16.337	
001430-97-3	9H-Fluorene, 2-methyl-	2800	JD			16.507	
001730-37-6	9H-Fluorene, 1-methyl-	4800	JD			16.578	
000605-39-0	2,2-Dimethylbiphenyl	2600	JD			16.731	
	(DEL) Alkane: Straight-Chain17.718	2000	JD			17.718	
000832-69-9	Phenanthrene, 1-methyl-	6300	JD			18.1	
000613-12-7	Anthracene, 2-methyl-	7900	JD			18.147	
000610-48-0	Anthracene, 1-methyl-	4900	JD			18.229	
002531-84-2	Phenanthrene, 2-methyl-	4300	JD			18.288	
022825-21-4	Benzene, 1,1-(2-cyclopropen-1-yli	2300	JD			18.329	
000612-94-2	Naphthalene, 2-phenyl-	1800	JD			18.599	
1000452-24-5	3,4-Dimethylphenanthrene	2600	JD			18.846	
002789-88-0	di-p-Tolylacetylene	2800	JD			18.899	
001576-67-6	Phenanthrene, 3,6-dimethyl-	1300	JD			18.934	
003674-65-5	Phenanthrene, 2,3-dimethyl-	2600	JD			19.022	
	(DEL) Alkane: Straight-Chain19.052	1700	JD			19.052	
003674-66-6	Phenanthrene, 2,5-dimethyl-	1900	JD			19.157	
	(DEL) Alkane: Straight-Chain21.319	3900	JD			21.319	
E966796	Total Alkanes	43000	D			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK440	SDG No.:	BG120924
Lab Sample ID:	PB165440BL	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
BG063605.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

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:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK440	SDG No.:	BG120924
Lab Sample ID:	PB165440BL	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
BG063605.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

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:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK440	SDG No.:	BG120924
Lab Sample ID:	PB165440BL	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
BG063605.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.86		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	21.441		20-120		54	SPK: -40
4165-62-2	Phenol-d5	25.569		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.13		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.34		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	26.989		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	24.817		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.919		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.921		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.962		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.223		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	24.859		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.034		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	22.762		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK440	SDG No.:	BG120924
Lab Sample ID:	PB165440BL	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
BG063605.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.45		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	24.186		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	26.768		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.26		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	136434	7.817				
1146-65-2	Naphthalene-d8	614142	10.614				
15067-26-2	Acenaphthene-d10	535551	14.468				
1517-22-2	Phenanthrene-d10	1348184	17.218				
1719-03-5	Chrysene-d12	1163487	21.477				
1520-96-3	Perylene-d12	1228356	24.515				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK438	SDG No.:	BG120924
Lab Sample ID:	PB165438BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063606.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165438

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	930	U	930	200	2000	ug/Kg
100-52-7	Benzaldehyde	2100	U	2100	2500	9900	ug/Kg
110-86-1	Pyridine	3500	U	3500	4900	9900	ug/Kg
108-95-2	Phenol	1500	U	1500	2500	9900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1900	U	1900	2500	9900	ug/Kg
95-57-8	2-Chlorophenol	1500	U	1500	1300	5000	ug/Kg
95-48-7	2-Methylphenol	1200	U	1200	2500	9900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000	U	2000	2500	9900	ug/Kg
98-86-2	Acetophenone	1500	U	1500	2500	9900	ug/Kg
106-44-5	4-Methylphenol	1500	U	1500	2500	9900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2100	U	2100	1300	5000	ug/Kg
67-72-1	Hexachloroethane	1700	U	1700	1300	5000	ug/Kg
98-95-3	Nitrobenzene	1800	U	1800	1300	5000	ug/Kg
78-59-1	Isophorone	1100	U	1100	1300	5000	ug/Kg
88-75-5	2-Nitrophenol	860	U	860	1300	5000	ug/Kg
105-67-9	2,4-Dimethylphenol	580	U	580	1300	5000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	960	U	960	1300	5000	ug/Kg
120-83-2	2,4-Dichlorophenol	740	U	740	1300	5000	ug/Kg
91-20-3	Naphthalene	550	U	550	1300	5000	ug/Kg
106-47-8	4-Chloroaniline	890	U	890	1300	9900	ug/Kg
87-68-3	Hexachlorobutadiene	1200	U	1200	1300	5000	ug/Kg
105-60-2	Caprolactam	2000	U	2000	2500	9900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100	U	1100	1300	5000	ug/Kg
90-12-0	1-Methylnaphthalene	610	U	610	1300	5000	ug/Kg
91-57-6	2-Methylnaphthalene	750	U	750	1300	5000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2600	U	2600	2500	9900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1300	5000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	950	U	950	1300	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK438	SDG No.:	BG120924
Lab Sample ID:	PB165438BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063606.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165438

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	900	U	900	1300	5000	ug/Kg
91-58-7	2-Chloronaphthalene	840	U	840	1300	5000	ug/Kg
88-74-4	2-Nitroaniline	1600	U	1600	1300	5000	ug/Kg
131-11-3	Dimethylphthalate	810	U	810	1300	5000	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500	U	1500	1300	5000	ug/Kg
208-96-8	Acenaphthylene	860	U	860	1300	5000	ug/Kg
99-09-2	3-Nitroaniline	1300	U	1300	2500	9900	ug/Kg
83-32-9	Acenaphthene	770	U	770	1300	5000	ug/Kg
51-28-5	2,4-Dinitrophenol	3600	U	3600	2500	9900	ug/Kg
100-02-7	4-Nitrophenol	1600	U	1600	2500	9900	ug/Kg
132-64-9	Dibenzofuran	770	U	770	1300	5000	ug/Kg
121-14-2	2,4-Dinitrotoluene	950	U	950	1300	5000	ug/Kg
84-66-2	Diethylphthalate	1700	U	1700	1300	5000	ug/Kg
86-73-7	Fluorene	1700	U	1700	1300	5000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200	U	1200	1300	5000	ug/Kg
100-01-6	4-Nitroaniline	1200	U	1200	2500	9900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2500	U	2500	2500	9900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2800	U	2800	1300	5000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	870	U	870	1300	5000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900	U	1900	1300	5000	ug/Kg
118-74-1	Hexachlorobenzene	2200	U	2200	1300	5000	ug/Kg
1912-24-9	Atrazine	2100	U	2100	2500	9900	ug/Kg
87-86-5	Pentachlorophenol	3300	U	3300	2500	9900	ug/Kg
85-01-8	Phenanthrene	680	U	680	1300	5000	ug/Kg
608-93-5	Pentachlorobenzene	2100	U	2100	1300	5000	ug/Kg
120-12-7	Anthracene	560	U	560	1300	5000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2200	U	2200	1300	5000	ug/Kg
86-74-8	Carbazole	940	U	940	2500	9900	ug/Kg
84-74-2	Di-n-butylphthalate	840	U	840	1300	5000	ug/Kg
206-44-0	Fluoranthene	590	U	590	2500	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK438	SDG No.:	BG120924
Lab Sample ID:	PB165438BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063606.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165438

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	610	U	610	1300	5000	ug/Kg
85-68-7	Butylbenzylphthalate	510	U	510	1300	5000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2000	U	2000	2500	9900	ug/Kg
56-55-3	Benzo(a)anthracene	760	U	760	1300	5000	ug/Kg
218-01-9	Chrysene	640	U	640	1300	5000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	560	U	560	1300	5000	ug/Kg
117-84-0	Di-n-octyl phthalate	1300	U	1300	2500	9900	ug/Kg
205-99-2	Benzo(b)fluoranthene	960	U	960	1300	5000	ug/Kg
207-08-9	Benzo(k)fluoranthene	830	U	830	1300	5000	ug/Kg
50-32-8	Benzo(a)pyrene	980	U	980	1300	5000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	920	U	920	1300	5000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	760	U	760	1300	5000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	890	U	890	1300	5000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800	U	1800	1300	5000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.743		15-120		84	SPK: -8
7291-22-7	Pyridine-d5	29.13		20-120		73	SPK: -40
4165-62-2	Phenol-d5	37.044		10-130		93	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.897		10-150		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	38.963		15-120		97	SPK: -40
190780-66-6	4-Methylphenol-d8	36.921		10-140		92	SPK: -40
4165-60-0	Nitrobenzene-d5	32.279		10-135		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.507		10-120		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.38		10-140		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.295		1-145		83	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.546		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	34.702		15-120		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.366		10-150		78	SPK: -40
81103-79-9	Fluorene-d10	30.744		20-140		77	SPK: -40

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK438	SDG No.:	BG120924
Lab Sample ID:	PB165438BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063606.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165438

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.303		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	32.864		10-150		82	SPK: -40
1718-52-1	Pyrene-d10	37.26		10-130		93	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.423		10-140		86	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94338	7.823				
1146-65-2	Naphthalene-d8	432583	10.614				
15067-26-2	Acenaphthene-d10	368293	14.462				
1517-22-2	Phenanthrene-d10	958481	17.218				
1719-03-5	Chrysene-d12	819644	21.472				
1520-96-3	Perylene-d12	872575	24.509				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	900	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N8	SDG No.:	BG120924
Lab Sample ID:	P5066-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063607.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	35	U	35	8.5	85	ug/Kg
100-52-7	Benzaldehyde	74	U	74	110	420	ug/Kg
110-86-1	Pyridine	99	U	99	210	420	ug/Kg
108-95-2	Phenol	130	J	38	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	110	420	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	54.4	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	54.4	220	ug/Kg
67-72-1	Hexachloroethane	78	U	78	54.4	220	ug/Kg
98-95-3	Nitrobenzene	82	U	82	54.4	220	ug/Kg
78-59-1	Isophorone	85	U	85	54.4	220	ug/Kg
88-75-5	2-Nitrophenol	77	U	77	54.4	220	ug/Kg
105-67-9	2,4-Dimethylphenol	41	U	41	54.4	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	58	U	58	54.4	220	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	54.4	220	ug/Kg
91-20-3	Naphthalene	31	U	31	54.4	220	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	54.4	420	ug/Kg
87-68-3	Hexachlorobutadiene	45	U	45	54.4	220	ug/Kg
105-60-2	Caprolactam	82	U	82	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	54.4	220	ug/Kg
90-12-0	1-Methylnaphthalene	31	U	31	54.4	220	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	54.4	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	31	U	31	54.4	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	54.4	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N8	SDG No.:	BG120924
Lab Sample ID:	P5066-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063607.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	54.4	220	ug/Kg
91-58-7	2-Chloronaphthalene	42	U	42	54.4	220	ug/Kg
88-74-4	2-Nitroaniline	58	U	58	54.4	220	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	54.4	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	54.4	220	ug/Kg
208-96-8	Acenaphthylene	37	U	37	54.4	220	ug/Kg
99-09-2	3-Nitroaniline	85	U	85	110	420	ug/Kg
83-32-9	Acenaphthene	33	U	33	54.4	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	420	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	110	420	ug/Kg
132-64-9	Dibenzofuran	35	U	35	54.4	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	54.4	220	ug/Kg
84-66-2	Diethylphthalate	42	U	42	54.4	220	ug/Kg
86-73-7	Fluorene	35	U	35	54.4	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	54.4	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	54.4	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	44	54.4	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	54.4	220	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	54.4	220	ug/Kg
1912-24-9	Atrazine	36	U	36	110	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	110	420	ug/Kg
85-01-8	Phenanthrene	35	U	35	54.4	220	ug/Kg
608-93-5	Pentachlorobenzene	47	U	47	54.4	220	ug/Kg
120-12-7	Anthracene	32	U	32	54.4	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	54.4	220	ug/Kg
86-74-8	Carbazole	44	U	44	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	35	U	35	54.4	220	ug/Kg
206-44-0	Fluoranthene	24	U	24	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N8	SDG No.:	BG120924
Lab Sample ID:	P5066-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063607.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	23	U	23	54.4	220	ug/Kg
85-68-7	Butylbenzylphthalate	28	U	28	54.4	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67	U	67	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	54.4	220	ug/Kg
218-01-9	Chrysene	31	U	31	54.4	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	32	U	32	54.4	220	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	61	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	47	U	47	54.4	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	49	U	49	54.4	220	ug/Kg
50-32-8	Benzo(a)pyrene	40	U	40	54.4	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	54.4	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	54.4	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	54.4	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	54.4	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.649		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	16.686		20-120		42	SPK: -40
4165-62-2	Phenol-d5	15.715		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.499		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.644		15-120		32	SPK: -40
190780-66-6	4-Methylphenol-d8	21.519		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	23.014		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	6.685		10-120		17	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.559		10-140		24	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.885		1-145		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.288		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	26.79		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.181	*	10-150		8	SPK: -40
81103-79-9	Fluorene-d10	22.156		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N8	SDG No.:	BG120924
Lab Sample ID:	P5066-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063607.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	1.241	*	10-130		3	SPK: -40
1719-06-8	Anthracene-d10	25.941		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	26.814		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.002		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	167463	7.824				
1146-65-2	Naphthalene-d8	730564	10.615				
15067-26-2	Acenaphthene-d10	547934	14.463				
1517-22-2	Phenanthrene-d10	1149618	17.219				
1719-03-5	Chrysene-d12	1006205	21.478				
1520-96-3	Perylene-d12	1129851	24.522				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain13.288	140	J			13.288	
	(DEL) Alkane: Straight-Chain14.363	300	J			14.363	
	(DEL) Alkane: Straight-Chain14.986	130	J			14.986	
	(DEL) Alkane: Straight-Chain15.726	330	J			15.726	
000119-61-9	Benzophenone	250	J			15.826	
	(DEL) Alkane: Straight-Chain16.185	810	J			16.185	
	(DEL) Alkane: Straight-Chain16.978	510	J			16.978	
1000382-54-3	Carbonic acid, eicosyl vinyl ester	820	J			17.031	
	(DEL) Alkane: Straight-Chain17.636	180	J			17.636	
	(DEL) Alkane: Straight-Chain17.718	580	J			17.718	
	(DEL) Alkane: Straight-Chain18.411	380	J			18.411	
	(DEL) Alkane: Straight-Chain19.046	350	J			19.046	
E966796	Total Alkanes	3700				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N8MS	SDG No.:	BG120924
Lab Sample ID:	P5066-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
Sample Wt/Vol:	30.06	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
BG063608.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	390		35	8.4	85	ug/Kg
100-52-7	Benzaldehyde	400	J	74	110	420	ug/Kg
110-86-1	Pyridine	950		98	210	420	ug/Kg
108-95-2	Phenol	1400		38	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300		37	110	420	ug/Kg
95-57-8	2-Chlorophenol	1400		36	54.3	220	ug/Kg
95-48-7	2-Methylphenol	1300		40	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		51	110	420	ug/Kg
98-86-2	Acetophenone	1200		84	110	420	ug/Kg
106-44-5	4-Methylphenol	1300		68	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1300		100	54.3	220	ug/Kg
67-72-1	Hexachloroethane	1300		78	54.3	220	ug/Kg
98-95-3	Nitrobenzene	1200		82	54.3	220	ug/Kg
78-59-1	Isophorone	1200		84	54.3	220	ug/Kg
88-75-5	2-Nitrophenol	1300		77	54.3	220	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		41	54.3	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400		58	54.3	220	ug/Kg
120-83-2	2,4-Dichlorophenol	1300		49	54.3	220	ug/Kg
91-20-3	Naphthalene	1400		31	54.3	220	ug/Kg
106-47-8	4-Chloroaniline	440		46	54.3	420	ug/Kg
87-68-3	Hexachlorobutadiene	1000		45	54.3	220	ug/Kg
105-60-2	Caprolactam	1300		82	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		52	54.3	220	ug/Kg
90-12-0	1-Methylnaphthalene	1300		31	54.3	220	ug/Kg
91-57-6	2-Methylnaphthalene	1300		41	54.3	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000		120	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		31	54.3	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		42	54.3	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N8MS	SDG No.:	BG120924
Lab Sample ID:	P5066-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
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
BG063608.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1500		33	54.3	220	ug/Kg
91-58-7	2-Chloronaphthalene	1400		42	54.3	220	ug/Kg
88-74-4	2-Nitroaniline	1400		58	54.3	220	ug/Kg
131-11-3	Dimethylphthalate	1300		38	54.3	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		26	54.3	220	ug/Kg
208-96-8	Acenaphthylene	1400		37	54.3	220	ug/Kg
99-09-2	3-Nitroaniline	1300		84	110	420	ug/Kg
83-32-9	Acenaphthene	1400		33	54.3	220	ug/Kg
51-28-5	2,4-Dinitrophenol	1200		170	110	420	ug/Kg
100-02-7	4-Nitrophenol	1000		56	110	420	ug/Kg
132-64-9	Dibenzofuran	1300		35	54.3	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		45	54.3	220	ug/Kg
84-66-2	Diethylphthalate	1300		42	54.3	220	ug/Kg
86-73-7	Fluorene	1200		35	54.3	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		26	54.3	220	ug/Kg
100-01-6	4-Nitroaniline	1500		31	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		49	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1700		31	54.3	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		43	54.3	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		33	54.3	220	ug/Kg
118-74-1	Hexachlorobenzene	1300		36	54.3	220	ug/Kg
1912-24-9	Atrazine	36	U	36	110	420	ug/Kg
87-86-5	Pentachlorophenol	1500		110	110	420	ug/Kg
85-01-8	Phenanthrene	1400		35	54.3	220	ug/Kg
608-93-5	Pentachlorobenzene	1500		47	54.3	220	ug/Kg
120-12-7	Anthracene	1400		32	54.3	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1600		22	54.3	220	ug/Kg
86-74-8	Carbazole	1500		43	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	1500		35	54.3	220	ug/Kg
206-44-0	Fluoranthene	1500		24	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N8MS	SDG No.:	BG120924
Lab Sample ID:	P5066-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
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
BG063608.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1500		23	54.3	220	ug/Kg
85-68-7	Butylbenzylphthalate	1900		28	54.3	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600		66	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	1400		29	54.3	220	ug/Kg
218-01-9	Chrysene	1400		31	54.3	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1900		32	54.3	220	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		61	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		47	54.3	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		49	54.3	220	ug/Kg
50-32-8	Benzo(a)pyrene	1400		40	54.3	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		36	54.3	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		33	54.3	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		41	54.3	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		46	54.3	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.894		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	16.947		20-120		42	SPK: -40
4165-62-2	Phenol-d5	15.973		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.66		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.523		15-120		31	SPK: -40
190780-66-6	4-Methylphenol-d8	21.68		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	22.997		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	6.944		10-120		17	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	10.809		10-140		27	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.193		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.507		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	24.673		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.872		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	20.15		20-140		50	SPK: -40

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N8MS	SDG No.:	BG120924
Lab Sample ID:	P5066-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
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
BG063608.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.708	*	10-130		7	SPK: -40
1719-06-8	Anthracene-d10	23.168		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	24.237		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.188		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	164375	7.823				
1146-65-2	Naphthalene-d8	716575	10.614				
15067-26-2	Acenaphthene-d10	535917	14.462				
1517-22-2	Phenanthrene-d10	1117625	17.218				
1719-03-5	Chrysene-d12	977600	21.477				
1520-96-3	Perylene-d12	1084029	24.521				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	33	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N8MSD	SDG No.:	BG120924
Lab Sample ID:	P5066-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
Sample Wt/Vol:	30.08	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
BG063609.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	380		34	8.4	85	ug/Kg
100-52-7	Benzaldehyde	330	J	74	110	420	ug/Kg
110-86-1	Pyridine	830		98	210	420	ug/Kg
108-95-2	Phenol	1200		38	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100		37	110	420	ug/Kg
95-57-8	2-Chlorophenol	1200		36	54.3	220	ug/Kg
95-48-7	2-Methylphenol	1100		40	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		51	110	420	ug/Kg
98-86-2	Acetophenone	1100		84	110	420	ug/Kg
106-44-5	4-Methylphenol	1100		68	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1100		100	54.3	220	ug/Kg
67-72-1	Hexachloroethane	1100		78	54.3	220	ug/Kg
98-95-3	Nitrobenzene	970		82	54.3	220	ug/Kg
78-59-1	Isophorone	990		84	54.3	220	ug/Kg
88-75-5	2-Nitrophenol	1200		77	54.3	220	ug/Kg
105-67-9	2,4-Dimethylphenol	960		41	54.3	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100		57	54.3	220	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		49	54.3	220	ug/Kg
91-20-3	Naphthalene	1200		31	54.3	220	ug/Kg
106-47-8	4-Chloroaniline	360	J	46	54.3	420	ug/Kg
87-68-3	Hexachlorobutadiene	870		45	54.3	220	ug/Kg
105-60-2	Caprolactam	1100		82	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		52	54.3	220	ug/Kg
90-12-0	1-Methylnaphthalene	1100		31	54.3	220	ug/Kg
91-57-6	2-Methylnaphthalene	1100		41	54.3	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	830		120	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		31	54.3	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		42	54.3	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N8MSD	SDG No.:	BG120924
Lab Sample ID:	P5066-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
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
BG063609.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1200		33	54.3	220	ug/Kg
91-58-7	2-Chloronaphthalene	1200		42	54.3	220	ug/Kg
88-74-4	2-Nitroaniline	1200		57	54.3	220	ug/Kg
131-11-3	Dimethylphthalate	1100		38	54.3	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		26	54.3	220	ug/Kg
208-96-8	Acenaphthylene	1200		37	54.3	220	ug/Kg
99-09-2	3-Nitroaniline	1100		84	110	420	ug/Kg
83-32-9	Acenaphthene	1200		33	54.3	220	ug/Kg
51-28-5	2,4-Dinitrophenol	1000		170	110	420	ug/Kg
100-02-7	4-Nitrophenol	890		56	110	420	ug/Kg
132-64-9	Dibenzofuran	1100		34	54.3	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		45	54.3	220	ug/Kg
84-66-2	Diethylphthalate	1100		42	54.3	220	ug/Kg
86-73-7	Fluorene	1000		34	54.3	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	900		26	54.3	220	ug/Kg
100-01-6	4-Nitroaniline	1200		31	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		49	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1400		31	54.3	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		43	54.3	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		33	54.3	220	ug/Kg
118-74-1	Hexachlorobenzene	1100		36	54.3	220	ug/Kg
1912-24-9	Atrazine	36	U	36	110	420	ug/Kg
87-86-5	Pentachlorophenol	1300		110	110	420	ug/Kg
85-01-8	Phenanthrene	1200		34	54.3	220	ug/Kg
608-93-5	Pentachlorobenzene	1200		47	54.3	220	ug/Kg
120-12-7	Anthracene	1200		32	54.3	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1300		22	54.3	220	ug/Kg
86-74-8	Carbazole	1300		43	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	1300		34	54.3	220	ug/Kg
206-44-0	Fluoranthene	1300		24	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N8MSD	SDG No.:	BG120924
Lab Sample ID:	P5066-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
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
BG063609.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		23	54.3	220	ug/Kg
85-68-7	Butylbenzylphthalate	1600		28	54.3	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		66	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	1200		29	54.3	220	ug/Kg
218-01-9	Chrysene	1200		31	54.3	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		32	54.3	220	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		61	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		47	54.3	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		49	54.3	220	ug/Kg
50-32-8	Benzo(a)pyrene	1200		40	54.3	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		36	54.3	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		33	54.3	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		41	54.3	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	900		46	54.3	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.482		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	14.033		20-120		35	SPK: -40
4165-62-2	Phenol-d5	13.561		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.49		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.163		15-120		25	SPK: -40
190780-66-6	4-Methylphenol-d8	18.237		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	19.144		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	5.825		10-120		15	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.75		10-140		24	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.11		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.863		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	20.808		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.035		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	17.022		20-140		43	SPK: -40

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N8MSD	SDG No.:	BG120924
Lab Sample ID:	P5066-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
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
BG063609.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.252	*	10-130		6	SPK: -40
1719-06-8	Anthracene-d10	19.424		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	19.922		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.472		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	182706	7.825				
1146-65-2	Naphthalene-d8	809018	10.615				
15067-26-2	Acenaphthene-d10	606227	14.464				
1517-22-2	Phenanthrene-d10	1290513	17.219				
1719-03-5	Chrysene-d12	1126981	21.479				
1520-96-3	Perylene-d12	1227688	24.517				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	33	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M8	SDG No.:	BG120924
Lab Sample ID:	P5066-09	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
BG063610.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

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	40	J	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:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M8	SDG No.:	BG120924
Lab Sample ID:	P5066-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
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
BG063610.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

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	100	U	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:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M8	SDG No.:	BG120924
Lab Sample ID:	P5066-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
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
BG063610.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

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	41	U	41	48.6	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.79		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	12.835		20-120		32	SPK: -40
4165-62-2	Phenol-d5	15.604		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.146		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.721		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	16.761		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	15.133		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.132		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.688		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.688		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.813		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	18.726		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.024		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	16.772		20-140		42	SPK: -40

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M8	SDG No.:	BG120924
Lab Sample ID:	P5066-09	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
BG063610.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.746		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	18.351		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	20.367		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.602		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	149562	7.823				
1146-65-2	Naphthalene-d8	648818	10.614				
15067-26-2	Acenaphthene-d10	543470	14.462				
1517-22-2	Phenanthrene-d10	1251315	17.218				
1719-03-5	Chrysene-d12	1052188	21.472				
1520-96-3	Perylene-d12	1168572	24.503				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	150	J			15.825	
	(DEL) Alkane: Straight-Chain	21.131	J			21.131	
E966796	Total Alkanes	180				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N3	SDG No.:	BG120924
Lab Sample ID:	P5066-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.4
Sample Wt/Vol:	30	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
BG063611.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.4	74	ug/Kg
100-52-7	Benzaldehyde	65	U	65	92.1	370	ug/Kg
110-86-1	Pyridine	86	U	86	180	370	ug/Kg
108-95-2	Phenol	40	J	33	92.1	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	92.1	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.4	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	92.1	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	92.1	370	ug/Kg
98-86-2	Acetophenone	74	U	74	92.1	370	ug/Kg
106-44-5	4-Methylphenol	59	U	59	92.1	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	88	U	88	47.4	190	ug/Kg
67-72-1	Hexachloroethane	68	U	68	47.4	190	ug/Kg
98-95-3	Nitrobenzene	71	U	71	47.4	190	ug/Kg
78-59-1	Isophorone	74	U	74	47.4	190	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	47.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	47.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	47.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	47.4	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47.4	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	47.4	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.4	190	ug/Kg
105-60-2	Caprolactam	71	U	71	92.1	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	47.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	47.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.1	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N3	SDG No.:	BG120924
Lab Sample ID:	P5066-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.4
Sample Wt/Vol:	30	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
BG063611.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.4	190	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	47.4	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	47.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47.4	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	47.4	190	ug/Kg
99-09-2	3-Nitroaniline	74	U	74	92.1	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	92.1	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.1	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.4	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.4	190	ug/Kg
86-73-7	Fluorene	30	U	30	47.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.4	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	92.1	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	92.1	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.4	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47.4	190	ug/Kg
1912-24-9	Atrazine	31	U	31	92.1	370	ug/Kg
87-86-5	Pentachlorophenol	98	U	98	92.1	370	ug/Kg
85-01-8	Phenanthrene	30	U	30	47.4	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	47.4	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.4	190	ug/Kg
86-74-8	Carbazole	38	U	38	92.1	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.4	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	92.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N3	SDG No.:	BG120924
Lab Sample ID:	P5066-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063611.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	47.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	47.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	92.1	370	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	47.4	190	ug/Kg
218-01-9	Chrysene	27	U	27	47.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	440		28	47.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	92.1	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	47.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	47.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	47.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	47.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	47.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	47.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.133		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	11.561		20-120		29	SPK: -40
4165-62-2	Phenol-d5	18.063		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.826		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.578		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	18.784		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	19.619		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.703		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.93		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.197		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.58		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	21.931		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.865		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	18.419		20-140		46	SPK: -40

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N3	SDG No.:	BG120924
Lab Sample ID:	P5066-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.4
Sample Wt/Vol:	30	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
BG063611.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.964		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	20.303		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	22.326		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.152		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	162973	7.821				
1146-65-2	Naphthalene-d8	739347	10.611				
15067-26-2	Acenaphthene-d10	542489	14.466				
1517-22-2	Phenanthrene-d10	1188720	17.221				
1719-03-5	Chrysene-d12	1029939	21.475				
1520-96-3	Perylene-d12	1167667	24.513				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Cyclic11.316	190	J			11.316	
	(DEL) Alkane: Straight-Chain11.534	220	J			11.534	
	(DEL) Alkane: Straight-Chain11.640	770	J			11.64	
	(DEL) Alkane: Cyclic11.904	130	J			11.904	
	(DEL) Alkane: Straight-Chain12.045	1600	J			12.045	
	(DEL) Alkane: Cyclic12.738	610	J			12.738	
	(DEL) Alkane: Straight-Chain12.785	220	J			12.785	
	(DEL) Alkane: Straight-Chain12.856	610	J			12.856	
	(DEL) Alkane: Straight-Chain13.003	2100	J			13.003	
	(DEL) Alkane: Straight-Chain13.297	5500	J			13.297	
	(DEL) Alkane: Straight-Chain13.954	3300	J			13.954	
073105-67-6	1-Iodo-2-methylundecane	930	J			13.99	
	(DEL) Alkane: Straight-Chain14.231	240	J			14.231	
	(DEL) Alkane: Straight-Chain14.372	6500	J			14.372	
	(DEL) Alkane: Straight-Chain15.329	5200	J			15.329	
	(DEL) Alkane: Straight-Chain15.735	3700	J			15.735	
	(DEL) Alkane: Straight-Chain15.882	610	J			15.882	

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N3	SDG No.:	BG120924
Lab Sample ID:	P5066-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063611.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
019218-94-1	Tetradecane, 1-iodo-	3500	J			16.193	
	(DEL) Alkane: Straight-Chain16.528	400	J			16.528	
	(DEL) Alkane: Straight-Chain16.692	300	J			16.692	
	(DEL) Alkane: Straight-Chain16.986	2500	J			16.986	
	(DEL) Alkane: Straight-Chain17.039	3800	J			17.039	
	(DEL) Alkane: Straight-Chain17.515	300	J			17.515	
	(DEL) Alkane: Cyclic17.580	150	J			17.58	
	(DEL) Alkane: Straight-Chain17.638	580	J			17.638	
	(DEL) Alkane: Straight-Chain17.721	1900	J			17.721	
	(DEL) Alkane: Straight-Chain18.161	120	J			18.161	
	(DEL) Alkane: Straight-Chain18.414	1100	J			18.414	
	(DEL) Alkane: Straight-Chain18.878	150	J			18.878	
003386-33-2	Octadecane, 1-chloro-	130	J			19.213	
006946-24-3	Tetracosane, 1-bromo-	190	J			20.159	
E966796	Total Alkanes	43000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N7	SDG No.:	BG120924
Lab Sample ID:	P5066-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.8
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
BG063612.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.3	74	ug/Kg
100-52-7	Benzaldehyde	64	U	64	91.2	360	ug/Kg
110-86-1	Pyridine	85	U	85	180	360	ug/Kg
108-95-2	Phenol	60	J	33	91.2	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	91.2	360	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	91.2	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44	U	44	91.2	360	ug/Kg
98-86-2	Acetophenone	73	U	73	91.2	360	ug/Kg
106-44-5	4-Methylphenol	59	U	59	91.2	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	87	U	87	47	190	ug/Kg
67-72-1	Hexachloroethane	67	U	67	47	190	ug/Kg
98-95-3	Nitrobenzene	71	U	71	47	190	ug/Kg
78-59-1	Isophorone	73	U	73	47	190	ug/Kg
88-75-5	2-Nitrophenol	66	U	66	47	190	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	47	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	47	190	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	47	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	47	360	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47	190	ug/Kg
105-60-2	Caprolactam	71	U	71	91.2	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	47	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47	190	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	47	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	91.2	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	36	U	36	47	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N7	SDG No.:	BG120924
Lab Sample ID:	P5066-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.8
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
BG063612.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47	190	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	47	190	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	47	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	47	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	47	190	ug/Kg
99-09-2	3-Nitroaniline	73	U	73	91.2	360	ug/Kg
83-32-9	Acenaphthene	29	U	29	47	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	91.2	360	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	91.2	360	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47	190	ug/Kg
84-66-2	Diethylphthalate	36	U	36	47	190	ug/Kg
86-73-7	Fluorene	30	U	30	47	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	91.2	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	91.2	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47	190	ug/Kg
1912-24-9	Atrazine	31	U	31	91.2	360	ug/Kg
87-86-5	Pentachlorophenol	97	U	97	91.2	360	ug/Kg
85-01-8	Phenanthrene	30	U	30	47	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	47	190	ug/Kg
120-12-7	Anthracene	28	U	28	47	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47	190	ug/Kg
86-74-8	Carbazole	38	U	38	91.2	360	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	91.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N7	SDG No.:	BG120924
Lab Sample ID:	P5066-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.8
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
BG063612.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	47	190	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	47	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	91.2	360	ug/Kg
56-55-3	Benzo(a)anthracene	25	U	25	47	190	ug/Kg
218-01-9	Chrysene	27	U	27	47	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	47	190	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	91.2	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	47	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	47	190	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	47	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	47	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	47	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	47	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.549		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	19.291		20-120		48	SPK: -40
4165-62-2	Phenol-d5	25.754		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.382		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.72		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	28.026		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	27.437		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.272		10-120		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.891		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.084		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.963		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	30.189		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.514		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	25.931		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N7	SDG No.:	BG120924
Lab Sample ID:	P5066-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.8
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
BG063612.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.926		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	27.766		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	29.269		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.729		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	159141	7.823				
1146-65-2	Naphthalene-d8	713102	10.608				
15067-26-2	Acenaphthene-d10	547465	14.463				
1517-22-2	Phenanthrene-d10	1273235	17.218				
1719-03-5	Chrysene-d12	1082854	21.472				
1520-96-3	Perylene-d12	1192371	24.504				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain12.036	130	J			12.036	
004282-44-4	1-Iodoundecane	90	J			14.363	
000119-61-9	Benzophenone	220	J			15.826	
000057-10-3	n-Hexadecanoic acid	120	J			18.123	
	(DEL) Alkane: Straight-Chain21.137	230	J			21.137	
E966796	Total Alkanes	360				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N4	SDG No.:	BG120924
Lab Sample ID:	P5066-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063613.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	52	U	52	12.8	130	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	640	ug/Kg
110-86-1	Pyridine	150	U	150	320	640	ug/Kg
108-95-2	Phenol	66	J	58	160	640	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	56	U	56	160	640	ug/Kg
95-57-8	2-Chlorophenol	54	U	54	82.4	330	ug/Kg
95-48-7	2-Methylphenol	60	U	60	160	640	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	78	U	78	160	640	ug/Kg
98-86-2	Acetophenone	130	U	130	160	640	ug/Kg
106-44-5	4-Methylphenol	100	U	100	160	640	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	150	U	150	82.4	330	ug/Kg
67-72-1	Hexachloroethane	120	U	120	82.4	330	ug/Kg
98-95-3	Nitrobenzene	120	U	120	82.4	330	ug/Kg
78-59-1	Isophorone	130	U	130	82.4	330	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	82.4	330	ug/Kg
105-67-9	2,4-Dimethylphenol	62	U	62	82.4	330	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	87	U	87	82.4	330	ug/Kg
120-83-2	2,4-Dichlorophenol	74	U	74	82.4	330	ug/Kg
91-20-3	Naphthalene	47	U	47	82.4	330	ug/Kg
106-47-8	4-Chloroaniline	70	U	70	82.4	640	ug/Kg
87-68-3	Hexachlorobutadiene	68	U	68	82.4	330	ug/Kg
105-60-2	Caprolactam	120	U	120	160	640	ug/Kg
59-50-7	4-Chloro-3-methylphenol	80	U	80	82.4	330	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	82.4	330	ug/Kg
91-57-6	2-Methylnaphthalene	62	U	62	82.4	330	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	160	640	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47	U	47	82.4	330	ug/Kg
95-95-4	2,4,5-Trichlorophenol	64	U	64	82.4	330	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N4	SDG No.:	BG120924
Lab Sample ID:	P5066-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063613.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	50	U	50	82.4	330	ug/Kg
91-58-7	2-Chloronaphthalene	64	U	64	82.4	330	ug/Kg
88-74-4	2-Nitroaniline	87	U	87	82.4	330	ug/Kg
131-11-3	Dimethylphthalate	58	U	58	82.4	330	ug/Kg
606-20-2	2,6-Dinitrotoluene	39	U	39	82.4	330	ug/Kg
208-96-8	Acenaphthylene	56	U	56	82.4	330	ug/Kg
99-09-2	3-Nitroaniline	130	U	130	160	640	ug/Kg
83-32-9	Acenaphthene	50	U	50	82.4	330	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	160	640	ug/Kg
100-02-7	4-Nitrophenol	85	U	85	160	640	ug/Kg
132-64-9	Dibenzofuran	52	U	52	82.4	330	ug/Kg
121-14-2	2,4-Dinitrotoluene	68	U	68	82.4	330	ug/Kg
84-66-2	Diethylphthalate	64	U	64	82.4	330	ug/Kg
86-73-7	Fluorene	52	U	52	82.4	330	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	39	U	39	82.4	330	ug/Kg
100-01-6	4-Nitroaniline	47	U	47	160	640	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	74	U	74	160	640	ug/Kg
86-30-6	N-Nitrosodiphenylamine	47	U	47	82.4	330	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	66	U	66	82.4	330	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50	U	50	82.4	330	ug/Kg
118-74-1	Hexachlorobenzene	54	U	54	82.4	330	ug/Kg
1912-24-9	Atrazine	54	U	54	160	640	ug/Kg
87-86-5	Pentachlorophenol	170	U	170	160	640	ug/Kg
85-01-8	Phenanthrene	52	U	52	82.4	330	ug/Kg
608-93-5	Pentachlorobenzene	72	U	72	82.4	330	ug/Kg
120-12-7	Anthracene	48	U	48	82.4	330	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	33	U	33	82.4	330	ug/Kg
86-74-8	Carbazole	66	U	66	160	640	ug/Kg
84-74-2	Di-n-butylphthalate	52	U	52	82.4	330	ug/Kg
206-44-0	Fluoranthene	37	U	37	160	330	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N4	SDG No.:	BG120924
Lab Sample ID:	P5066-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.6
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
BG063613.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	35	U	35	82.4	330	ug/Kg
85-68-7	Butylbenzylphthalate	43	U	43	82.4	330	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	160	640	ug/Kg
56-55-3	Benzo(a)anthracene	45	U	45	82.4	330	ug/Kg
218-01-9	Chrysene	47	U	47	82.4	330	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	48	U	48	82.4	330	ug/Kg
117-84-0	Di-n-octyl phthalate	93	U	93	160	640	ug/Kg
205-99-2	Benzo(b)fluoranthene	72	U	72	82.4	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	74	U	74	82.4	330	ug/Kg
50-32-8	Benzo(a)pyrene	60	U	60	82.4	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54	U	54	82.4	330	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50	U	50	82.4	330	ug/Kg
191-24-2	Benzo(g,h,i)perylene	62	U	62	82.4	330	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	70	U	70	82.4	330	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.706		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	13.409		20-120		34	SPK: -40
4165-62-2	Phenol-d5	15.532		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.248		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.866		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	16.963		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	14.463		10-135		36	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.421		10-120		36	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.135		10-140		38	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.728		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.142		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	16.084		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.967		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	13.869		20-140		35	SPK: -40

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N4	SDG No.:	BG120924
Lab Sample ID:	P5066-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063613.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.066		10-130		13	SPK: -40
1719-06-8	Anthracene-d10	14.516		10-150		36	SPK: -40
1718-52-1	Pyrene-d10	14.333		10-130		36	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.818		10-140		30	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	142365	7.823				
1146-65-2	Naphthalene-d8	651916	10.614				
15067-26-2	Acenaphthene-d10	521878	14.462				
1517-22-2	Phenanthrene-d10	1335568	17.218				
1719-03-5	Chrysene-d12	1145581	21.472				
1520-96-3	Perylene-d12	1234456	24.503				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	230	J			15.825	
000506-51-4	n-Tetracosanol-1	220	J			21.131	
E966796	Total Alkanes	50	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N6	SDG No.:	BG120924
Lab Sample ID:	P5066-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063614.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

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	71	U	71	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	34	U	34	52.2	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	97	U	97	52.2	210	ug/Kg
67-72-1	Hexachloroethane	75	U	75	52.2	210	ug/Kg
98-95-3	Nitrobenzene	79	U	79	52.2	210	ug/Kg
78-59-1	Isophorone	81	U	81	52.2	210	ug/Kg
88-75-5	2-Nitrophenol	74	U	74	52.2	210	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	52.2	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	52.2	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	52.2	210	ug/Kg
91-20-3	Naphthalene	29	U	29	52.2	210	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	52.2	410	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	52.2	210	ug/Kg
105-60-2	Caprolactam	79	U	79	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	52.2	210	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	52.2	210	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	52.2	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	52.2	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	52.2	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N6	SDG No.:	BG120924
Lab Sample ID:	P5066-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063614.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	52.2	210	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	52.2	210	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	52.2	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	52.2	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	52.2	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	52.2	210	ug/Kg
99-09-2	3-Nitroaniline	81	U	81	100	410	ug/Kg
83-32-9	Acenaphthene	32	U	32	52.2	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	52.2	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	52.2	210	ug/Kg
84-66-2	Diethylphthalate	41	U	41	52.2	210	ug/Kg
86-73-7	Fluorene	33	U	33	52.2	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.2	210	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	52.2	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	52.2	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	52.2	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	52.2	210	ug/Kg
1912-24-9	Atrazine	34	U	34	100	410	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	410	ug/Kg
85-01-8	Phenanthrene	33	U	33	52.2	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	52.2	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.2	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	52.2	210	ug/Kg
86-74-8	Carbazole	42	U	42	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	52.2	210	ug/Kg
206-44-0	Fluoranthene	23	U	23	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N6	SDG No.:	BG120924
Lab Sample ID:	P5066-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30	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
BG063614.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	22	U	22	52.2	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	52.2	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	52.2	210	ug/Kg
218-01-9	Chrysene	29	U	29	52.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	31	U	31	52.2	210	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	59	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	45	U	45	52.2	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.2	210	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	52.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	52.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	52.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	52.2	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	52.2	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.858		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	11.594		20-120		29	SPK: -40
4165-62-2	Phenol-d5	14.622		10-130		37	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.803		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.858		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	14.808		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	14.865		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.912		10-120		40	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.554		10-140		34	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.396		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.212		10-145		41	SPK: -40
93951-97-4	Acenaphthylene-d8	16.273		15-120		41	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.888		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	14.666		20-140		37	SPK: -40

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N6	SDG No.:	BG120924
Lab Sample ID:	P5066-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063614.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.079		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	16.005		10-150		40	SPK: -40
1718-52-1	Pyrene-d10	16.321		10-130		41	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.305		10-140		36	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	139508	7.824				
1146-65-2	Naphthalene-d8	633114	10.609				
15067-26-2	Acenaphthene-d10	523505	14.463				
1517-22-2	Phenanthrene-d10	1339534	17.219				
1719-03-5	Chrysene-d12	1172475	21.473				
1520-96-3	Perylene-d12	1295790	24.511				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	140	J			15.821	
002004-39-9	1-Heptacosanol	170	J			21.132	
E966796	Total Alkanes	32	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M4	SDG No.:	BG120924
Lab Sample ID:	P5066-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.5
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
BG063615.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	7.1	72	ug/Kg
100-52-7	Benzaldehyde	62	U	62	88.9	360	ug/Kg
110-86-1	Pyridine	83	U	83	180	360	ug/Kg
108-95-2	Phenol	32	U	32	88.9	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	31	U	31	88.9	360	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	45.8	180	ug/Kg
95-48-7	2-Methylphenol	33	U	33	88.9	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43	U	43	88.9	360	ug/Kg
98-86-2	Acetophenone	71	U	71	88.9	360	ug/Kg
106-44-5	4-Methylphenol	57	U	57	88.9	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	85	U	85	45.8	180	ug/Kg
67-72-1	Hexachloroethane	66	U	66	45.8	180	ug/Kg
98-95-3	Nitrobenzene	69	U	69	45.8	180	ug/Kg
78-59-1	Isophorone	71	U	71	45.8	180	ug/Kg
88-75-5	2-Nitrophenol	65	U	65	45.8	180	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	45.8	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	45.8	180	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	45.8	180	ug/Kg
91-20-3	Naphthalene	26	U	26	45.8	180	ug/Kg
106-47-8	4-Chloroaniline	39	U	39	45.8	360	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	45.8	180	ug/Kg
105-60-2	Caprolactam	69	U	69	88.9	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	45.8	180	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	45.8	180	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	45.8	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	88.9	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26	U	26	45.8	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	36	U	36	45.8	180	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M4	SDG No.:	BG120924
Lab Sample ID:	P5066-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.5
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
BG063615.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	45.8	180	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	45.8	180	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	45.8	180	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	45.8	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	45.8	180	ug/Kg
208-96-8	Acenaphthylene	31	U	31	45.8	180	ug/Kg
99-09-2	3-Nitroaniline	71	U	71	88.9	360	ug/Kg
83-32-9	Acenaphthene	28	U	28	45.8	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	88.9	360	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	88.9	360	ug/Kg
132-64-9	Dibenzofuran	29	U	29	45.8	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	38	U	38	45.8	180	ug/Kg
84-66-2	Diethylphthalate	36	U	36	45.8	180	ug/Kg
86-73-7	Fluorene	29	U	29	45.8	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	45.8	180	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	88.9	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	41	U	41	88.9	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	45.8	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	45.8	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	45.8	180	ug/Kg
118-74-1	Hexachlorobenzene	30	U	30	45.8	180	ug/Kg
1912-24-9	Atrazine	30	U	30	88.9	360	ug/Kg
87-86-5	Pentachlorophenol	95	U	95	88.9	360	ug/Kg
85-01-8	Phenanthrene	29	U	29	45.8	180	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	45.8	180	ug/Kg
120-12-7	Anthracene	27	U	27	45.8	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	45.8	180	ug/Kg
86-74-8	Carbazole	37	U	37	88.9	360	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	45.8	180	ug/Kg
206-44-0	Fluoranthene	20	U	20	88.9	180	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M4	SDG No.:	BG120924
Lab Sample ID:	P5066-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.5
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
BG063615.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	19	U	19	45.8	180	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	45.8	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	88.9	360	ug/Kg
56-55-3	Benzo(a)anthracene	25	U	25	45.8	180	ug/Kg
218-01-9	Chrysene	26	U	26	45.8	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	27	U	27	45.8	180	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	88.9	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	45.8	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	45.8	180	ug/Kg
50-32-8	Benzo(a)pyrene	33	U	33	45.8	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30	U	30	45.8	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	45.8	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	45.8	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	45.8	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.489		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	13.47		20-120		34	SPK: -40
4165-62-2	Phenol-d5	16.933		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.751		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.492		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	17.07		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	17.701		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.773		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.346		10-140		41	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.708		1-145		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.77		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	19.202		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.105		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	18.314		20-140		46	SPK: -40

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M4	SDG No.:	BG120924
Lab Sample ID:	P5066-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.5
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
BG063615.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.325		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	17.871		10-150		45	SPK: -40
1718-52-1	Pyrene-d10	21.13		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.36		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	146316	7.824				
1146-65-2	Naphthalene-d8	645198	10.615				
15067-26-2	Acenaphthene-d10	521207	14.463				
1517-22-2	Phenanthrene-d10	1317390	17.213				
1719-03-5	Chrysene-d12	1153051	21.473				
1520-96-3	Perylene-d12	1291379	24.505				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	180	J			15.821	
000506-52-5	1-Hexacosanol	110	J			21.132	
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M6	SDG No.:	BG120924
Lab Sample ID:	P5066-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063616.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.3	73	ug/Kg
100-52-7	Benzaldehyde	64	U	64	90.7	360	ug/Kg
110-86-1	Pyridine	85	U	85	180	360	ug/Kg
108-95-2	Phenol	33	U	33	90.7	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	90.7	360	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	46.7	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	90.7	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44	U	44	90.7	360	ug/Kg
98-86-2	Acetophenone	73	U	73	90.7	360	ug/Kg
106-44-5	4-Methylphenol	58	U	58	90.7	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	87	U	87	46.7	190	ug/Kg
67-72-1	Hexachloroethane	67	U	67	46.7	190	ug/Kg
98-95-3	Nitrobenzene	70	U	70	46.7	190	ug/Kg
78-59-1	Isophorone	73	U	73	46.7	190	ug/Kg
88-75-5	2-Nitrophenol	66	U	66	46.7	190	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	46.7	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	46.7	190	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	46.7	190	ug/Kg
91-20-3	Naphthalene	26	U	26	46.7	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	46.7	360	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	46.7	190	ug/Kg
105-60-2	Caprolactam	70	U	70	90.7	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	46.7	190	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	46.7	190	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	46.7	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	90.7	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26	U	26	46.7	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	36	U	36	46.7	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M6	SDG No.:	BG120924
Lab Sample ID:	P5066-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063616.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	46.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	46.7	190	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	46.7	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	46.7	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	46.7	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	46.7	190	ug/Kg
99-09-2	3-Nitroaniline	73	U	73	90.7	360	ug/Kg
83-32-9	Acenaphthene	29	U	29	46.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	90.7	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	90.7	360	ug/Kg
132-64-9	Dibenzofuran	30	U	30	46.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	38	U	38	46.7	190	ug/Kg
84-66-2	Diethylphthalate	36	U	36	46.7	190	ug/Kg
86-73-7	Fluorene	30	U	30	46.7	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.7	190	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	90.7	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	90.7	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	46.7	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	46.7	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	46.7	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	46.7	190	ug/Kg
1912-24-9	Atrazine	31	U	31	90.7	360	ug/Kg
87-86-5	Pentachlorophenol	97	U	97	90.7	360	ug/Kg
85-01-8	Phenanthrene	30	U	30	46.7	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	46.7	190	ug/Kg
120-12-7	Anthracene	27	U	27	46.7	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	46.7	190	ug/Kg
86-74-8	Carbazole	37	U	37	90.7	360	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	46.7	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	90.7	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M6	SDG No.:	BG120924
Lab Sample ID:	P5066-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063616.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	46.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	46.7	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	90.7	360	ug/Kg
56-55-3	Benzo(a)anthracene	25	U	25	46.7	190	ug/Kg
218-01-9	Chrysene	26	U	26	46.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	27	U	27	46.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	90.7	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	46.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	46.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	46.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	46.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	46.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	46.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	46.7	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.465		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	11.628		20-120		29	SPK: -40
4165-62-2	Phenol-d5	13.891		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.509		10-150		34	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.368		15-120		38	SPK: -40
190780-66-6	4-Methylphenol-d8	15.266		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	13.663		10-135		34	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.077		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.545		10-140		34	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.653		1-145		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.272		10-145		41	SPK: -40
93951-97-4	Acenaphthylene-d8	16.226		15-120		41	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.568		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	14.265		20-140		36	SPK: -40

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M6	SDG No.:	BG120924
Lab Sample ID:	P5066-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063616.D	1	12/5/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.344		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	15.131		10-150		38	SPK: -40
1718-52-1	Pyrene-d10	15.441		10-130		39	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.865		10-140		35	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	160009	7.824				
1146-65-2	Naphthalene-d8	731913	10.609				
15067-26-2	Acenaphthene-d10	588661	14.463				
1517-22-2	Phenanthrene-d10	1396674	17.213				
1719-03-5	Chrysene-d12	1262269	21.472				
1520-96-3	Perylene-d12	1338666	24.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	130	J			15.826	
	(DEL) Alkane: Straight-Chain	21.132	J			21.132	
E966796	Total Alkanes	110				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M7	SDG No.:	BG120924
Lab Sample ID:	P5066-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063617.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	7.2	73	ug/Kg
100-52-7	Benzaldehyde	63	U	63	90.1	360	ug/Kg
110-86-1	Pyridine	84	U	84	180	360	ug/Kg
108-95-2	Phenol	38	J	33	90.1	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	90.1	360	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	46.4	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	90.1	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44	U	44	90.1	360	ug/Kg
98-86-2	Acetophenone	72	U	72	90.1	360	ug/Kg
106-44-5	4-Methylphenol	58	U	58	90.1	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	86	U	86	46.4	190	ug/Kg
67-72-1	Hexachloroethane	67	U	67	46.4	190	ug/Kg
98-95-3	Nitrobenzene	70	U	70	46.4	190	ug/Kg
78-59-1	Isophorone	72	U	72	46.4	190	ug/Kg
88-75-5	2-Nitrophenol	66	U	66	46.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	46.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	46.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	46.4	190	ug/Kg
91-20-3	Naphthalene	26	U	26	46.4	190	ug/Kg
106-47-8	4-Chloroaniline	39	U	39	46.4	360	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	46.4	190	ug/Kg
105-60-2	Caprolactam	70	U	70	90.1	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	46.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	46.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	46.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	90.1	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26	U	26	46.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	36	U	36	46.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M7	SDG No.:	BG120924
Lab Sample ID:	P5066-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063617.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	46.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	46.4	190	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	46.4	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	46.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	46.4	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	46.4	190	ug/Kg
99-09-2	3-Nitroaniline	72	U	72	90.1	360	ug/Kg
83-32-9	Acenaphthene	28	U	28	46.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	90.1	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	90.1	360	ug/Kg
132-64-9	Dibenzofuran	29	U	29	46.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	38	U	38	46.4	190	ug/Kg
84-66-2	Diethylphthalate	36	U	36	46.4	190	ug/Kg
86-73-7	Fluorene	29	U	29	46.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.4	190	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	90.1	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	41	U	41	90.1	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	46.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	46.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	46.4	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	46.4	190	ug/Kg
1912-24-9	Atrazine	31	U	31	90.1	360	ug/Kg
87-86-5	Pentachlorophenol	96	U	96	90.1	360	ug/Kg
85-01-8	Phenanthrene	29	U	29	46.4	190	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	46.4	190	ug/Kg
120-12-7	Anthracene	27	U	27	46.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	46.4	190	ug/Kg
86-74-8	Carbazole	37	U	37	90.1	360	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	46.4	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	90.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M7	SDG No.:	BG120924
Lab Sample ID:	P5066-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063617.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	46.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	46.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	90.1	360	ug/Kg
56-55-3	Benzo(a)anthracene	25	U	25	46.4	190	ug/Kg
218-01-9	Chrysene	26	U	26	46.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	27	U	27	46.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	90.1	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	46.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	46.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	46.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	46.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	46.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	46.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	46.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.91		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	15.507		20-120		39	SPK: -40
4165-62-2	Phenol-d5	18.904		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.087		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.201		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	19.147		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	20.341		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.78		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.559		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.154		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.551		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	21.774		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.244		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	19.259		20-140		48	SPK: -40

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M7	SDG No.:	BG120924
Lab Sample ID:	P5066-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063617.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.683		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	20.966		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	21.745		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.207		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	150018	7.819				
1146-65-2	Naphthalene-d8	655048	10.61				
15067-26-2	Acenaphthene-d10	536090	14.465				
1517-22-2	Phenanthrene-d10	1289042	17.214				
1719-03-5	Chrysene-d12	1138618	21.468				
1520-96-3	Perylene-d12	1231920	24.5				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	130	J			15.822	
000557-61-9	Octacosanol	170	J			21.133	
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SLCS438	SDG No.:	BG120924
Lab Sample ID:	PB165438BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063618.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165438

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9700		910	190	1900	ug/Kg
100-52-7	Benzaldehyde	8500	J	2000	2400	9700	ug/Kg
110-86-1	Pyridine	32000		3400	4800	9700	ug/Kg
108-95-2	Phenol	37000		1500	2400	9700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34000		1800	2400	9700	ug/Kg
95-57-8	2-Chlorophenol	41000		1500	1200	4900	ug/Kg
95-48-7	2-Methylphenol	37000		1200	2400	9700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	38000		1900	2400	9700	ug/Kg
98-86-2	Acetophenone	32000		1500	2400	9700	ug/Kg
106-44-5	4-Methylphenol	35000		1500	2400	9700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	31000		2000	1200	4900	ug/Kg
67-72-1	Hexachloroethane	30000		1700	1200	4900	ug/Kg
98-95-3	Nitrobenzene	29000		1700	1200	4900	ug/Kg
78-59-1	Isophorone	29000		1100	1200	4900	ug/Kg
88-75-5	2-Nitrophenol	35000		840	1200	4900	ug/Kg
105-67-9	2,4-Dimethylphenol	32000		570	1200	4900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	33000		940	1200	4900	ug/Kg
120-83-2	2,4-Dichlorophenol	34000		730	1200	4900	ug/Kg
91-20-3	Naphthalene	32000		540	1200	4900	ug/Kg
106-47-8	4-Chloroaniline	22000		870	1200	9700	ug/Kg
87-68-3	Hexachlorobutadiene	23000		1200	1200	4900	ug/Kg
105-60-2	Caprolactam	33000		1900	2400	9700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33000		1100	1200	4900	ug/Kg
90-12-0	1-Methylnaphthalene	31000		600	1200	4900	ug/Kg
91-57-6	2-Methylnaphthalene	31000		740	1200	4900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	18000		2500	2400	9700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	35000		1200	1200	4900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	35000		930	1200	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SLCS438	SDG No.:	BG120924
Lab Sample ID:	PB165438BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063618.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165438

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33000		880	1200	4900	ug/Kg
91-58-7	2-Chloronaphthalene	32000		830	1200	4900	ug/Kg
88-74-4	2-Nitroaniline	35000		1600	1200	4900	ug/Kg
131-11-3	Dimethylphthalate	31000		800	1200	4900	ug/Kg
606-20-2	2,6-Dinitrotoluene	32000		1500	1200	4900	ug/Kg
208-96-8	Acenaphthylene	35000		840	1200	4900	ug/Kg
99-09-2	3-Nitroaniline	38000		1300	2400	9700	ug/Kg
83-32-9	Acenaphthene	34000		760	1200	4900	ug/Kg
51-28-5	2,4-Dinitrophenol	29000		3500	2400	9700	ug/Kg
100-02-7	4-Nitrophenol	27000		1600	2400	9700	ug/Kg
132-64-9	Dibenzofuran	31000		760	1200	4900	ug/Kg
121-14-2	2,4-Dinitrotoluene	32000		930	1200	4900	ug/Kg
84-66-2	Diethylphthalate	33000		1700	1200	4900	ug/Kg
86-73-7	Fluorene	31000		1700	1200	4900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27000		1200	1200	4900	ug/Kg
100-01-6	4-Nitroaniline	43000		1200	2400	9700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	28000		2400	2400	9700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	35000		2700	1200	4900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26000		850	1200	4900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28000		1800	1200	4900	ug/Kg
118-74-1	Hexachlorobenzene	29000		2100	1200	4900	ug/Kg
1912-24-9	Atrazine	31000		2000	2400	9700	ug/Kg
87-86-5	Pentachlorophenol	38000		3200	2400	9700	ug/Kg
85-01-8	Phenanthrene	34000		670	1200	4900	ug/Kg
608-93-5	Pentachlorobenzene	28000		2000	1200	4900	ug/Kg
120-12-7	Anthracene	34000		550	1200	4900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	28000		2100	1200	4900	ug/Kg
86-74-8	Carbazole	35000		920	2400	9700	ug/Kg
84-74-2	Di-n-butylphthalate	37000		830	1200	4900	ug/Kg
206-44-0	Fluoranthene	35000		580	2400	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SLCS438	SDG No.:	BG120924
Lab Sample ID:	PB165438BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063618.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165438

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	34000		600	1200	4900	ug/Kg
85-68-7	Butylbenzylphthalate	47000		500	1200	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	37000		1900	2400	9700	ug/Kg
56-55-3	Benzo(a)anthracene	33000		750	1200	4900	ug/Kg
218-01-9	Chrysene	33000		630	1200	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	45000		550	1200	4900	ug/Kg
117-84-0	Di-n-octyl phthalate	44000		1300	2400	9700	ug/Kg
205-99-2	Benzo(b)fluoranthene	33000		940	1200	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	32000		820	1200	4900	ug/Kg
50-32-8	Benzo(a)pyrene	33000		960	1200	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33000		900	1200	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34000		750	1200	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34000		870	1200	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33000		1700	1200	4900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.043		15-120		88	SPK: -8
7291-22-7	Pyridine-d5	32.529		20-120		81	SPK: -40
4165-62-2	Phenol-d5	37.412		10-130		94	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.774		10-150		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	40.402		15-120		101	SPK: -40
190780-66-6	4-Methylphenol-d8	37.665		10-140		94	SPK: -40
4165-60-0	Nitrobenzene-d5	34.163		10-135		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.797		10-120		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.506		10-140		89	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.29		1-145		76	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.802		10-145		82	SPK: -40
93951-97-4	Acenaphthylene-d8	34.671		15-120		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	40.207		10-150		101	SPK: -40
81103-79-9	Fluorene-d10	31.688		20-140		79	SPK: -40

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SLCS438	SDG No.:	BG120924
Lab Sample ID:	PB165438BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063618.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165438

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.256		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	33.721		10-150		84	SPK: -40
1718-52-1	Pyrene-d10	34.449		10-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.142		10-140		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	103961	7.821				
1146-65-2	Naphthalene-d8	466539	10.612				
15067-26-2	Acenaphthene-d10	376461	14.466				
1517-22-2	Phenanthrene-d10	991352	17.216				
1719-03-5	Chrysene-d12	910157	21.476				
1520-96-3	Perylene-d12	979306	24.502				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	880	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SLCS440	SDG No.:	BG120924
Lab Sample ID:	PB165440BS	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
BG063619.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	260		27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	210	J	58	82.5	330	ug/Kg
110-86-1	Pyridine	770		77	170	330	ug/Kg
108-95-2	Phenol	880		30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	830		29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	970		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	900		31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	930		40	82.5	330	ug/Kg
98-86-2	Acetophenone	770		66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	900		53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	780		79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	710		61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	720		64	42.5	170	ug/Kg
78-59-1	Isophorone	760		66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	850		60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	790		32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	830		45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	840		38	42.5	170	ug/Kg
91-20-3	Naphthalene	820		24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	540		36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	570		35	42.5	170	ug/Kg
105-60-2	Caprolactam	840		64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	820		41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	790		24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	790		32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	420		97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	770		24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	810		33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SLCS440	SDG No.:	BG120924
Lab Sample ID:	PB165440BS	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
BG063619.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	750		26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	760		33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	860		45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	750		30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	740		20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	800		29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	920		66	82.5	330	ug/Kg
83-32-9	Acenaphthene	800		26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	740		130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	710		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	750		27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	760		35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	800		33	42.5	170	ug/Kg
86-73-7	Fluorene	750		27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	640		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1000		24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	690		38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	840		24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	600		34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	710		26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	710		28	42.5	170	ug/Kg
1912-24-9	Atrazine	780		28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	970		88	82.5	330	ug/Kg
85-01-8	Phenanthrene	840		27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	700		37	42.5	170	ug/Kg
120-12-7	Anthracene	820		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	660		17	42.5	170	ug/Kg
86-74-8	Carbazole	860		34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	890		27	42.5	170	ug/Kg
206-44-0	Fluoranthene	870		19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SLCS440	SDG No.:	BG120924
Lab Sample ID:	PB165440BS	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
BG063619.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	860		18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1100		22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	930		52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	820		23	42.5	170	ug/Kg
218-01-9	Chrysene	840		24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	820		37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	810		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	810		31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	810		28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	820		26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	830		32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	800		36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.762		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	23.542		20-120		59	SPK: -40
4165-62-2	Phenol-d5	26.641		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.288		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.527		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	26.743		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	24.903		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.136		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.893		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.725		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.258		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	24.124		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.379		10-150		71	SPK: -40
81103-79-9	Fluorene-d10	21.526		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SLCS440	SDG No.:	BG120924
Lab Sample ID:	PB165440BS	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
BG063619.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.813		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	24.162		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	25.021		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.444		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	144460	7.819				
1146-65-2	Naphthalene-d8	628864	10.61				
15067-26-2	Acenaphthene-d10	545096	14.465				
1517-22-2	Phenanthrene-d10	1393069	17.214				
1719-03-5	Chrysene-d12	1258805	21.474				
1520-96-3	Perylene-d12	1367903	24.506				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK440	SDG No.:	BG120924
Lab Sample ID:	PB165440BL	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
BG063621.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

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:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK440	SDG No.:	BG120924
Lab Sample ID:	PB165440BL	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
BG063621.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

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:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK440	SDG No.:	BG120924
Lab Sample ID:	PB165440BL	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
BG063621.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

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	5.121		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	23.432		20-120		59	SPK: -40
4165-62-2	Phenol-d5	26		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.588		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.957		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	24.731		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	24.569		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.526		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.454		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.445		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.983		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	24.164		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.378		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	22.367		20-140		56	SPK: -40

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK440	SDG No.:	BG120924
Lab Sample ID:	PB165440BL	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
BG063621.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.934		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	23.848		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	24.571		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.172		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	149011	7.823				
1146-65-2	Naphthalene-d8	644127	10.608				
15067-26-2	Acenaphthene-d10	545803	14.463				
1517-22-2	Phenanthrene-d10	1422850	17.212				
1719-03-5	Chrysene-d12	1333751	21.472				
1520-96-3	Perylene-d12	1471028	24.498				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N0	SDG No.:	BG120924
Lab Sample ID:	P5066-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
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
BG063622.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.5	76	ug/Kg
100-52-7	Benzaldehyde	66	U	66	94	380	ug/Kg
110-86-1	Pyridine	88	U	88	190	380	ug/Kg
108-95-2	Phenol	72	J	34	94	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	94	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.4	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	94	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	94	380	ug/Kg
98-86-2	Acetophenone	75	U	75	94	380	ug/Kg
106-44-5	4-Methylphenol	60	U	60	94	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	90	U	90	48.4	190	ug/Kg
67-72-1	Hexachloroethane	69	U	69	48.4	190	ug/Kg
98-95-3	Nitrobenzene	73	U	73	48.4	190	ug/Kg
78-59-1	Isophorone	75	U	75	48.4	190	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	48.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	48.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	48.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	48.4	190	ug/Kg
91-20-3	Naphthalene	27	U	27	48.4	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.4	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.4	190	ug/Kg
105-60-2	Caprolactam	73	U	73	94	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	48.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	48.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	48.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	48.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	48.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N0	SDG No.:	BG120924
Lab Sample ID:	P5066-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
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
BG063622.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	48.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	48.4	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	48.4	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.4	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.4	190	ug/Kg
99-09-2	3-Nitroaniline	75	U	75	94	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	48.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	94	380	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	94	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.4	190	ug/Kg
84-66-2	Diethylphthalate	38	U	38	48.4	190	ug/Kg
86-73-7	Fluorene	31	U	31	48.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.4	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	94	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	94	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	48.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	48.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	48.4	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.4	190	ug/Kg
1912-24-9	Atrazine	32	U	32	94	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	94	380	ug/Kg
85-01-8	Phenanthrene	31	U	31	48.4	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48.4	190	ug/Kg
120-12-7	Anthracene	28	U	28	48.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	48.4	190	ug/Kg
86-74-8	Carbazole	39	U	39	94	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.4	190	ug/Kg
206-44-0	Fluoranthene	22	U	22	94	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N0	SDG No.:	BG120924
Lab Sample ID:	P5066-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
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
BG063622.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	48.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	94	380	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	48.4	190	ug/Kg
218-01-9	Chrysene	27	U	27	48.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	48.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	94	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	48.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	48.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	48.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	48.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	48.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	48.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.652		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	17.671		20-120		44	SPK: -40
4165-62-2	Phenol-d5	27.717		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.421		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.161		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	27.208		10-140		68	SPK: -40
4165-60-0	Nitrobenzene-d5	28.877		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.609		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.134		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.491		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.832		10-145		77	SPK: -40
93951-97-4	Acenaphthylene-d8	32.32		15-120		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.653		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	28.28		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N0	SDG No.:	BG120924
Lab Sample ID:	P5066-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
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
BG063622.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.353		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	29.599		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	30.979		10-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.201		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	171931	7.82				
1146-65-2	Naphthalene-d8	772404	10.61				
15067-26-2	Acenaphthene-d10	614335	14.465				
1517-22-2	Phenanthrene-d10	1449869	17.214				
1719-03-5	Chrysene-d12	1265217	21.468				
1520-96-3	Perylene-d12	1414277	24.5				
TENTATIVE IDENTIFIED COMPOUNDS							
000098-54-4	Phenol, p-tert-butyl-	170	J			11.956	
000119-61-9	Benzophenone	230	J			15.822	
000057-10-3	n-Hexadecanoic acid	170	J			18.119	
002004-39-9	1-Heptacosanol	230	J			21.133	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M2	SDG No.:	BG120924
Lab Sample ID:	P5066-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063623.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

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	97.5	390	ug/Kg
110-86-1	Pyridine	91	U	91	200	390	ug/Kg
108-95-2	Phenol	35	U	35	97.5	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	97.5	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.2	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	97.5	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	97.5	390	ug/Kg
98-86-2	Acetophenone	78	U	78	97.5	390	ug/Kg
106-44-5	4-Methylphenol	63	U	63	97.5	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	93	U	93	50.2	200	ug/Kg
67-72-1	Hexachloroethane	72	U	72	50.2	200	ug/Kg
98-95-3	Nitrobenzene	76	U	76	50.2	200	ug/Kg
78-59-1	Isophorone	78	U	78	50.2	200	ug/Kg
88-75-5	2-Nitrophenol	71	U	71	50.2	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50.2	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	50.2	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	50.2	200	ug/Kg
91-20-3	Naphthalene	220		28	50.2	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	50.2	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	50.2	200	ug/Kg
105-60-2	Caprolactam	76	U	76	97.5	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	50.2	200	ug/Kg
90-12-0	1-Methylnaphthalene	430		28	50.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	630		38	50.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	97.5	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	50.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	50.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M2	SDG No.:	BG120924
Lab Sample ID:	P5066-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063623.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	51	J	31	50.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	50.2	200	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	50.2	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	50.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50.2	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	50.2	200	ug/Kg
99-09-2	3-Nitroaniline	78	U	78	97.5	390	ug/Kg
83-32-9	Acenaphthene	75	J	31	50.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	97.5	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	97.5	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50.2	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	50.2	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	50.2	200	ug/Kg
86-73-7	Fluorene	230		32	50.2	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.2	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	97.5	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	97.5	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	50.2	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	50.2	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50.2	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	50.2	200	ug/Kg
1912-24-9	Atrazine	33	U	33	97.5	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	97.5	390	ug/Kg
85-01-8	Phenanthrene	1100		32	50.2	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.2	200	ug/Kg
120-12-7	Anthracene	290		30	50.2	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50.2	200	ug/Kg
86-74-8	Carbazole	40	U	40	97.5	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.2	200	ug/Kg
206-44-0	Fluoranthene	370		22	97.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M2	SDG No.:	BG120924
Lab Sample ID:	P5066-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.4
Sample Wt/Vol:	30	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
BG063623.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	430		21	50.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	50.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	97.5	390	ug/Kg
56-55-3	Benzo(a)anthracene	53	J	27	50.2	200	ug/Kg
218-01-9	Chrysene	80	J	28	50.2	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	50.2	200	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	97.5	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	44	50.2	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	50.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	50.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	50.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	50.2	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	50.2	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.149		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	12.076		20-120		30	SPK: -40
4165-62-2	Phenol-d5	15.945		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.042		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.95		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	17.67		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	19.251		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.785		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.546		10-140		34	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.338		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.008		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	20.845		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	0.48	*	10-150		1	SPK: -40
81103-79-9	Fluorene-d10	17.805		20-140		45	SPK: -40

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M2	SDG No.:	BG120924
Lab Sample ID:	P5066-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.4
Sample Wt/Vol:	30	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
BG063623.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0.503	*	10-130		1	SPK: -40
1719-06-8	Anthracene-d10	19.543		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	22.828		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.471		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	216120	7.824				
1146-65-2	Naphthalene-d8	915941	10.609				
15067-26-2	Acenaphthene-d10	648747	14.463				
1517-22-2	Phenanthrene-d10	1397136	17.218				
1719-03-5	Chrysene-d12	1151182	21.478				
1520-96-3	Perylene-d12	1286087	24.539				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.849	420	J			5.849	
	(DEL) Alkane: Cyclic6.108	300	J			6.108	
	(DEL) Alkane: Cyclic8.111	480	J			8.111	
	(DEL) Alkane: Straight-Chain8.482	300	J			8.482	
000099-87-6	p-Cymene	180	J			10.021	
	(DEL) Alkane: Straight-Chain11.637	280	J			11.637	
	(DEL) Alkane: Straight-Chain12.853	180	J			12.853	
	(DEL) Alkane: Straight-Chain13.000	540	J			13	
000581-42-0	Naphthalene, 2,6-dimethyl-	220	J			13.623	
000581-40-8	Naphthalene, 2,3-dimethyl-	480	J			13.781	
	(DEL) Alkane: Straight-Chain14.369	1200	J			14.369	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	330	J			14.674	
000090-43-7	o-Hydroxybiphenyl	220	J			14.739	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	530	J			14.868	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	550	J			14.939	
	(DEL) Alkane: Straight-Chain15.321	570	J			15.321	
000529-05-5	Chamazulene	300	J			16.032	

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M2	SDG No.:	BG120924
Lab Sample ID:	P5066-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063623.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
003031-15-0	Naphthalene, 1,2,3,4-tetramethyl-	660	J			16.331	
001430-97-3	9H-Fluorene, 2-methyl-	350	J			16.502	
001730-37-6	9H-Fluorene, 1-methyl-	630	J			16.572	
	(DEL) Alkane: Straight-Chain17.030	320	J			17.03	
004612-63-9	9H-Fluorene, 2,3-dimethyl-	450	J			17.418	
	(DEL) Alkane: Straight-Chain17.718	420	J			17.718	
002531-84-2	Phenanthrene, 2-methyl-	720	J			18.094	
000832-69-9	Phenanthrene, 1-methyl-	1000	J			18.147	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	580	J			18.229	
000612-94-2	Naphthalene, 2-phenyl-	210	J			18.599	
001576-67-6	Phenanthrene, 3,6-dimethyl-	200	J			18.846	
	(DEL) Alkane: Straight-Chain19.046	290	J			19.046	
	(DEL) Alkane: Straight-Chain19.804	410	J			19.804	
1000309-12-4	Sulfurous acid, 2-propyl tridecyl	790	J			21.32	
E966796	Total Alkanes	5700				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M5	SDG No.:	BG120924
Lab Sample ID:	P5066-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	4.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063624.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	28	U	28	6.9	70	ug/Kg
100-52-7	Benzaldehyde	61	U	61	86.1	340	ug/Kg
110-86-1	Pyridine	80	U	80	170	340	ug/Kg
108-95-2	Phenol	31	U	31	86.1	340	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	30	U	30	86.1	340	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	44.4	180	ug/Kg
95-48-7	2-Methylphenol	32	U	32	86.1	340	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	42	U	42	86.1	340	ug/Kg
98-86-2	Acetophenone	69	U	69	86.1	340	ug/Kg
106-44-5	4-Methylphenol	55	U	55	86.1	340	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	82	U	82	44.4	180	ug/Kg
67-72-1	Hexachloroethane	64	U	64	44.4	180	ug/Kg
98-95-3	Nitrobenzene	67	U	67	44.4	180	ug/Kg
78-59-1	Isophorone	69	U	69	44.4	180	ug/Kg
88-75-5	2-Nitrophenol	63	U	63	44.4	180	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	44.4	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	44.4	180	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	44.4	180	ug/Kg
91-20-3	Naphthalene	25	U	25	44.4	180	ug/Kg
106-47-8	4-Chloroaniline	38	U	38	44.4	340	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	44.4	180	ug/Kg
105-60-2	Caprolactam	67	U	67	86.1	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	44.4	180	ug/Kg
90-12-0	1-Methylnaphthalene	25	U	25	44.4	180	ug/Kg
91-57-6	2-Methylnaphthalene	33	U	33	44.4	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	86.1	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	25	U	25	44.4	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	34	U	34	44.4	180	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M5	SDG No.:	BG120924
Lab Sample ID:	P5066-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	4.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063624.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	44.4	180	ug/Kg
91-58-7	2-Chloronaphthalene	34	U	34	44.4	180	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	44.4	180	ug/Kg
131-11-3	Dimethylphthalate	31	U	31	44.4	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	44.4	180	ug/Kg
208-96-8	Acenaphthylene	30	U	30	44.4	180	ug/Kg
99-09-2	3-Nitroaniline	69	U	69	86.1	340	ug/Kg
83-32-9	Acenaphthene	27	U	27	44.4	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	86.1	340	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	86.1	340	ug/Kg
132-64-9	Dibenzofuran	28	U	28	44.4	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	37	U	37	44.4	180	ug/Kg
84-66-2	Diethylphthalate	34	U	34	44.4	180	ug/Kg
86-73-7	Fluorene	28	U	28	44.4	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	44.4	180	ug/Kg
100-01-6	4-Nitroaniline	25	U	25	86.1	340	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	40	U	40	86.1	340	ug/Kg
86-30-6	N-Nitrosodiphenylamine	25	U	25	44.4	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	35	U	35	44.4	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27	U	27	44.4	180	ug/Kg
118-74-1	Hexachlorobenzene	29	U	29	44.4	180	ug/Kg
1912-24-9	Atrazine	29	U	29	86.1	340	ug/Kg
87-86-5	Pentachlorophenol	92	U	92	86.1	340	ug/Kg
85-01-8	Phenanthrene	28	U	28	44.4	180	ug/Kg
608-93-5	Pentachlorobenzene	39	U	39	44.4	180	ug/Kg
120-12-7	Anthracene	26	U	26	44.4	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	44.4	180	ug/Kg
86-74-8	Carbazole	35	U	35	86.1	340	ug/Kg
84-74-2	Di-n-butylphthalate	28	U	28	44.4	180	ug/Kg
206-44-0	Fluoranthene	20	U	20	86.1	180	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M5	SDG No.:	BG120924
Lab Sample ID:	P5066-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	4.2
Sample Wt/Vol:	30	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
BG063624.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	19	U	19	44.4	180	ug/Kg
85-68-7	Butylbenzylphthalate	23	U	23	44.4	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54	U	54	86.1	340	ug/Kg
56-55-3	Benzo(a)anthracene	24	U	24	44.4	180	ug/Kg
218-01-9	Chrysene	25	U	25	44.4	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	26	U	26	44.4	180	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	86.1	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	39	44.4	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	40	U	40	44.4	180	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	44.4	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29	U	29	44.4	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27	U	27	44.4	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33	U	33	44.4	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	44.4	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.465		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	10.614		20-120		27	SPK: -40
4165-62-2	Phenol-d5	13.491		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.646		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.369		15-120		36	SPK: -40
190780-66-6	4-Methylphenol-d8	14.402		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	13.223		10-135		33	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.803		10-120		35	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.049		10-140		33	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.555		1-145		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.091		10-145		35	SPK: -40
93951-97-4	Acenaphthylene-d8	15.035		15-120		38	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.571		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	13.103		20-140		33	SPK: -40

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M5	SDG No.:	BG120924
Lab Sample ID:	P5066-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	4.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063624.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.688		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	14.463		10-150		36	SPK: -40
1718-52-1	Pyrene-d10	16.04		10-130		40	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.625		10-140		37	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	185559	7.823				
1146-65-2	Naphthalene-d8	870407	10.614				
15067-26-2	Acenaphthene-d10	704860	14.462				
1517-22-2	Phenanthrene-d10	1567015	17.218				
1719-03-5	Chrysene-d12	1261385	21.472				
1520-96-3	Perylene-d12	1442347	24.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	110	J			15.826	
E966796	Total Alkanes	27	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N1	SDG No.:	BG120924
Lab Sample ID:	P5066-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063625.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	7.2	73	ug/Kg
100-52-7	Benzaldehyde	63	U	63	90.1	360	ug/Kg
110-86-1	Pyridine	84	U	84	180	360	ug/Kg
108-95-2	Phenol	92	J	33	90.1	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	90.1	360	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	46.4	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	90.1	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44	U	44	90.1	360	ug/Kg
98-86-2	Acetophenone	72	U	72	90.1	360	ug/Kg
106-44-5	4-Methylphenol	58	U	58	90.1	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	86	U	86	46.4	190	ug/Kg
67-72-1	Hexachloroethane	67	U	67	46.4	190	ug/Kg
98-95-3	Nitrobenzene	70	U	70	46.4	190	ug/Kg
78-59-1	Isophorone	72	U	72	46.4	190	ug/Kg
88-75-5	2-Nitrophenol	66	U	66	46.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	46.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	46.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	46.4	190	ug/Kg
91-20-3	Naphthalene	26	U	26	46.4	190	ug/Kg
106-47-8	4-Chloroaniline	39	U	39	46.4	360	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	46.4	190	ug/Kg
105-60-2	Caprolactam	70	U	70	90.1	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	46.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	46.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	46.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	90.1	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26	U	26	46.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	36	U	36	46.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N1	SDG No.:	BG120924
Lab Sample ID:	P5066-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063625.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	46.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	46.4	190	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	46.4	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	46.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	46.4	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	46.4	190	ug/Kg
99-09-2	3-Nitroaniline	72	U	72	90.1	360	ug/Kg
83-32-9	Acenaphthene	28	U	28	46.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	90.1	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	90.1	360	ug/Kg
132-64-9	Dibenzofuran	29	U	29	46.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	38	U	38	46.4	190	ug/Kg
84-66-2	Diethylphthalate	36	U	36	46.4	190	ug/Kg
86-73-7	Fluorene	29	U	29	46.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.4	190	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	90.1	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	41	U	41	90.1	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	46.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	46.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	46.4	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	46.4	190	ug/Kg
1912-24-9	Atrazine	31	U	31	90.1	360	ug/Kg
87-86-5	Pentachlorophenol	96	U	96	90.1	360	ug/Kg
85-01-8	Phenanthrene	29	U	29	46.4	190	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	46.4	190	ug/Kg
120-12-7	Anthracene	27	U	27	46.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	46.4	190	ug/Kg
86-74-8	Carbazole	37	U	37	90.1	360	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	46.4	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	90.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N1	SDG No.:	BG120924
Lab Sample ID:	P5066-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063625.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	46.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	46.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	90.1	360	ug/Kg
56-55-3	Benzo(a)anthracene	25	U	25	46.4	190	ug/Kg
218-01-9	Chrysene	26	U	26	46.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	J	27	46.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	90.1	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	46.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	46.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	46.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	46.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	46.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	46.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	46.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.618		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	23.504		20-120		59	SPK: -40
4165-62-2	Phenol-d5	40.338		10-130		101	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	39.429		10-150		99	SPK: -40
93951-73-6	2-Chlorophenol-d4	41.997		15-120		105	SPK: -40
190780-66-6	4-Methylphenol-d8	45.608		10-140		114	SPK: -40
4165-60-0	Nitrobenzene-d5	44.28		10-135		111	SPK: -40
93951-78-1	2-Nitrophenol-d4	46.637		10-120		117	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	40.493		10-140		101	SPK: -40
191656-33-4	4-Chloroaniline-d4	36.786		1-145		92	SPK: -40
85448-30-2	Dimethylphthalate-d6	45.36		10-145		113	SPK: -40
93951-97-4	Acenaphthylene-d8	47.058		15-120		118	SPK: -40
93951-79-2	4-Nitrophenol-d4	46.136		10-150		115	SPK: -40
81103-79-9	Fluorene-d10	41.523		20-140		104	SPK: -40

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N1	SDG No.:	BG120924
Lab Sample ID:	P5066-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063625.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.067		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	45.349		10-150		113	SPK: -40
1718-52-1	Pyrene-d10	46.81		10-130		117	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	44.885		10-140		112	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	145807	7.823				
1146-65-2	Naphthalene-d8	664274	10.614				
15067-26-2	Acenaphthene-d10	534433	14.462				
1517-22-2	Phenanthrene-d10	1240913	17.218				
1719-03-5	Chrysene-d12	1071157	21.472				
1520-96-3	Perylene-d12	1191055	24.504				
TENTATIVE IDENTIFIED COMPOUNDS							
1000382-90-9	Carbonic acid, prop-1-en-2-yl tetr	350	J			9.051	
	(DEL) Alkane: Straight-Chain12.036	300	J			12.036	
	(DEL) Alkane: Straight-Chain13.287	300	J			13.287	
	(DEL) Alkane: Straight-Chain13.945	110	J			13.945	
	(DEL) Alkane: Straight-Chain15.320	200	J			15.32	
	(DEL) Alkane: Straight-Chain15.726	160	J			15.726	
000119-61-9	Benzophenone	360	J			15.826	
	(DEL) Alkane: Straight-Chain16.977	130	J			16.977	
	(DEL) Alkane: Straight-Chain17.712	160	J			17.712	
000057-10-3	n-Hexadecanoic acid	310	J			18.123	
	(DEL) Alkane: Straight-Chain18.411	140	J			18.411	
	(DEL) Alkane: Straight-Chain19.045	110	J			19.045	
	(DEL) Alkane: Straight-Chain20.156	90	J			20.156	
	(DEL) Alkane: Straight-Chain20.655	99	J			20.655	
	(DEL) Alkane: Straight-Chain21.131	430	J			21.131	
E966796	Total Alkanes	2200				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N5	SDG No.:	BG120924
Lab Sample ID:	P5066-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.6
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
BG063626.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	35	U	35	8.6	87	ug/Kg
100-52-7	Benzaldehyde	76	U	76	110	430	ug/Kg
110-86-1	Pyridine	100	U	100	220	430	ug/Kg
108-95-2	Phenol	77	J	39	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	110	430	ug/Kg
95-57-8	2-Chlorophenol	37	U	37	55.4	220	ug/Kg
95-48-7	2-Methylphenol	40	U	40	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	52	U	52	110	430	ug/Kg
98-86-2	Acetophenone	86	U	86	110	430	ug/Kg
106-44-5	4-Methylphenol	69	U	69	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	55.4	220	ug/Kg
67-72-1	Hexachloroethane	80	U	80	55.4	220	ug/Kg
98-95-3	Nitrobenzene	83	U	83	55.4	220	ug/Kg
78-59-1	Isophorone	86	U	86	55.4	220	ug/Kg
88-75-5	2-Nitrophenol	78	U	78	55.4	220	ug/Kg
105-67-9	2,4-Dimethylphenol	42	U	42	55.4	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	59	U	59	55.4	220	ug/Kg
120-83-2	2,4-Dichlorophenol	50	U	50	55.4	220	ug/Kg
91-20-3	Naphthalene	31	U	31	55.4	220	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	55.4	430	ug/Kg
87-68-3	Hexachlorobutadiene	46	U	46	55.4	220	ug/Kg
105-60-2	Caprolactam	83	U	83	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	55.4	220	ug/Kg
90-12-0	1-Methylnaphthalene	31	U	31	55.4	220	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	55.4	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	31	U	31	55.4	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	55.4	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N5	SDG No.:	BG120924
Lab Sample ID:	P5066-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063626.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	55.4	220	ug/Kg
91-58-7	2-Chloronaphthalene	43	U	43	55.4	220	ug/Kg
88-74-4	2-Nitroaniline	59	U	59	55.4	220	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	55.4	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	55.4	220	ug/Kg
208-96-8	Acenaphthylene	38	U	38	55.4	220	ug/Kg
99-09-2	3-Nitroaniline	86	U	86	110	430	ug/Kg
83-32-9	Acenaphthene	34	U	34	55.4	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	430	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	430	ug/Kg
132-64-9	Dibenzofuran	35	U	35	55.4	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	46	U	46	55.4	220	ug/Kg
84-66-2	Diethylphthalate	43	U	43	55.4	220	ug/Kg
86-73-7	Fluorene	35	U	35	55.4	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	55.4	220	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	50	U	50	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	31	U	31	55.4	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	44	55.4	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	55.4	220	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	55.4	220	ug/Kg
1912-24-9	Atrazine	37	U	37	110	430	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	110	430	ug/Kg
85-01-8	Phenanthrene	35	U	35	55.4	220	ug/Kg
608-93-5	Pentachlorobenzene	48	U	48	55.4	220	ug/Kg
120-12-7	Anthracene	33	U	33	55.4	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	55.4	220	ug/Kg
86-74-8	Carbazole	44	U	44	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	35	U	35	55.4	220	ug/Kg
206-44-0	Fluoranthene	25	U	25	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N5	SDG No.:	BG120924
Lab Sample ID:	P5066-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063626.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	23	U	23	55.4	220	ug/Kg
85-68-7	Butylbenzylphthalate	29	U	29	55.4	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68	U	68	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	30	U	30	55.4	220	ug/Kg
218-01-9	Chrysene	31	U	31	55.4	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	33	U	33	55.4	220	ug/Kg
117-84-0	Di-n-octyl phthalate	63	U	63	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	55.4	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	50	U	50	55.4	220	ug/Kg
50-32-8	Benzo(a)pyrene	40	U	40	55.4	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	55.4	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	55.4	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	55.4	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	55.4	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.693		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	19.816		20-120		50	SPK: -40
4165-62-2	Phenol-d5	26.776		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.407		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.028		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	27.03		10-140		68	SPK: -40
4165-60-0	Nitrobenzene-d5	27.793		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.383		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.046		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.29		1-145		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.379		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	28.068		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.489		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	22.804		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N5	SDG No.:	BG120924
Lab Sample ID:	P5066-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063626.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165440

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.803		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	24.195		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	23.708		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.054		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	155942	7.82				
1146-65-2	Naphthalene-d8	742286	10.611				
15067-26-2	Acenaphthene-d10	589206	14.46				
1517-22-2	Phenanthrene-d10	1371036	17.215				
1719-03-5	Chrysene-d12	1142248	21.469				
1520-96-3	Perylene-d12	1232542	24.501				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	220	J			15.823	
000057-10-3	n-Hexadecanoic acid	130	J			18.12	
000506-51-4	n-Tetracosanol-1	250	J			21.128	
E966796	Total Alkanes	34	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG120924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : E28M0ME								
P5066-01ME	E28M0ME	Solid	(DEL) Alkane: Straight-Chain12.0 *	12,000.000	J			
P5066-01ME	E28M0ME	Solid	(DEL) Alkane: Straight-Chain14.0 *	11,000.000	J			
P5066-01ME	E28M0ME	Solid	(DEL) Alkane: Straight-Chain16.1 *	10,000.000	J			
P5066-01ME	E28M0ME	Solid	(DEL) Alkane: Straight-Chain16.5 *	6,200.000	J			
P5066-01ME	E28M0ME	Solid	(DEL) Alkane: Straight-Chain17.7 *	10,000.000	J			
P5066-01ME	E28M0ME	Solid	(DEL) Alkane: Straight-Chain18.4 *	13,000.000	J			
P5066-01ME	E28M0ME	Solid	Naphthalene, 1,6,7-trimethyl- *	2,400.000	J			
P5066-01ME	E28M0ME	Solid	Naphthalene, 1-(1-methylethyl)- *	2,900.000	J			
P5066-01ME	E28M0ME	Solid	Naphthalene, 2,3,6-trimethyl- *	4,200.000	J			
P5066-01ME	E28M0ME	Solid	Naphthalene, 2,3-dimethyl- *	2,700.000	J			
P5066-01ME	E28M0ME	Solid	Tetradecane, 1-iodo- *	7,800.000	J			
P5066-01ME	E28M0ME	Solid	Tridecane, 1-iodo- *	7,400.000	J			
P5066-01ME	E28M0ME	Solid	Total Alkanes *	62,000.000		930	5100	ug/Kg
Total Tics :				151,600.00				
P5066-01ME	E28M0ME	Solid	1-Methylnaphthalene	1,500.000	J	630	5100	ug/Kg
P5066-01ME	E28M0ME	Solid	2-Methylnaphthalene	1,500.000	J	780	5100	ug/Kg
P5066-01ME	E28M0ME	Solid	Fluoranthene	2,600.000	J	610	5100	ug/Kg
P5066-01ME	E28M0ME	Solid	Phenanthrene	6,400.000		710	5100	ug/Kg
P5066-01ME	E28M0ME	Solid	Pyrene	2,800.000	J	630	5100	ug/Kg
Total Svoc :				14,800.00				
Total Concentration:				166,400.00				
Client ID : E28M1								
P5066-02	E28M1	Solid	(DEL) Alkane: Cyclic6.107 *	400.000	J			
P5066-02	E28M1	Solid	(DEL) Alkane: Cyclic8.117 *	670.000	J			
P5066-02	E28M1	Solid	(DEL) Alkane: Straight-Chain12.8 *	120.000	J			
P5066-02	E28M1	Solid	(DEL) Alkane: Straight-Chain12.9 *	110.000	J			
P5066-02	E28M1	Solid	(DEL) Alkane: Straight-Chain14.0 *	780.000	J			
P5066-02	E28M1	Solid	(DEL) Alkane: Straight-Chain15.0 *	360.000	J			
P5066-02	E28M1	Solid	(DEL) Alkane: Straight-Chain16.5 *	980.000	J			
P5066-02	E28M1	Solid	(DEL) Alkane: Straight-Chain18.4 *	1,400.000	J			
P5066-02	E28M1	Solid	(DEL) Alkane: Straight-Chain20.0 *	400.000	J			
P5066-02	E28M1	Solid	(DEL) Alkane: Straight-Chain5.8 *	550.000	J			
P5066-02	E28M1	Solid	1,4,5,8-Tetramethylnaphthalene *	3,300.000	J			
P5066-02	E28M1	Solid	1,6-Dimethyl- 3-ethylnaphthalene *	1,500.000	J			
P5066-02	E28M1	Solid	1H-Cyclopropa[1]phenanthrene,1a *	2,500.000	J			
P5066-02	E28M1	Solid	5,16[1,2]:8,13[1,2]-Dibenzen *	1,000.000	J			
P5066-02	E28M1	Solid	5H-Dibenzo[a,d]cycloheptene *	1,300.000	J			

Hit Summary Sheet
SW-846

SDG No.: BG120924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5066-02	E28M1	Solid	7-Isopropenyl-1,4a-dimethyl-4,4a, *	260.000	J			
P5066-02	E28M1	Solid	9H-Fluorene, 2,3-dimethyl-	2,300.000	J			
P5066-02	E28M1	Solid	9H-Fluorene, 2-methyl-	1,500.000	J			
P5066-02	E28M1	Solid	Anthracene, 1-methyl-	2,600.000	J			
P5066-02	E28M1	Solid	Chamazulene	1,500.000	J			
P5066-02	E28M1	Solid	di-p-Tolylacetylene	1,700.000	J			
P5066-02	E28M1	Solid	Naphthalene, 1,3-dimethyl-	340.000	J			
P5066-02	E28M1	Solid	Naphthalene, 1,4,6-trimethyl-	420.000	J			
P5066-02	E28M1	Solid	Naphthalene, 1,6,7-trimethyl-	380.000	J			
P5066-02	E28M1	Solid	Naphthalene, 1-methyl-7-(1-methyl-	770.000	J			
P5066-02	E28M1	Solid	Naphthalene, 2,3,6-trimethyl-	310.000	J			
P5066-02	E28M1	Solid	Naphthalene, 2,3-dimethyl-	170.000	J			
P5066-02	E28M1	Solid	Naphthalene, decahydro-2-methyl	81.000	J			
P5066-02	E28M1	Solid	o-Cymene	140.000	J			
P5066-02	E28M1	Solid	Phenanthrene, 1,7-dimethyl-	1,200.000	J			
P5066-02	E28M1	Solid	Phenanthrene, 1-methyl-	4,200.000	J			
P5066-02	E28M1	Solid	Phenanthrene, 2,3-dimethyl-	1,100.000	J			
P5066-02	E28M1	Solid	Phenanthrene, 2-methyl-	3,400.000	J			
P5066-02	E28M1	Solid	Phenanthrene, 3,6-dimethyl-	1,200.000	J			
P5066-02	E28M1	Solid	Sulfurous acid, pentadecyl 2-propyl	780.000	J			
P5066-02	E28M1	Solid	Total Alkanes	5,800.000		30	200	ug/Kg
Total Tics :				45,521.00				
P5066-02	E28M1	Solid	1,1-Biphenyl	330.000		30	200	ug/Kg
P5066-02	E28M1	Solid	1-Methylnaphthalene	3,200.000	E	28	200	ug/Kg
P5066-02	E28M1	Solid	2-Methylnaphthalene	4,800.000	E	37	200	ug/Kg
P5066-02	E28M1	Solid	Acenaphthene	580.000		30	200	ug/Kg
P5066-02	E28M1	Solid	Anthracene	2,300.000		29	200	ug/Kg
P5066-02	E28M1	Solid	Benzo(a)anthracene	400.000		27	200	ug/Kg
P5066-02	E28M1	Solid	Chrysene	300.000		28	200	ug/Kg
P5066-02	E28M1	Solid	Fluoranthene	2,000.000		22	200	ug/Kg
P5066-02	E28M1	Solid	Fluorene	1,600.000		31	200	ug/Kg
P5066-02	E28M1	Solid	Naphthalene	1,600.000		28	200	ug/Kg
P5066-02	E28M1	Solid	Phenanthrene	6,900.000	E	31	200	ug/Kg
P5066-02	E28M1	Solid	Pyrene	2,200.000		21	200	ug/Kg
Total Svoc :				26,210.00				
Total Concentration:				71,731.00				
Client ID :	E28M1DL							
P5066-02DL	E28M1DL	Solid	(DEL) Alkane: Cyclic11.319	*	840.000	JD		
P5066-02DL	E28M1DL	Solid	(DEL) Alkane: Cyclic8.111	*	2,900.000	JD		
P5066-02DL	E28M1DL	Solid	(DEL) Alkane: Cyclic9.745	*	410.000	JD		

Hit Summary Sheet SW-846

SDG No.: BG120924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5066-02DL	E28M1DL	Solid	(DEL) Alkane: Straight-Chain11.5 *	590.000	JD			
P5066-02DL	E28M1DL	Solid	(DEL) Alkane: Straight-Chain12.0 *	3,600.000	JD			
P5066-02DL	E28M1DL	Solid	(DEL) Alkane: Straight-Chain12.8 *	1,500.000	JD			
P5066-02DL	E28M1DL	Solid	(DEL) Alkane: Straight-Chain13.0 *	4,000.000	JD			
P5066-02DL	E28M1DL	Solid	(DEL) Alkane: Straight-Chain13.5 *	1,300.000	JD			
P5066-02DL	E28M1DL	Solid	(DEL) Alkane: Straight-Chain14.5 *	9,300.000	JD			
P5066-02DL	E28M1DL	Solid	(DEL) Alkane: Straight-Chain17.7 *	2,000.000	JD			
P5066-02DL	E28M1DL	Solid	(DEL) Alkane: Straight-Chain19.0 *	1,700.000	JD			
P5066-02DL	E28M1DL	Solid	(DEL) Alkane: Straight-Chain21.5 *	3,900.000	JD			
P5066-02DL	E28M1DL	Solid	(DEL) Alkane: Straight-Chain5.8 *	2,400.000	JD			
P5066-02DL	E28M1DL	Solid	(DEL) Alkane: Straight-Chain9.0 *	9,000.000	JD			
P5066-02DL	E28M1DL	Solid	1,6-Dimethyl- 3-ethylnaphthalene *	2,400.000	JD			
P5066-02DL	E28M1DL	Solid	2,2-Dimethylbiphenyl *	2,600.000	JD			
P5066-02DL	E28M1DL	Solid	3,4-Dimethylphenanthrene *	2,600.000	JD			
P5066-02DL	E28M1DL	Solid	9H-Fluorene, 1-methyl- *	4,800.000	JD			
P5066-02DL	E28M1DL	Solid	9H-Fluorene, 2-methyl- *	2,800.000	JD			
P5066-02DL	E28M1DL	Solid	Anthracene, 1-methyl- *	4,900.000	JD			
P5066-02DL	E28M1DL	Solid	Anthracene, 2-methyl- *	7,900.000	JD			
P5066-02DL	E28M1DL	Solid	Benzene, 1,1-(2-cyclopropen-1-yl) *	2,300.000	JD			
P5066-02DL	E28M1DL	Solid	Benzene, 1-ethyl-2,3-dimethyl- *	1,900.000	JD			
P5066-02DL	E28M1DL	Solid	Carbonic acid, prop-1-en-2-yl trid *	8,500.000	JD			
P5066-02DL	E28M1DL	Solid	Decane, 2,6,7-trimethyl- *	1,400.000	JD			
P5066-02DL	E28M1DL	Solid	di-p-Tolylacetylene *	2,800.000	JD			
P5066-02DL	E28M1DL	Solid	Methane, di-p-tolyl- *	2,100.000	JD			
P5066-02DL	E28M1DL	Solid	Naphthalene, 1,2,3,4-tetramethyl- *	5,400.000	JD			
P5066-02DL	E28M1DL	Solid	Naphthalene, 1,3-dimethyl- *	2,100.000	JD			
P5066-02DL	E28M1DL	Solid	Naphthalene, 1,4,6-trimethyl- *	2,900.000	JD			
P5066-02DL	E28M1DL	Solid	Naphthalene, 1,6,7-trimethyl- *	4,200.000	JD			
P5066-02DL	E28M1DL	Solid	Naphthalene, 1,7-dimethyl- *	1,700.000	JD			
P5066-02DL	E28M1DL	Solid	Naphthalene, 1-methyl-7-(1-methyl) *	1,400.000	JD			
P5066-02DL	E28M1DL	Solid	Naphthalene, 2,3,6-trimethyl- *	4,500.000	JD			
P5066-02DL	E28M1DL	Solid	Naphthalene, 2,3-dimethyl- *	4,300.000	JD			
P5066-02DL	E28M1DL	Solid	Naphthalene, 2-phenyl- *	1,800.000	JD			
P5066-02DL	E28M1DL	Solid	p-Cymene *	590.000	JD			
P5066-02DL	E28M1DL	Solid	Phenanthrene, 1-methyl- *	6,300.000	JD			
P5066-02DL	E28M1DL	Solid	Phenanthrene, 2,3-dimethyl- *	2,600.000	JD			
P5066-02DL	E28M1DL	Solid	Phenanthrene, 2,5-dimethyl- *	1,900.000	JD			
P5066-02DL	E28M1DL	Solid	Phenanthrene, 2-methyl- *	4,300.000	JD			
P5066-02DL	E28M1DL	Solid	Phenanthrene, 3,6-dimethyl- *	1,300.000	JD			
P5066-02DL	E28M1DL	Solid	Total Alkanes *	43,000.000	D	150	990	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG120924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Tics :	178,730.00				
P5066-02DL	E28M1DL	Solid	1,1-Biphenyl	410.000	JD	150	990	ug/Kg
P5066-02DL	E28M1DL	Solid	1-Methylnaphthalene	4,000.000	D	140	990	ug/Kg
P5066-02DL	E28M1DL	Solid	2-Methylnaphthalene	5,900.000	D	190	990	ug/Kg
P5066-02DL	E28M1DL	Solid	Acenaphthene	730.000	JD	150	990	ug/Kg
P5066-02DL	E28M1DL	Solid	Anthracene	3,000.000	D	150	990	ug/Kg
P5066-02DL	E28M1DL	Solid	Benzo(a)anthracene	500.000	JD	130	990	ug/Kg
P5066-02DL	E28M1DL	Solid	Chrysene	350.000	JD	140	990	ug/Kg
P5066-02DL	E28M1DL	Solid	Fluoranthene	3,100.000	D	110	990	ug/Kg
P5066-02DL	E28M1DL	Solid	Fluorene	2,100.000	D	160	990	ug/Kg
P5066-02DL	E28M1DL	Solid	Naphthalene	1,900.000	D	140	990	ug/Kg
P5066-02DL	E28M1DL	Solid	Phenanthrene	11,000.000	D	160	990	ug/Kg
P5066-02DL	E28M1DL	Solid	Pyrene	3,400.000	D	100	990	ug/Kg
			Total Svoc :	36,390.00				
			Total Concentration:	215,120.00				

Client ID : E28M2

P5066-03	E28M2	Solid	(DEL) Alkane: Cyclic6.108	*	300.000	J		
P5066-03	E28M2	Solid	(DEL) Alkane: Cyclic8.111	*	480.000	J		
P5066-03	E28M2	Solid	(DEL) Alkane: Straight-Chain11.6	*	280.000	J		
P5066-03	E28M2	Solid	(DEL) Alkane: Straight-Chain12.8	*	180.000	J		
P5066-03	E28M2	Solid	(DEL) Alkane: Straight-Chain13.6	*	540.000	J		
P5066-03	E28M2	Solid	(DEL) Alkane: Straight-Chain14.3	*	1,200.000	J		
P5066-03	E28M2	Solid	(DEL) Alkane: Straight-Chain15.3	*	570.000	J		
P5066-03	E28M2	Solid	(DEL) Alkane: Straight-Chain17.6	*	320.000	J		
P5066-03	E28M2	Solid	(DEL) Alkane: Straight-Chain17.7	*	420.000	J		
P5066-03	E28M2	Solid	(DEL) Alkane: Straight-Chain19.6	*	290.000	J		
P5066-03	E28M2	Solid	(DEL) Alkane: Straight-Chain19.8	*	410.000	J		
P5066-03	E28M2	Solid	(DEL) Alkane: Straight-Chain5.84	*	420.000	J		
P5066-03	E28M2	Solid	(DEL) Alkane: Straight-Chain8.48	*	300.000	J		
P5066-03	E28M2	Solid	1H-Cyclopropa[1]phenanthrene,1a	*	580.000	J		
P5066-03	E28M2	Solid	9H-Fluorene, 1-methyl-	*	630.000	J		
P5066-03	E28M2	Solid	9H-Fluorene, 2,3-dimethyl-	*	450.000	J		
P5066-03	E28M2	Solid	9H-Fluorene, 2-methyl-	*	350.000	J		
P5066-03	E28M2	Solid	Chamazulene	*	300.000	J		
P5066-03	E28M2	Solid	Naphthalene, 1,2,3,4-tetramethyl-	*	660.000	J		
P5066-03	E28M2	Solid	Naphthalene, 1,4,6-trimethyl-	*	550.000	J		
P5066-03	E28M2	Solid	Naphthalene, 1,6,7-trimethyl-	*	530.000	J		
P5066-03	E28M2	Solid	Naphthalene, 2,3,6-trimethyl-	*	330.000	J		
P5066-03	E28M2	Solid	Naphthalene, 2,3-dimethyl-	*	480.000	J		
P5066-03	E28M2	Solid	Naphthalene, 2,6-dimethyl-	*	220.000	J		

Hit Summary Sheet SW-846

SDG No.: BG120924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5066-03	E28M2	Solid	Naphthalene, 2-phenyl-	*	210.000	J		
P5066-03	E28M2	Solid	o-Hydroxybiphenyl	*	220.000	J		
P5066-03	E28M2	Solid	p-Cymene	*	180.000	J		
P5066-03	E28M2	Solid	Phenanthrene, 1-methyl-	*	1,000.000	J		
P5066-03	E28M2	Solid	Phenanthrene, 2-methyl-	*	720.000	J		
P5066-03	E28M2	Solid	Phenanthrene, 3,6-dimethyl-	*	200.000	J		
P5066-03	E28M2	Solid	Sulfurous acid, 2-propyl tridecyl	*	790.000	J		
P5066-03	E28M2	Solid	Total Alkanes	*	5,700.000	31	200	ug/Kg
Total Tics :					19,810.00			
P5066-03	E28M2	Solid	1,1-Biphenyl		51.000	J	31	200 ug/Kg
P5066-03	E28M2	Solid	1-Methylnaphthalene		430.000		28	200 ug/Kg
P5066-03	E28M2	Solid	2-Methylnaphthalene		630.000		38	200 ug/Kg
P5066-03	E28M2	Solid	Acenaphthene		75.000	J	31	200 ug/Kg
P5066-03	E28M2	Solid	Anthracene		290.000		30	200 ug/Kg
P5066-03	E28M2	Solid	Benzo(a)anthracene		53.000	J	27	200 ug/Kg
P5066-03	E28M2	Solid	Chrysene		80.000	J	28	200 ug/Kg
P5066-03	E28M2	Solid	Fluoranthene		370.000		22	200 ug/Kg
P5066-03	E28M2	Solid	Fluorene		230.000		32	200 ug/Kg
P5066-03	E28M2	Solid	Naphthalene		220.000		28	200 ug/Kg
P5066-03	E28M2	Solid	Phenanthrene		1,100.000		32	200 ug/Kg
P5066-03	E28M2	Solid	Pyrene		430.000		21	200 ug/Kg
Total Svoc :					3,959.00			
Total Concentration:					23,769.00			
Client ID : E28M3								
P5066-04	E28M3	Solid	Benzophenone	*	210.000	J		
P5066-04	E28M3	Solid	n-Hexadecanoic acid	*	78.000	J		
P5066-04	E28M3	Solid	Total Alkanes	*	0.000		29	190 ug/Kg
Total Tics :					288.00			
P5066-04	E28M3	Solid	Phenol		41.000	J	33	370 ug/Kg
Total Svoc :					41.00			
Total Concentration:					329.00			
Client ID : E28M4								
P5066-05	E28M4	Solid	1-Hexacosanol	*	110.000	J		
P5066-05	E28M4	Solid	Benzophenone	*	180.000	J		
P5066-05	E28M4	Solid	Total Alkanes	*	0.000		28	180 ug/Kg
Total Tics :					290.00			
Total Concentration:					290.00			
Client ID : E28M5								
P5066-06	E28M5	Solid	Benzophenone	*	110.000	J		

Hit Summary Sheet SW-846

SDG No.: BG120924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5066-06	E28M5	Solid	Total Alkanes	*	0.000	27	180	ug/Kg
Total Tics :						110.00		
Total Concentration:						110.00		
Client ID : E28M6								
P5066-07	E28M6	Solid	(DEL) Alkane: Straight-Chain21.1	*	110.000	J		
P5066-07	E28M6	Solid	Benzophenone	*	130.000	J		
P5066-07	E28M6	Solid	Total Alkanes	*	110.000	29	190	ug/Kg
Total Tics :						350.00		
Total Concentration:						350.00		
Client ID : E28M7								
P5066-08	E28M7	Solid	Benzophenone	*	130.000	J		
P5066-08	E28M7	Solid	Octacosanol	*	170.000	J		
P5066-08	E28M7	Solid	Total Alkanes	*	0.000	28	190	ug/Kg
Total Tics :						300.00		
P5066-08	E28M7	Solid	Phenol		38.000	J 33	360	ug/Kg
Total Svoc :						38.00		
Total Concentration:						338.00		
Client ID : E28M8								
P5066-09	E28M8	Solid	(DEL) Alkane: Straight-Chain21.1	*	180.000	J		
P5066-09	E28M8	Solid	Benzophenone	*	150.000	J		
P5066-09	E28M8	Solid	Total Alkanes	*	180.000	30	190	ug/Kg
Total Tics :						510.00		
P5066-09	E28M8	Solid	Phenol		40.000	J 34	380	ug/Kg
Total Svoc :						40.00		
Total Concentration:						550.00		
Client ID : E28N0								
P5066-12	E28N0	Solid	1-Heptacosanol	*	230.000	J		
P5066-12	E28N0	Solid	Benzophenone	*	230.000	J		
P5066-12	E28N0	Solid	n-Hexadecanoic acid	*	170.000	J		
P5066-12	E28N0	Solid	Phenol, p-tert-butyl-	*	170.000	J		
P5066-12	E28N0	Solid	Total Alkanes	*	0.000	30	190	ug/Kg
Total Tics :						800.00		
P5066-12	E28N0	Solid	Phenol		72.000	J 34	380	ug/Kg
Total Svoc :						72.00		
Total Concentration:						872.00		
Client ID : E28N1								
P5066-13	E28N1	Solid	(DEL) Alkane: Straight-Chain12.0	*	300.000	J		
P5066-13	E28N1	Solid	(DEL) Alkane: Straight-Chain13.2	*	300.000	J		
P5066-13	E28N1	Solid	(DEL) Alkane: Straight-Chain13.5	*	110.000	J		

Hit Summary Sheet SW-846

SDG No.: BG120924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5066-13	E28N1	Solid	(DEL) Alkane: Straight-Chain15.3 *	200.000	J			
P5066-13	E28N1	Solid	(DEL) Alkane: Straight-Chain15.7 *	160.000	J			
P5066-13	E28N1	Solid	(DEL) Alkane: Straight-Chain16.9 *	130.000	J			
P5066-13	E28N1	Solid	(DEL) Alkane: Straight-Chain17.7 *	160.000	J			
P5066-13	E28N1	Solid	(DEL) Alkane: Straight-Chain18.4 *	140.000	J			
P5066-13	E28N1	Solid	(DEL) Alkane: Straight-Chain19.0 *	110.000	J			
P5066-13	E28N1	Solid	(DEL) Alkane: Straight-Chain20.1 *	90.000	J			
P5066-13	E28N1	Solid	(DEL) Alkane: Straight-Chain20.6 *	99.000	J			
P5066-13	E28N1	Solid	(DEL) Alkane: Straight-Chain21.1 *	430.000	J			
P5066-13	E28N1	Solid	Benzophenone	*	360.000	J		
P5066-13	E28N1	Solid	Carbonic acid, prop-1-en-2-yl tetr	*	350.000	J		
P5066-13	E28N1	Solid	n-Hexadecanoic acid	*	310.000	J		
P5066-13	E28N1	Solid	Total Alkanes	*	2,200.000	28	190	ug/Kg
Total Tics :				5,449.00				
P5066-13	E28N1	Solid	Bis(2-ethylhexyl)phthalate	120.000	J	27	190	ug/Kg
P5066-13	E28N1	Solid	Phenol	92.000	J	33	360	ug/Kg
Total Svoc :				212.00				
Total Concentration:				5,661.00				

Client ID : E28N3

P5066-15	E28N3	Solid	(DEL) Alkane: Cyclic11.316 *	190.000	J			
P5066-15	E28N3	Solid	(DEL) Alkane: Cyclic11.904 *	130.000	J			
P5066-15	E28N3	Solid	(DEL) Alkane: Cyclic12.738 *	610.000	J			
P5066-15	E28N3	Solid	(DEL) Alkane: Cyclic17.580 *	150.000	J			
P5066-15	E28N3	Solid	(DEL) Alkane: Straight-Chain11.5 *	220.000	J			
P5066-15	E28N3	Solid	(DEL) Alkane: Straight-Chain11.6 *	770.000	J			
P5066-15	E28N3	Solid	(DEL) Alkane: Straight-Chain12.0 *	1,600.000	J			
P5066-15	E28N3	Solid	(DEL) Alkane: Straight-Chain12.7 *	220.000	J			
P5066-15	E28N3	Solid	(DEL) Alkane: Straight-Chain12.8 *	610.000	J			
P5066-15	E28N3	Solid	(DEL) Alkane: Straight-Chain13.0 *	2,100.000	J			
P5066-15	E28N3	Solid	(DEL) Alkane: Straight-Chain13.2 *	5,500.000	J			
P5066-15	E28N3	Solid	(DEL) Alkane: Straight-Chain13.9 *	3,300.000	J			
P5066-15	E28N3	Solid	(DEL) Alkane: Straight-Chain14.2 *	240.000	J			
P5066-15	E28N3	Solid	(DEL) Alkane: Straight-Chain14.3 *	6,500.000	J			
P5066-15	E28N3	Solid	(DEL) Alkane: Straight-Chain15.3 *	5,200.000	J			
P5066-15	E28N3	Solid	(DEL) Alkane: Straight-Chain15.7 *	3,700.000	J			
P5066-15	E28N3	Solid	(DEL) Alkane: Straight-Chain15.8 *	610.000	J			
P5066-15	E28N3	Solid	(DEL) Alkane: Straight-Chain16.4 *	400.000	J			
P5066-15	E28N3	Solid	(DEL) Alkane: Straight-Chain16.6 *	300.000	J			
P5066-15	E28N3	Solid	(DEL) Alkane: Straight-Chain16.9 *	2,500.000	J			
P5066-15	E28N3	Solid	(DEL) Alkane: Straight-Chain17.0 *	3,800.000	J			

Hit Summary Sheet SW-846

SDG No.: BG120924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5066-15	E28N3	Solid	(DEL) Alkane: Straight-Chain17.5 *	300.000	J			
P5066-15	E28N3	Solid	(DEL) Alkane: Straight-Chain17.6 *	580.000	J			
P5066-15	E28N3	Solid	(DEL) Alkane: Straight-Chain17.7 *	1,900.000	J			
P5066-15	E28N3	Solid	(DEL) Alkane: Straight-Chain18.1 *	120.000	J			
P5066-15	E28N3	Solid	(DEL) Alkane: Straight-Chain18.4 *	1,100.000	J			
P5066-15	E28N3	Solid	(DEL) Alkane: Straight-Chain18.8 *	150.000	J			
P5066-15	E28N3	Solid	1-Iodo-2-methylundecane *	930.000	J			
P5066-15	E28N3	Solid	Octadecane, 1-chloro- *	130.000	J			
P5066-15	E28N3	Solid	Tetracosane, 1-bromo- *	190.000	J			
P5066-15	E28N3	Solid	Tetradecane, 1-iodo- *	3,500.000	J			
P5066-15	E28N3	Solid	Total Alkanes *	43,000.000		29	190	ug/Kg
Total Tics :				90,550.00				
P5066-15	E28N3	Solid	Bis(2-ethylhexyl)phthalate	440.000		28	190	ug/Kg
P5066-15	E28N3	Solid	Phenol	40.000	J	33	370	ug/Kg
Total Svoc :				480.00				
Total Concentration:				91,030.00				
Client ID : E28N4								
P5066-16	E28N4	Solid	Benzophenone *	230.000	J			
P5066-16	E28N4	Solid	n-Tetracosanol-1 *	220.000	J			
P5066-16	E28N4	Solid	Total Alkanes *	0.000		50	330	ug/Kg
Total Tics :				450.00				
P5066-16	E28N4	Solid	Phenol	66.000	J	58	640	ug/Kg
Total Svoc :				66.00				
Total Concentration:				516.00				
Client ID : E28N5								
P5066-17	E28N5	Solid	Benzophenone *	220.000	J			
P5066-17	E28N5	Solid	n-Hexadecanoic acid *	130.000	J			
P5066-17	E28N5	Solid	n-Tetracosanol-1 *	250.000	J			
P5066-17	E28N5	Solid	Total Alkanes *	0.000		34	220	ug/Kg
Total Tics :				600.00				
P5066-17	E28N5	Solid	Phenol	77.000	J	39	430	ug/Kg
Total Svoc :				77.00				
Total Concentration:				677.00				
Client ID : E28N6								
P5066-18	E28N6	Solid	1-Heptacosanol *	170.000	J			
P5066-18	E28N6	Solid	Benzophenone *	140.000	J			
P5066-18	E28N6	Solid	Total Alkanes *	0.000		32	210	ug/Kg
Total Tics :				310.00				
Total Concentration:				310.00				

Hit Summary Sheet SW-846

SDG No.: BG120924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : E28N7								
P5066-19	E28N7	Solid	(DEL) Alkane: Straight-Chain12.0 *	130.000	J			
P5066-19	E28N7	Solid	(DEL) Alkane: Straight-Chain21.1 *	230.000	J			
P5066-19	E28N7	Solid	1-Iodoundecane *	90.000	J			
P5066-19	E28N7	Solid	Benzophenone *	220.000	J			
P5066-19	E28N7	Solid	n-Hexadecanoic acid *	120.000	J			
P5066-19	E28N7	Solid	Total Alkanes *	360.000		29	190	ug/Kg
			Total Tics :	1,150.00				
P5066-19	E28N7	Solid	Phenol	60.000	J	33	360	ug/Kg
			Total Svoc :	60.00				
			Total Concentration:	1,210.00				
Client ID : E28N8								
P5066-20	E28N8	Solid	(DEL) Alkane: Straight-Chain13.2 *	140.000	J			
P5066-20	E28N8	Solid	(DEL) Alkane: Straight-Chain14.3 *	300.000	J			
P5066-20	E28N8	Solid	(DEL) Alkane: Straight-Chain14.5 *	130.000	J			
P5066-20	E28N8	Solid	(DEL) Alkane: Straight-Chain15.7 *	330.000	J			
P5066-20	E28N8	Solid	(DEL) Alkane: Straight-Chain16.1 *	810.000	J			
P5066-20	E28N8	Solid	(DEL) Alkane: Straight-Chain16.5 *	510.000	J			
P5066-20	E28N8	Solid	(DEL) Alkane: Straight-Chain17.6 *	180.000	J			
P5066-20	E28N8	Solid	(DEL) Alkane: Straight-Chain17.7 *	580.000	J			
P5066-20	E28N8	Solid	(DEL) Alkane: Straight-Chain18.4 *	380.000	J			
P5066-20	E28N8	Solid	(DEL) Alkane: Straight-Chain19.0 *	350.000	J			
P5066-20	E28N8	Solid	Benzophenone *	250.000	J			
P5066-20	E28N8	Solid	Carbonic acid, eicosyl vinyl ester *	820.000	J			
P5066-20	E28N8	Solid	Total Alkanes *	3,700.000		33	220	ug/Kg
			Total Tics :	8,480.00				
P5066-20	E28N8	Solid	Phenol	130.000	J	38	420	ug/Kg
			Total Svoc :	130.00				
			Total Concentration:	8,610.00				

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM

Case No.: BG120624

SAS No.: BG120624

SDG No.: BG120624

Instrument ID:

Calibration Date(s): 12/6/2024

Calibration Time(s): 10:09

LAB FILE ID:		RRFAL1 = BG063589.D			RRFAL2 = BG063590.D		RRFAL3 = BG063591.D	
		RRFAL4 = BG063592.D			RRFAL5 = BG063593.D		RRFAL6 = BG063594.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.582	0.713	0.652	0.552	0.517		0.603	13.1
Benzaldehyde		1.626	1.549	1.282	1.015	0.829	1.260	27.0
Pyridine		1.906	1.748	1.669	1.680	1.699	1.740	5.6
Hexachloroethane	0.598	0.735	0.642	0.592	0.569		0.627	10.5
Nitrobenzene	0.521	0.630	0.571	0.560	0.558		0.568	6.9
Isophorone	0.957	1.161	1.022	0.995	0.985		1.024	7.8
2-Nitrophenol	0.132	0.176	0.166	0.159	0.167		0.160	10.5
2,4-Dimethylphenol	0.412	0.499	0.428	0.425	0.417		0.436	8.2
Bis(2-Chloroethoxy)methane	0.419	0.551	0.479	0.486	0.458		0.478	10.0
2,4-Dichlorophenol	0.314	0.363	0.362	0.350	0.345		0.347	5.7
Naphthalene	1.021	1.145	1.047	0.989	0.946		1.030	7.2
4-Chloroaniline		0.422	0.394	0.400	0.393	0.371	0.396	4.7
Hexachlorobutadiene	0.319	0.419	0.371	0.348	0.332		0.358	11.0
Phenol		2.250	2.050	2.076	2.079	2.129	2.117	3.8
Caprolactam		0.125	0.117	0.113	0.108	0.104	0.114	7.1
4-Chloro-3-methylphenol	0.376	0.490	0.456	0.426	0.414		0.433	10.0
1-Methylnaphthalene	0.799	0.874	0.834	0.781	0.736		0.805	6.5
2-Methylnaphthalene	0.769	0.898	0.810	0.775	0.717		0.794	8.4
Hexachlorocyclopentadiene		0.252	0.308	0.317	0.362	0.385	0.325	15.9
2,4,6-Trichlorophenol	0.320	0.391	0.404	0.390	0.411		0.383	9.5
2,4,5-Trichlorophenol	0.364	0.424	0.415	0.429	0.436		0.414	7.0
1,1-Biphenyl	1.351	1.373	1.407	1.268	1.238		1.328	5.4
2-Chloronaphthalene	1.061	1.185	1.128	1.062	1.035		1.094	5.6
2-Nitroaniline	0.289	0.350	0.363	0.380	0.406		0.357	12.3
Bis(2-Chloroethyl)ether		1.621	1.393	1.401	1.437	1.461	1.462	6.4
Dimethylphthalate	1.445	1.544	1.503	1.453	1.409		1.471	3.6
2,6-Dinitrotoluene	0.253	0.283	0.279	0.272	0.270		0.271	4.3
Acenaphthylene	1.674	1.751	1.709	1.633	1.587		1.671	3.8
3-Nitroaniline		0.237	0.246	0.231	0.225	0.204	0.229	6.8
Acenaphthene	1.188	1.317	1.246	1.169	1.145		1.213	5.7
2,4-Dinitrophenol		0.083	0.094	0.136	0.173	0.183	0.134	33.7
4-Nitrophenol		0.235	0.282	0.298	0.311	0.304	0.286	10.6
Dibenzofuran	1.842	2.093	1.922	1.802	1.715		1.875	7.6
2,4-Dinitrotoluene	0.378	0.469	0.441	0.427	0.424		0.428	7.8
Diethylphthalate	1.323	1.576	1.499	1.409	1.359		1.433	7.2
2-Chlorophenol	0.994	1.349	1.187	1.174	1.165		1.174	10.7

All other compounds must meet a minimum RRF of 0.010.



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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG120624 SAS No.: BG120624 SDG No.: BG120624
Instrument ID: _____ Calibration Date(s): 12/6/2024 : _____
Calibration Time(s): 10:09 _____

LAB FILE ID:		RRFAL1 = BG063589.D		RRFAL2 = BG063590.D		RRFAL3 = BG063591.D		
		RRFAL4 = BG063592.D		RRFAL5 = BG063593.D		RRFAL6 = BG063594.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.530	1.664	1.601	1.456	1.383		1.527	7.3
4-Chlorophenyl-phenylether	0.993	1.077	1.011	0.949	0.888		0.984	7.2
4-Nitroaniline		0.264	0.273	0.242	0.232	0.219	0.246	9.1
4,6-Dinitro-2-methylphenol		0.102	0.106	0.118	0.118	0.119	0.113	7.0
N-Nitrosodiphenylamine	0.405	0.473	0.471	0.513	0.481		0.468	8.4
1,2,4,5-Tetrachlorobenzene	0.788	0.797	0.810	0.737	0.756		0.778	3.9
4-Bromophenyl-phenylether	0.234	0.244	0.233	0.236	0.235		0.236	1.9
Hexachlorobenzene	0.254	0.266	0.256	0.250	0.246		0.254	3.1
Atrazine		0.238	0.229	0.222	0.214	0.193	0.219	7.7
Pentachlorophenol		0.065	0.070	0.089	0.103	0.119	0.089	25.2
2-Methylphenol		1.622	1.395	1.425	1.463	1.480	1.477	5.9
Phenanthrene	1.005	1.090	0.991	0.946	0.893		0.985	7.4
Pentachlorobenzene	0.271	0.331	0.297	0.286	0.289		0.295	7.5
Anthracene	1.001	1.150	1.029	0.965	0.942		1.017	8.0
1,2,3,4-Tetrachlorobenzene	0.276	0.290	0.289	0.279	0.278		0.282	2.3
Carbazole		0.926	0.862	0.803	0.789	0.695	0.815	10.6
Di-n-butylphthalate	0.841	0.957	0.894	0.843	0.816		0.870	6.5
Fluoranthene	1.293	1.502	1.253	1.190	0.991		1.246	14.8
Pyrene	1.318	1.614	1.407	1.244	1.039		1.324	15.9
Butylbenzylphthalate	0.260	0.302	0.260	0.282	0.291		0.279	6.7
3,3-Dichlorobenzidine		0.397	0.376	0.350	0.307	0.282	0.342	14.0
2,2-oxybis (1-Chloropropane)		2.234	1.945	1.831	1.866	1.958	1.967	8.0
Benzo (a) anthracene	1.361	1.500	1.389	1.296	1.198		1.349	8.3
Chrysene	1.269	1.451	1.282	1.226	1.108		1.267	9.8
Bis (2-ethylhexyl) phthalate	0.376	0.460	0.428	0.424	0.409		0.419	7.3
Di-n-octyl phthalate		0.759	0.708	0.687	0.698	0.643	0.699	6.0
Benzo (b) fluoranthene	1.225	1.389	1.292	1.181	1.125		1.242	8.2
Benzo (k) fluoranthene	1.263	1.346	1.281	1.176	1.108		1.235	7.5
Benzo (a) pyrene	1.109	1.297	1.207	1.118	1.094		1.165	7.4
Indeno (1,2,3-cd) pyrene	1.320	1.636	1.418	1.296	1.357		1.406	9.7
Dibenzo (a,h) anthracene	1.079	1.263	1.155	1.052	1.088		1.127	7.5
Benzo (g,h,i) perylene	1.034	1.189	1.082	0.989	1.048		1.068	7.1
Acetophenone		3.055	2.601	2.587	2.585	2.611	2.688	7.7
2,3,4,6-Tetrachlorophenol	0.300	0.418	0.401	0.403	0.412		0.387	12.7
1,4-Dioxane-d8	0.384	0.553	0.455	0.424	0.450		0.453	13.8
Pyridine-d5		1.985	1.553	1.601	1.619	1.622	1.676	10.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG120624 SAS No.: BG120624 SDG No.: BG120624
Instrument ID: _____ Calibration Date(s): 12/6/2024 : _____
Calibration Time(s): 10:09 : _____

LAB FILE ID:		RRFAL1 = BG063589.D			RRFAL2 = BG063590.D		RRFAL3 = BG063591.D	
		RRFAL4 = BG063592.D			RRFAL5 = BG063593.D		RRFAL6 = BG063594.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		2.139	1.899	1.890	1.926	1.992	1.969	5.2
Bis-(2-Chloroethyl)ether-d8		1.493	1.296	1.278	1.268	1.323	1.331	7.0
2-Chlorophenol-d4	1.145	1.190	1.168	1.124	1.173		1.160	2.2
4-Methylphenol-d8		1.594	1.372	1.403	1.431	1.500	1.460	6.0
Nitrobenzene-d5	0.124	0.159	0.140	0.139	0.139		0.140	8.8
2-Nitrophenol-d4	0.151	0.174	0.157	0.159	0.162		0.161	5.2
2,4-Dichlorophenol-d3	0.294	0.380	0.361	0.350	0.345		0.346	9.2
4-Chloroaniline-d4		0.463	0.412	0.417	0.415	0.383	0.418	6.9
4-Methylphenol		1.773	1.542	1.563	1.587	1.645	1.622	5.7
Dimethylphthalate-d6	1.400	1.546	1.471	1.450	1.401		1.454	4.1
Acenaphthylene-d8	1.575	1.695	1.609	1.560	1.505		1.589	4.4
4-Nitrophenol-d4		0.177	0.172	0.188	0.200	0.193	0.186	6.1
Fluorene-d10	1.447	1.568	1.459	1.383	1.306		1.433	6.8
4,6-Dinitro-2-methylphenol-		0.107	0.104	0.116	0.117	0.121	0.113	6.2
Anthracene-d10	0.919	0.989	0.929	0.874	0.855		0.913	5.8
Pyrene-d10	1.117	1.287	1.181	1.035	0.923		1.109	12.5
Benzo(a)pyrene-d12	0.954	1.105	1.040	0.968	0.956		1.005	6.6
N-Nitroso-di-n-propylamine	1.458	1.716	1.463	1.491	1.529		1.531	7.0

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.: BG120924 SAS No.: BG120924 SDG NO.: BG120924

EPA Sample No.: SSTD020426 Date Analyzed: Dec 9 2024 12:00AM

Lab File ID: BG063591.D Time Analyzed: 12:12

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	61973	7.819	254867	10.61	219491	14.46
	UPPER LIMIT	123946	8.319	509734	11.11	438982	14.959
	LOWER LIMIT	30986.5	7.319	127433.5	10.11	109745.5	13.959
	EPA SAMPLE NO.						
01	SBLK440	73336	7.82	281438	10.61	231960	14.46
02	SBLK438	46324	7.82	184325	10.61	148801	14.46
03	E28M1	92013	7.83	356771	10.61	296524	14.47
04	E28MOME	94524	7.83	412292	10.62	295753	14.47
05	E28M3	123203	7.82	557406 *	10.62	466891 *	14.47
06	E28MIDL	144763 *	7.82	601522 *	10.61	448381 *	14.46
07	SBLK440	136434 *	7.82	614142 *	10.61	535551 *	14.47
08	SBLK438	94338	7.82	432583	10.61	368293	14.46
09	E28N8	167463 *	7.82	730564 *	10.62	547934 *	14.46
10	E28N8MS	164375 *	7.82	716575 *	10.61	535917 *	14.46
11	E28N8MSD	182706 *	7.83	809018 *	10.62	606227 *	14.46
12	E28M8	149562 *	7.82	648818 *	10.61	543470 *	14.46
13	E28N3	162973 *	7.82	739347 *	10.61	542489 *	14.47
14	E28N7	159141 *	7.82	713102 *	10.61	547465 *	14.46
15	E28N4	142365 *	7.82	651916 *	10.61	521878 *	14.46
16	E28N6	139508 *	7.82	633114 *	10.61	523505 *	14.46
17	E28M4	146316 *	7.82	645198 *	10.62	521207 *	14.46
18	E28M6	160009 *	7.82	731913 *	10.61	588661 *	14.46
19	E28M7	150018 *	7.82	655048 *	10.61	536090 *	14.47
20	SLCS438	103961	7.82	466539	10.61	376461	14.47
21	SLCS440	144460 *	7.82	628864 *	10.61	545096 *	14.47
22	SBLK440	149011 *	7.82	644127 *	10.61	545803 *	14.46
23	E28N0	171931 *	7.82	772404 *	10.61	614335 *	14.47

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG120924 SAS No.: BG120924 SDG NO.: BG120924

EPA Sample No.: SSTD020426 Date Analyzed: Dec 10 2024 12:00AM

Lab File ID: BG063591.D Time Analyzed: 05:36

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	61973	7.819	254867	10.61	219491	14.46
UPPER LIMIT	123946	8.319	509734	11.11	438982	14.959
LOWER LIMIT	30986.5	7.319	127433.5	10.11	109745.5	13.959
EPA SAMPLE NO.						
24 E28M2	216120 *	7.82	915941 *	10.61	648747 *	14.46
25 E28M5	185559 *	7.82	870407 *	10.61	704860 *	14.46
26 E28N1	145807 *	7.82	664274 *	10.61	534433 *	14.46
27 E28N5	155942 *	7.82	742286 *	10.61	589206 *	14.46

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.: BG120924 SAS No.: BG120924 SDG NO.: BG120924

EPA Sample No.: SSTD020556 Date Analyzed: Dec 9 2024 12:00AM

Lab File ID: BG063597.D Time Analyzed: 12:12

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	61115	7.818	265251	10.61	226557	14.46
UPPER LIMIT	122230	8.318	530502	11.109	453114	14.963
LOWER LIMIT	30557.5	7.318	132625.5	10.109	113278.5	13.963
EPA SAMPLE NO.						
01 SBLK440	73336	7.82	281438	10.61	231960	14.46
02 SBLK438	46324	7.82	184325	10.61	148801	14.46
03 E28M1	92013	7.83	356771	10.61	296524	14.47
04 E28MOME	94524	7.83	412292	10.62	295753	14.47
05 E28M3	123203 *	7.82	557406 *	10.62	466891 *	14.47
06 E28MIDL	144763 *	7.82	601522 *	10.61	448381	14.46

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.: BG120924 SAS No.: BG120924 SDG NO.: BG120924

EPA Sample No.: SSTD020557 Date Analyzed: Dec 9 2024 12:00AM

Lab File ID: BG063604.D Time Analyzed: 17:01

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	123527	7.818	580642	10.61	467907	14.47
	UPPER LIMIT	247054	8.318	1161284	11.114	935814	14.969
	LOWER LIMIT	61763.5	7.318	290321	10.114	233953.5	13.969
	EPA SAMPLE NO.						
01	SBLK440	136434	7.82	614142	10.61	535551	14.47
02	SBLK438	94338	7.82	432583	10.61	368293	14.46
03	E28N8	167463	7.82	730564	10.62	547934	14.46
04	E28N8MS	164375	7.82	716575	10.61	535917	14.46
05	E28N8MSD	182706	7.83	809018	10.62	606227	14.46
06	E28M8	149562	7.82	648818	10.61	543470	14.46
07	E28N3	162973	7.82	739347	10.61	542489	14.47
08	E28N7	159141	7.82	713102	10.61	547465	14.46
09	E28N4	142365	7.82	651916	10.61	521878	14.46
10	E28N6	139508	7.82	633114	10.61	523505	14.46
11	E28M4	146316	7.82	645198	10.62	521207	14.46
12	E28M6	160009	7.82	731913	10.61	588661	14.46
13	E28M7	150018	7.82	655048	10.61	536090	14.47
14	SLCS438	103961	7.82	466539	10.61	376461	14.47
15	SLCS440	144460	7.82	628864	10.61	545096	14.47

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.: BG120924 SAS No.: BG120924 SDG NO.: BG120924

EPA Sample No.: SSTD020558 Date Analyzed: Dec 10 2024 12:00AM

Lab File ID: BG063620.D Time Analyzed: 04:20

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	152336	7.824	664007	10.61	554754	14.46
UPPER LIMIT	304672	8.324	1328014	11.109	1109508	14.963
LOWER LIMIT	76168	7.324	332003.5	10.109	277377	13.963
EPA SAMPLE NO.						
01 SBLK440	149011	7.82	644127	10.61	545803	14.46
02 E28N0	171931	7.82	772404	10.61	614335	14.47
03 E28M2	216120	7.82	915941	10.61	648747	14.46
04 E28M5	185559	7.82	870407	10.61	704860	14.46
05 E28N1	145807	7.82	664274	10.61	534433	14.46
06 E28N5	155942	7.82	742286	10.61	589206	14.46

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.: BG120924 SAS No.: BG120924 SDG NO.: BG120924

EPA Sample No.: SSTD020426 Date Analyzed: Dec 9 2024 12:00AM

Lab File ID: BG063591.D Time Analyzed: 12:12

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	617795	17.214	714949	21.474	690199	24.506
	UPPER LIMIT	1235590	17.714	1429898	21.974	1380398	25.006
	LOWER LIMIT	308897.5	16.714	357474.5	20.974	345099.5	24.006
	EPA SAMPLE NO.						
01	SBLK440	670533	17.21	790868	21.47	798738	24.50
02	SBLK438	407163	17.21	527269	21.47	538167	24.50
03	E28M1	690128	17.22	819327	21.50	855154	24.60
04	E28M0ME	655555	17.22	623152	21.48	702775	24.54
05	E28M3	1.14631	17.22	956981	21.48	1.07512e+	24.52
06	E28M1DL	979907	17.22	851795	21.48	933109	24.53
07	SBLK440	1.34818*	17.22	1.16349e+	21.48	1.22836e+	24.52
08	SBLK438	958481	17.22	819644	21.47	872575	24.51
09	E28N8	1.14962	17.22	1.00621e+	21.48	1.12985e+	24.52
10	E28N8MS	1.11763	17.22	977600	21.48	1.08403e+	24.52
11	E28N8MSD	1.29051*	17.22	1.12698e+	21.48	1.22769e+	24.52
12	E28M8	1.25132*	17.22	1.05219e+	21.47	1.16857e+	24.50
13	E28N3	1.18872	17.22	1.02994e+	21.48	1.16767e+	24.51
14	E28N7	1.27324*	17.22	1.08285e+	21.47	1.19237e+	24.50
15	E28N4	1.33557*	17.22	1.14558e+	21.47	1.23446e+	24.50
16	E28N6	1.33953*	17.22	1.17248e+	21.47	1.29579e+	24.51
17	E28M4	1.31739*	17.21	1.15305e+	21.47	1.29138e+	24.51
18	E28M6	1.39667*	17.21	1.26227e+	21.47	1.33867e+	24.50
19	E28M7	1.28904*	17.21	1.13862e+	21.47	1.23192e+	24.50
20	SLCS438	991352	17.22	910157	21.48	979306	24.50
21	SLCS440	1.39307*	17.21	1.25881e+	21.47	1.3679e+0	24.51

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG120924 SAS No.: BG120924 SDG NO.: BG120924

EPA Sample No.: SSTD020426 Date Analyzed: Dec 10 2024 12:00AM

Lab File ID: BG063591.D Time Analyzed: 04:20

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	617795	17.214	714949	21.474	690199	24.506
UPPER LIMIT	1235590	17.714	1429898	21.974	1380398	25.006
LOWER LIMIT	308897.5	16.714	357474.5	20.974	345099.5	24.006
EPA SAMPLE NO.						
22 SBLK440	1.42285*	17.21	1.33375e+	21.47	1.47103e+ *	24.50
23 E28N0	1.44987*	17.21	1.26522e+	21.47	1.41428e+ *	24.50
24 E28M2	1.39714*	17.22	1.15118e+	21.48	1.28609e+	24.54
25 E28M5	1.56702*	17.22	1.26139e+	21.47	1.44235e+ *	24.50
26 E28N1	1.24091*	17.22	1.07116e+	21.47	1.19106e+	24.50
27 E28N5	1.37104*	17.22	1.14225e+	21.47	1.23254e+	24.50

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.: BG120924 SAS No.: BG120924 SDG NO.: BG120924

EPA Sample No.: SSTD020556 Date Analyzed: Dec 9 2024 12:00AM

Lab File ID: BG063597.D Time Analyzed: 12:12

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	645328	17.219	682573	21.473	752323	24.51
UPPER LIMIT	1290656	17.719	1365146	21.973	1504646	25.01
LOWER LIMIT	322664	16.719	341286.5	20.973	376161.5	24.01
EPA SAMPLE NO.						
01 SBLK440	670533	17.21	790868	21.47	798738	24.50
02 SBLK438	407163	17.21	527269	21.47	538167	24.50
03 E28M1	690128	17.22	819327	21.50	855154	24.60
04 E28M0ME	655555	17.22	623152	21.48	702775	24.54
05 E28M3	1.14631	17.22	956981	21.48	1.07512e+	24.52
06 E28MIDL	979907	17.22	851795	21.48	933109	24.53

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.: BG120924 SAS No.: BG120924 SDG NO.: BG120924

EPA Sample No.: SSTD020557 Date Analyzed: Dec 9 2024 12:00AM

Lab File ID: BG063604.D Time Analyzed: 17:01

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.11145e+01	17.218	925808	21.478	1.02229e+01	24.516
	UPPER LIMIT	2222900	17.718	1851616	21.978	2044580	25.016
	LOWER LIMIT	555725	16.718	462904	20.978	511145	24.016
	EPA SAMPLE NO.						
01	SBLK440	1.34818	17.22	1.16349e+	21.48	1.22836e+	24.52
02	SBLK438	958481	17.22	819644	21.47	872575	24.51
03	E28N8	1.14962	17.22	1.00621e+	21.48	1.12985e+	24.52
04	E28N8MS	1.11763	17.22	977600	21.48	1.08403e+	24.52
05	E28N8MSD	1.29051	17.22	1.12698e+	21.48	1.22769e+	24.52
06	E28M8	1.25132	17.22	1.05219e+	21.47	1.16857e+	24.50
07	E28N3	1.18872	17.22	1.02994e+	21.48	1.16767e+	24.51
08	E28N7	1.27324	17.22	1.08285e+	21.47	1.19237e+	24.50
09	E28N4	1.33557	17.22	1.14558e+	21.47	1.23446e+	24.50
10	E28N6	1.33953	17.22	1.17248e+	21.47	1.29579e+	24.51
11	E28M4	1.31739	17.21	1.15305e+	21.47	1.29138e+	24.51
12	E28M6	1.39667	17.21	1.26227e+	21.47	1.33867e+	24.50
13	E28M7	1.28904	17.21	1.13862e+	21.47	1.23192e+	24.50
14	SLCS438	991352	17.22	910157	21.48	979306	24.50
15	SLCS440	1.39307	17.21	1.25881e+	21.47	1.3679e+0	24.51

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG120924 SAS No.: BG120924 SDG NO.: BG120924

EPA Sample No.: SSTD020557 Date Analyzed: Dec 10 2024 12:00AM

Lab File ID: BG063604.D Time Analyzed: 01:49

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	1.11145e+04	17.218	925808	21.478	1.02229e+04	24.516
UPPER LIMIT	2222900	17.718	1851616	21.978	2044580	25.016
LOWER LIMIT	555725	16.718	462904	20.978	511145	24.016
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.: BG120924 SAS No.: BG120924 SDG NO.: BG120924

EPA Sample No.: SSTD020558 Date Analyzed: Dec 10 2024 12:00AM

Lab File ID: BG063620.D Time Analyzed: 04:20

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	1.31954e+04	17.213	1.18665e+	21.472	1.31107e+04	24.504
UPPER LIMIT	2639080	17.713	2373300	21.972	2622140	25.004
LOWER LIMIT	659770	16.713	593325	20.972	655535	24.004
EPA SAMPLE NO.						
01 SBLK440	1.42285	17.21	1.33375e+	21.47	1.47103e+	24.50
02 E28N0	1.44987	17.21	1.26522e+	21.47	1.41428e+	24.50
03 E28M2	1.39714	17.22	1.15118e+	21.48	1.28609e+	24.54
04 E28M5	1.56702	17.22	1.26139e+	21.47	1.44235e+	24.50
05 E28N1	1.24091	17.22	1.07116e+	21.47	1.19106e+	24.50
06 E28N5	1.37104	17.22	1.14225e+	21.47	1.23254e+	24.50

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.: BG120924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165438BS	1,4-Dioxane	15500	9700	ug/Kg	63				0	0		
	Benzaldehyde	38800	8500	ug/Kg	22				0	0		
	Pyridine	38800	32000	ug/Kg	82				0	0		
	Phenol	38800	37000	ug/Kg	95				0	0		
	Bis(2-chloroethyl)ether	38800	34000	ug/Kg	88				0	0		
	2-Chlorophenol	38800	41000	ug/Kg	106				0	0		
	2-Methylphenol	38800	37000	ug/Kg	95				0	0		
	2,2-oxybis(1-Chloropropane)	38800	38000	ug/Kg	98				0	0		
	Acetophenone	38800	32000	ug/Kg	82				0	0		
	4-Methylphenol	38800	35000	ug/Kg	90				0	0		
	N-Nitroso-di-n-propylamine	38800	31000	ug/Kg	80				0	0		
	Hexachloroethane	38800	30000	ug/Kg	77				0	0		
	Nitrobenzene	38800	29000	ug/Kg	75				0	0		
	Isophorone	38800	29000	ug/Kg	75				0	0		
	2-Nitrophenol	38800	35000	ug/Kg	90				0	0		
	2,4-Dimethylphenol	38800	32000	ug/Kg	82				0	0		
	Bis(2-chloroethoxy)methane	38800	33000	ug/Kg	85				0	0		
	2,4-Dichlorophenol	38800	34000	ug/Kg	88				0	0		
	Naphthalene	38800	32000	ug/Kg	82				0	0		
	4-Chloroaniline	38800	22000	ug/Kg	57				0	0		
	Hexachlorobutadiene	38800	23000	ug/Kg	59				0	0		
	Caprolactam	38800	33000	ug/Kg	85				0	0		
	4-Chloro-3-methylphenol	38800	33000	ug/Kg	85				0	0		
	1-Methylnaphthalene	38800	31000	ug/Kg	80				0	0		
	2-Methylnaphthalene	38800	31000	ug/Kg	80				0	0		
	Hexachlorocyclopentadiene	38800	18000	ug/Kg	46				0	0		
	2,4,6-Trichlorophenol	38800	35000	ug/Kg	90				0	0		
	2,4,5-Trichlorophenol	38800	35000	ug/Kg	90				0	0		
	1,1'-Biphenyl	38800	33000	ug/Kg	85				0	0		
	2-Chloronaphthalene	38800	32000	ug/Kg	82				0	0		
	2-Nitroaniline	38800	35000	ug/Kg	90				0	0		
	Dimethylphthalate	38800	31000	ug/Kg	80				0	0		
	2,6-Dinitrotoluene	38800	32000	ug/Kg	82				0	0		
	Acenaphthylene	38800	35000	ug/Kg	90				0	0		
	3-Nitroaniline	38800	38000	ug/Kg	98				0	0		
	Acenaphthene	38800	34000	ug/Kg	88				0	0		
	2,4-Dinitrophenol	38800	29000	ug/Kg	75				0	0		
	4-Nitrophenol	38800	27000	ug/Kg	70				0	0		
	Dibenzofuran	38800	31000	ug/Kg	80				0	0		
	2,4-Dinitrotoluene	38800	32000	ug/Kg	82				0	0		
	Diethylphthalate	38800	33000	ug/Kg	85				0	0		
	Fluorene	38800	31000	ug/Kg	80				0	0		
	4-Chlorophenyl-phenylether	38800	27000	ug/Kg	70				0	0		
	4-Nitroaniline	38800	43000	ug/Kg	111				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG120924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB165438BS	4,6-Dinitro-2-methylphenol	38800	28000	ug/Kg	72				0	0	
	N-Nitrosodiphenylamine	38800	35000	ug/Kg	90				0	0	
	1,2,4,5-Tetrachlorobenzene	38800	26000	ug/Kg	67				0	0	
	4-Bromophenyl-phenylether	38800	28000	ug/Kg	72				0	0	
	Hexachlorobenzene	38800	29000	ug/Kg	75				0	0	
	Atrazine	38800	31000	ug/Kg	80				0	0	
	Pentachlorophenol	38800	38000	ug/Kg	98				0	0	
	Phenanthrene	38800	34000	ug/Kg	88				0	0	
	Pentachlorobenzene	38800	28000	ug/Kg	72				0	0	
	Anthracene	38800	34000	ug/Kg	88				0	0	
	1,2,3,4-Tetrachlorobenzene	38800	28000	ug/Kg	72				0	0	
	Carbazole	38800	35000	ug/Kg	90				0	0	
	Di-n-butylphthalate	38800	37000	ug/Kg	95				0	0	
	Fluoranthene	38800	35000	ug/Kg	90				0	0	
	Pyrene	38800	34000	ug/Kg	88				0	0	
	Butylbenzylphthalate	38800	47000	ug/Kg	121				0	0	
	3,3'-Dichlorobenzidine	38800	37000	ug/Kg	95				0	0	
	Benzo(a)anthracene	38800	33000	ug/Kg	85				0	0	
	Chrysene	38800	33000	ug/Kg	85				0	0	
	Bis(2-ethylhexyl)phthalate	38800	45000	ug/Kg	116				0	0	
	Di-n-octylphthalate	38800	44000	ug/Kg	113				0	0	
	Benzo(b)fluoranthene	38800	33000	ug/Kg	85				0	0	
	Benzo(k)fluoranthene	38800	32000	ug/Kg	82				0	0	
	Benzo(a)pyrene	38800	33000	ug/Kg	85				0	0	
	Indeno(1,2,3-cd)pyrene	38800	33000	ug/Kg	85				0	0	
	Dibenzo(a,h)anthracene	38800	34000	ug/Kg	88				0	0	
	Benzo(g,h,i)perylene	38800	34000	ug/Kg	88				0	0	
	2,3,4,6-Tetrachlorophenol	38800	33000	ug/Kg	85				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG120924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165440BS	1,4-Dioxane	530	260	ug/Kg	49				0	0		
	Benzaldehyde	1300	210	ug/Kg	16				0	0		
	Pyridine	1300	770	ug/Kg	59				0	0		
	Phenol	1300	880	ug/Kg	68				0	0		
	Bis(2-chloroethyl)ether	1300	830	ug/Kg	64				0	0		
	2-Chlorophenol	1300	970	ug/Kg	75				0	0		
	2-Methylphenol	1300	900	ug/Kg	69				0	0		
	2,2-oxybis(1-Chloropropane)	1300	930	ug/Kg	72				0	0		
	Acetophenone	1300	770	ug/Kg	59				0	0		
	4-Methylphenol	1300	900	ug/Kg	69				0	0		
	N-Nitroso-di-n-propylamine	1300	780	ug/Kg	60				0	0		
	Hexachloroethane	1300	710	ug/Kg	55				0	0		
	Nitrobenzene	1300	720	ug/Kg	55				0	0		
	Isophorone	1300	760	ug/Kg	58				0	0		
	2-Nitrophenol	1300	850	ug/Kg	65				0	0		
	2,4-Dimethylphenol	1300	790	ug/Kg	61				0	0		
	Bis(2-chloroethoxy)methane	1300	830	ug/Kg	64				0	0		
	2,4-Dichlorophenol	1300	840	ug/Kg	65				0	0		
	Naphthalene	1300	820	ug/Kg	63				0	0		
	4-Chloroaniline	1300	540	ug/Kg	42				0	0		
	Hexachlorobutadiene	1300	570	ug/Kg	44				0	0		
	Caprolactam	1300	840	ug/Kg	65				0	0		
	4-Chloro-3-methylphenol	1300	820	ug/Kg	63				0	0		
	1-Methylnaphthalene	1300	790	ug/Kg	61				0	0		
	2-Methylnaphthalene	1300	790	ug/Kg	61				0	0		
	Hexachlorocyclopentadiene	1300	420	ug/Kg	32				0	0		
	2,4,6-Trichlorophenol	1300	770	ug/Kg	59				0	0		
	2,4,5-Trichlorophenol	1300	810	ug/Kg	62				0	0		
	1,1'-Biphenyl	1300	750	ug/Kg	58				0	0		
	2-Chloronaphthalene	1300	760	ug/Kg	58				0	0		
	2-Nitroaniline	1300	860	ug/Kg	66				0	0		
	Dimethylphthalate	1300	750	ug/Kg	58				0	0		
	2,6-Dinitrotoluene	1300	740	ug/Kg	57				0	0		
	Acenaphthylene	1300	800	ug/Kg	62				0	0		
	3-Nitroaniline	1300	920	ug/Kg	71				0	0		
	Acenaphthene	1300	800	ug/Kg	62				0	0		
	2,4-Dinitrophenol	1300	740	ug/Kg	57				0	0		
	4-Nitrophenol	1300	710	ug/Kg	55				0	0		
	Dibenzofuran	1300	750	ug/Kg	58				0	0		
	2,4-Dinitrotoluene	1300	760	ug/Kg	58				0	0		
	Diethylphthalate	1300	800	ug/Kg	62				0	0		
	Fluorene	1300	750	ug/Kg	58				0	0		
	4-Chlorophenyl-phenylether	1300	640	ug/Kg	49				0	0		
	4-Nitroaniline	1300	1000	ug/Kg	77				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG120924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165440BS	4,6-Dinitro-2-methylphenol	1300	690	ug/Kg	53				0	0		
	N-Nitrosodiphenylamine	1300	840	ug/Kg	65				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	600	ug/Kg	46				0	0		
	4-Bromophenyl-phenylether	1300	710	ug/Kg	55				0	0		
	Hexachlorobenzene	1300	710	ug/Kg	55				0	0		
	Atrazine	1300	780	ug/Kg	60				0	0		
	Pentachlorophenol	1300	970	ug/Kg	75				0	0		
	Phenanthrene	1300	840	ug/Kg	65				0	0		
	Pentachlorobenzene	1300	700	ug/Kg	54				0	0		
	Anthracene	1300	820	ug/Kg	63				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	660	ug/Kg	51				0	0		
	Carbazole	1300	860	ug/Kg	66				0	0		
	Di-n-butylphthalate	1300	890	ug/Kg	68				0	0		
	Fluoranthene	1300	870	ug/Kg	67				0	0		
	Pyrene	1300	860	ug/Kg	66				0	0		
	Butylbenzylphthalate	1300	1100	ug/Kg	85				0	0		
	3,3'-Dichlorobenzidine	1300	930	ug/Kg	72				0	0		
	Benzo(a)anthracene	1300	820	ug/Kg	63				0	0		
	Chrysene	1300	840	ug/Kg	65				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1100	ug/Kg	85				0	0		
	Di-n-octylphthalate	1300	1100	ug/Kg	85				0	0		
	Benzo(b)fluoranthene	1300	820	ug/Kg	63				0	0		
	Benzo(k)fluoranthene	1300	810	ug/Kg	62				0	0		
	Benzo(a)pyrene	1300	810	ug/Kg	62				0	0		
	Indeno(1,2,3-cd)pyrene	1300	810	ug/Kg	62				0	0		
	Dibenzo(a,h)anthracene	1300	820	ug/Kg	63				0	0		
	Benzo(g,h,i)perylene	1300	830	ug/Kg	64				0	0		
	2,3,4,6-Tetrachlorophenol	1300	800	ug/Kg	62				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK438

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG120924

SAS No.: BG120924 SDG NO.: BG120924

Lab File ID: BG063606.D

Lab Sample ID: PB165438BL

Instrument ID: BNA_G

Date Extracted: 12/05/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/09/2024

Level: (low/med) MED

Time Analyzed: 17:39

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E28M0ME	P5066-01ME	BG063601.D	12/09/2024
PB165438BS	PB165438BS	BG063618.D	12/10/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK440

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG120924

SAS No.: BG120924 SDG NO.: BG120924

Lab File ID: BG063598.D

Lab Sample ID: PB165440BL

Instrument ID: BNA_G

Date Extracted: 12/05/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/09/2024

Level: (low/med) LOW

Time Analyzed: 12:12

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E28N0	P5066-12	BG063622.D	12/10/2024
E28M2	P5066-03	BG063623.D	12/10/2024
E28M5	P5066-06	BG063624.D	12/10/2024
E28N1	P5066-13	BG063625.D	12/10/2024
E28N5	P5066-17	BG063626.D	12/10/2024
PB165440BS	PB165440BS	BG063619.D	12/10/2024
E28M3	P5066-04	BG063602.D	12/09/2024
E28M1	P5066-02	BG063600.D	12/09/2024
E28N8	P5066-20	BG063607.D	12/09/2024
E28N8MS	P5066-21MS	BG063608.D	12/09/2024
E28N8MSD	P5066-22MSD	BG063609.D	12/09/2024
E28M8	P5066-09	BG063610.D	12/09/2024
E28N3	P5066-15	BG063611.D	12/09/2024
E28N7	P5066-19	BG063612.D	12/09/2024
E28N4	P5066-16	BG063613.D	12/09/2024
E28N6	P5066-18	BG063614.D	12/09/2024
E28M4	P5066-05	BG063615.D	12/09/2024
E28M6	P5066-07	BG063616.D	12/09/2024
E28M7	P5066-08	BG063617.D	12/10/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG120924

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5066-21MS	Client Sample ID:	E28N8MS					DataFile:	BG063608.D		
1,4-Dioxane	680		390	ug/Kg	57				15	120	
Benzaldehyde	1700		400	ug/Kg	24				0	0	
Pyridine	1700		950	ug/Kg	56				0	0	
Phenol	1700	130	1400	ug/Kg	75				26	90	
Bis(2-chloroethyl)ether	1700		1300	ug/Kg	76				0	0	
2-Chlorophenol	1700		1400	ug/Kg	82				25	102	
2-Methylphenol	1700		1300	ug/Kg	76				0	0	
2,2-oxybis(1-Chloropropane)	1700		1500	ug/Kg	88				0	0	
Acetophenone	1700		1200	ug/Kg	71				0	0	
4-Methylphenol	1700		1300	ug/Kg	76				0	0	
N-Nitroso-di-n-propylamine	1700		1300	ug/Kg	76				41	126	
Hexachloroethane	1700		1300	ug/Kg	76				0	0	
Nitrobenzene	1700		1200	ug/Kg	71				0	0	
Isophorone	1700		1200	ug/Kg	71				0	0	
2-Nitrophenol	1700		1300	ug/Kg	76				0	0	
2,4-Dimethylphenol	1700		1200	ug/Kg	71				0	0	
Bis(2-chloroethoxy)methane	1700		1400	ug/Kg	82				0	0	
2,4-Dichlorophenol	1700		1300	ug/Kg	76				0	0	
Naphthalene	1700		1400	ug/Kg	82				0	0	
4-Chloroaniline	1700		440	ug/Kg	26				0	0	
Hexachlorobutadiene	1700		1000	ug/Kg	59				0	0	
Caprolactam	1700		1300	ug/Kg	76				0	0	
4-Chloro-3-methylphenol	1700		1300	ug/Kg	76				26	103	
1-Methylnaphthalene	1700		1300	ug/Kg	76				0	0	
2-Methylnaphthalene	1700		1300	ug/Kg	76				0	0	
Hexachlorocyclopentadiene	1700		1000	ug/Kg	59				0	0	
2,4,6-Trichlorophenol	1700		1300	ug/Kg	76				0	0	
2,4,5-Trichlorophenol	1700		1300	ug/Kg	76				0	0	
1,1'-Biphenyl	1700		1500	ug/Kg	88				0	0	
2-Chloronaphthalene	1700		1400	ug/Kg	82				0	0	
2-Nitroaniline	1700		1400	ug/Kg	82				0	0	
Dimethylphthalate	1700		1300	ug/Kg	76				0	0	
2,6-Dinitrotoluene	1700		1300	ug/Kg	76				0	0	
Acenaphthylene	1700		1400	ug/Kg	82				0	0	
3-Nitroaniline	1700		1300	ug/Kg	76				0	0	
Acenaphthene	1700		1400	ug/Kg	82				31	137	
2,4-Dinitrophenol	1700		1200	ug/Kg	71				0	0	
4-Nitrophenol	1700		1000	ug/Kg	59				11	114	
Dibenzofuran	1700		1300	ug/Kg	76				0	0	
2,4-Dinitrotoluene	1700		1200	ug/Kg	71				28	89	
Diethylphthalate	1700		1300	ug/Kg	76				0	0	
Fluorene	1700		1200	ug/Kg	71				0	0	
4-Chlorophenyl-phenylether	1700		1100	ug/Kg	65				0	0	
4-Nitroaniline	1700		1500	ug/Kg	88				0	0	
4,6-Dinitro-2-methylphenol	1700		1300	ug/Kg	76				0	0	
N-Nitrosodiphenylamine	1700		1700	ug/Kg	100				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG120924

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		1200	ug/Kg	71				0	0	
4-Bromophenyl-phenylether	1700		1300	ug/Kg	76				0	0	
Hexachlorobenzene	1700		1300	ug/Kg	76				0	0	
Atrazine	1700			ug/Kg	0				0	0	
Pentachlorophenol	1700		1500	ug/Kg	88				17	109	
Phenanthrene	1700		1400	ug/Kg	82				0	0	
Pentachlorobenzene	1700		1500	ug/Kg	88				0	0	
Anthracene	1700		1400	ug/Kg	82				0	0	
1,2,3,4-Tetrachlorobenzene	1700		1600	ug/Kg	94				0	0	
Carbazole	1700		1500	ug/Kg	88				0	0	
Di-n-butylphthalate	1700		1500	ug/Kg	88				0	0	
Fluoranthene	1700		1500	ug/Kg	88				0	0	
Pyrene	1700		1500	ug/Kg	88				35	142	
Butylbenzylphthalate	1700		1900	ug/Kg	112				0	0	
3,3'-Dichlorobenzidine	1700		1600	ug/Kg	94				0	0	
Benzo(a)anthracene	1700		1400	ug/Kg	82				0	0	
Chrysene	1700		1400	ug/Kg	82				0	0	
Bis(2-ethylhexyl)phthalate	1700		1900	ug/Kg	112				0	0	
Di-n-octylphthalate	1700		1800	ug/Kg	106				0	0	
Benzo(b)fluoranthene	1700		1400	ug/Kg	82				0	0	
Benzo(k)fluoranthene	1700		1300	ug/Kg	76				0	0	
Benzo(a)pyrene	1700		1400	ug/Kg	82				0	0	
Indeno(1,2,3-cd)pyrene	1700		1400	ug/Kg	82				0	0	
Dibenzo(a,h)anthracene	1700		1500	ug/Kg	88				0	0	
Benzo(g,h,i)perylene	1700		1500	ug/Kg	88				0	0	
2,3,4,6-Tetrachlorophenol	1700		1100	ug/Kg	65				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG120924

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5066-22MSD	Client Sample ID:	E28N8MSD					DataFile:	BG063609.D		
1,4-Dioxane	680		380	ug/Kg	56	2			15	120	50
Benzaldehyde	1700		330	ug/Kg	19	23	*		0	0	0
Pyridine	1700		830	ug/Kg	49	13	*		0	0	0
Phenol	1700	130	1200	ug/Kg	63	17			26	90	35
Bis(2-chloroethyl)ether	1700		1100	ug/Kg	65	16	*		0	0	0
2-Chlorophenol	1700		1200	ug/Kg	71	14			25	102	50
2-Methylphenol	1700		1100	ug/Kg	65	16	*		0	0	0
2,2-oxybis(1-Chloropropane)	1700		1300	ug/Kg	76	15	*		0	0	0
Acetophenone	1700		1100	ug/Kg	65	9	*		0	0	0
4-Methylphenol	1700		1100	ug/Kg	65	16	*		0	0	0
N-Nitroso-di-n-propylamine	1700		1100	ug/Kg	65	16			41	126	38
Hexachloroethane	1700		1100	ug/Kg	65	16	*		0	0	0
Nitrobenzene	1700		970	ug/Kg	57	22	*		0	0	0
Isophorone	1700		990	ug/Kg	58	20	*		0	0	0
2-Nitrophenol	1700		1200	ug/Kg	71	7	*		0	0	0
2,4-Dimethylphenol	1700		960	ug/Kg	56	24	*		0	0	0
Bis(2-chloroethoxy)methane	1700		1100	ug/Kg	65	23	*		0	0	0
2,4-Dichlorophenol	1700		1100	ug/Kg	65	16	*		0	0	0
Naphthalene	1700		1200	ug/Kg	71	14	*		0	0	0
4-Chloroaniline	1700		360	ug/Kg	21	21	*		0	0	0
Hexachlorobutadiene	1700		870	ug/Kg	51	15	*		0	0	0
Caprolactam	1700		1100	ug/Kg	65	16	*		0	0	0
4-Chloro-3-methylphenol	1700		1100	ug/Kg	65	16			26	103	33
1-Methylnaphthalene	1700		1100	ug/Kg	65	16	*		0	0	0
2-Methylnaphthalene	1700		1100	ug/Kg	65	16	*		0	0	0
Hexachlorocyclopentadiene	1700		830	ug/Kg	49	19	*		0	0	0
2,4,6-Trichlorophenol	1700		1100	ug/Kg	65	16	*		0	0	0
2,4,5-Trichlorophenol	1700		1100	ug/Kg	65	16	*		0	0	0
1,1'-Biphenyl	1700		1200	ug/Kg	71	21	*		0	0	0
2-Chloronaphthalene	1700		1200	ug/Kg	71	14	*		0	0	0
2-Nitroaniline	1700		1200	ug/Kg	71	14	*		0	0	0
Dimethylphthalate	1700		1100	ug/Kg	65	16	*		0	0	0
2,6-Dinitrotoluene	1700		1100	ug/Kg	65	16	*		0	0	0
Acenaphthylene	1700		1200	ug/Kg	71	14	*		0	0	0
3-Nitroaniline	1700		1100	ug/Kg	65	16	*		0	0	0
Acenaphthene	1700		1200	ug/Kg	71	14			31	137	19
2,4-Dinitrophenol	1700		1000	ug/Kg	59	18	*		0	0	0
4-Nitrophenol	1700		890	ug/Kg	52	13			11	114	50
Dibenzofuran	1700		1100	ug/Kg	65	16	*		0	0	0
2,4-Dinitrotoluene	1700		1000	ug/Kg	59	18			28	89	47
Diethylphthalate	1700		1100	ug/Kg	65	16	*		0	0	0
Fluorene	1700		1000	ug/Kg	59	18	*		0	0	0
4-Chlorophenyl-phenylether	1700		900	ug/Kg	53	20	*		0	0	0
4-Nitroaniline	1700		1200	ug/Kg	71	21	*		0	0	0
4,6-Dinitro-2-methylphenol	1700		1100	ug/Kg	65	16	*		0	0	0
N-Nitrosodiphenylamine	1700		1400	ug/Kg	82	20	*		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG120924

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		1000	ug/Kg	59	18	*		0	0	0
4-Bromophenyl-phenylether	1700		1100	ug/Kg	65	16	*		0	0	0
Hexachlorobenzene	1700		1100	ug/Kg	65	16	*		0	0	0
Atrazine	1700		0	ug/Kg	0				0	0	0
Pentachlorophenol	1700		1300	ug/Kg	76	15			17	109	47
Phenanthrene	1700		1200	ug/Kg	71	14	*		0	0	0
Pentachlorobenzene	1700		1200	ug/Kg	71	21	*		0	0	0
Anthracene	1700		1200	ug/Kg	71	14	*		0	0	0
1,2,3,4-Tetrachlorobenzene	1700		1300	ug/Kg	76	21	*		0	0	0
Carbazole	1700		1300	ug/Kg	76	15	*		0	0	0
Di-n-butylphthalate	1700		1300	ug/Kg	76	15	*		0	0	0
Fluoranthene	1700		1300	ug/Kg	76	15	*		0	0	0
Pyrene	1700		1200	ug/Kg	71	21			35	142	36
Butylbenzylphthalate	1700		1600	ug/Kg	94	17	*		0	0	0
3,3'-Dichlorobenzidine	1700		1400	ug/Kg	82	14	*		0	0	0
Benzo(a)anthracene	1700		1200	ug/Kg	71	14	*		0	0	0
Chrysene	1700		1200	ug/Kg	71	14	*		0	0	0
Bis(2-ethylhexyl)phthalate	1700		1600	ug/Kg	94	17	*		0	0	0
Di-n-octylphthalate	1700		1600	ug/Kg	94	12	*		0	0	0
Benzo(b)fluoranthene	1700		1200	ug/Kg	71	14	*		0	0	0
Benzo(k)fluoranthene	1700		1200	ug/Kg	71	7	*		0	0	0
Benzo(a)pyrene	1700		1200	ug/Kg	71	14	*		0	0	0
Indeno(1,2,3-cd)pyrene	1700		1200	ug/Kg	71	14	*		0	0	0
Dibenzo(a,h)anthracene	1700		1200	ug/Kg	71	21	*		0	0	0
Benzo(g,h,i)perylene	1700		1300	ug/Kg	76	15	*		0	0	0
2,3,4,6-Tetrachlorophenol	1700		900	ug/Kg	53	20	*		0	0	0

Surrogate Summary

SW-846

SDG No.: BG120924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5066-01ME	E28M0ME	BG063601.D	1,4-Dioxane-d8	8	2.57	32		15	120
			Pyridine-d5	40	10.54	26		20	120
			Phenol-d5	40	14.62	37		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.65	47		10	150
			2-Chlorophenol-d4	40	14.33	36		15	120
			4-Methylphenol-d8	40	16.91	42		10	140
			Nitrobenzene-d5	40	18.59	46		10	135
			2-Nitrophenol-d4	40	5.28	13		10	120
			2,4-Dichlorophenol-d3	40	9.94	25		10	140
			4-Chloroaniline-d4	40	19.08	48		1	145
			Dimethylphthalate-d6	40	20.64	52		10	145
			Acenaphthylene-d8	40	22.13	55		15	120
			4-Nitrophenol-d4	40	0.13	0	*	10	150
			Fluorene-d10	40	18.45	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.48	1	*	10	130
			Anthracene-d10	40	21.00	52		10	150
			Pyrene-d10	40	21.42	54		10	130
			Benzo(a)pyrene-d12	40	21.41	54		10	140
PB165438BL	PB165438BL	BG063599.D	1,4-Dioxane-d8	8	8.56	107		15	120
			Pyridine-d5	40	36.65	92		20	120
		BG063606.D	1,4-Dioxane-d8	8	6.74	84		15	120
			Pyridine-d5	40	29.13	73		20	120
		BG063599.D	Phenol-d5	40	37.04	93		10	130
			Phenol-d5	40	35.95	90		10	130
		BG063606.D	Bis(2-Chloroethyl)ether-d8	40	33.61	84		10	150
			Bis(2-Chloroethyl)ether-d8	40	31.90	80		10	150
		BG063599.D	2-Chlorophenol-d4	40	38.96	97		15	120
			2-Chlorophenol-d4	40	36.71	92		15	120
		BG063606.D	4-Methylphenol-d8	40	34.36	86		10	140
			4-Methylphenol-d8	40	36.92	92		10	140
		BG063599.D	Nitrobenzene-d5	40	32.28	81		10	135
			Nitrobenzene-d5	40	34.96	87		10	135
		BG063606.D	2-Nitrophenol-d4	40	31.45	79		10	120
			2-Nitrophenol-d4	40	32.51	81		10	120
		BG063599.D	2,4-Dichlorophenol-d3	40	32.38	81		10	140
			2,4-Dichlorophenol-d3	40	33.44	84		10	140
		BG063606.D	4-Chloroaniline-d4	40	31.01	78		1	145
			4-Chloroaniline-d4	40	33.30	83		1	145
		BG063599.D	Dimethylphthalate-d6	40	30.55	76		10	145
			Dimethylphthalate-d6	40	33.00	82		10	145
		BG063606.D	Acenaphthylene-d8	40	33.70	84		15	120
			Acenaphthylene-d8	40	34.70	87		15	120
		BG063599.D	4-Nitrophenol-d4	40	31.37	78		10	150
			4-Nitrophenol-d4	40	27.90	70		10	150
		BG063606.D	Fluorene-d10	40	31.36	78		20	140
			Fluorene-d10	40	30.74	77		20	140
		BG063599.D	4,6-Dinitro-2-methylphenol-d2	40	16.30	41		10	130
			4,6-Dinitro-2-methylphenol-d2	40	22.81	57		10	130
		BG063599.D	Anthracene-d10	40	35.49	89		10	150
			Anthracene-d10	40	35.49	89		10	150

Surrogate Summary

SW-846

SDG No.: BG120924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165438BL	PB165438BL	BG063606.D	Anthracene-d10	40	32.86	82		10	150
			Pyrene-d10	40	37.26	93		10	130
		BG063599.D	Pyrene-d10	40	33.27	83		10	130
			Benzo(a)pyrene-d12	40	35.29	88		10	140
PB165438BS	PB165438BS	BG063606.D	Benzo(a)pyrene-d12	40	34.42	86		10	140
		BG063618.D	1,4-Dioxane-d8	8	7.04	88		15	120
			Pyridine-d5	40	32.53	81		20	120
			Phenol-d5	40	37.41	94		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.77	79		10	150
			2-Chlorophenol-d4	40	40.40	101		15	120
			4-Methylphenol-d8	40	37.67	94		10	140
			Nitrobenzene-d5	40	34.16	85		10	135
			2-Nitrophenol-d4	40	34.80	87		10	120
			2,4-Dichlorophenol-d3	40	35.51	89		10	140
			4-Chloroaniline-d4	40	30.29	76		1	145
			Dimethylphthalate-d6	40	32.80	82		10	145
			Acenaphthylene-d8	40	34.67	87		15	120
			4-Nitrophenol-d4	40	40.21	101		10	150
			Fluorene-d10	40	31.69	79		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.26	68		10	130
			Anthracene-d10	40	33.72	84		10	150
			Pyrene-d10	40	34.45	86		10	130
			Benzo(a)pyrene-d12	40	34.14	85		10	140

Surrogate Summary

SW-846

SDG No.: **BG120924**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5066-02	E28M1	BG063600.D	1,4-Dioxane-d8	8	2.99	37		15	120
			Pyridine-d5	40	12.93	32		20	120
			Phenol-d5	40	6.60	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.49	76		10	150
			2-Chlorophenol-d4	40	3.80	9	*	15	120
			4-Methylphenol-d8	40	10.52	26		10	140
			Nitrobenzene-d5	40	21.63	54		10	135
			2-Nitrophenol-d4	40	3.80	10		10	120
			2,4-Dichlorophenol-d3	40	3.31	8	*	10	140
			4-Chloroaniline-d4	40	38.46	96		1	145
			Dimethylphthalate-d6	40	18.31	46		10	145
			Acenaphthylene-d8	40	17.82	45		15	120
			4-Nitrophenol-d4	40	7.34	18		10	150
			Fluorene-d10	40	16.97	42		20	140
			4,6-Dinitro-2-methylphenol-d2	40	1.52	4	*	10	130
			Anthracene-d10	40	19.83	50		10	150
			Pyrene-d10	40	18.85	47		10	130
			Benzo(a)pyrene-d12	40	20.47	51		10	140
P5066-02DL	E28M1DL	BG063603.D	1,4-Dioxane-d8	8	3.84	48		15	120
			Pyridine-d5	40	13.56	34		20	120
			Phenol-d5	40	8.86	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.19	78		10	150
			2-Chlorophenol-d4	40	4.94	12	*	15	120
			4-Methylphenol-d8	40	12.38	31		10	140
			Nitrobenzene-d5	40	25.73	64		10	135
			2-Nitrophenol-d4	40	0.00	0	*	10	120
			2,4-Dichlorophenol-d3	40	4.06	10		10	140
			4-Chloroaniline-d4	40	46.93	117		1	145
			Dimethylphthalate-d6	40	23.96	60		10	145
			Acenaphthylene-d8	40	23.46	59		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	21.25	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	25.44	64		10	150
			Pyrene-d10	40	26.42	66		10	130
			Benzo(a)pyrene-d12	40	24.05	60		10	140
P5066-03	E28M2	BG063623.D	1,4-Dioxane-d8	8	3.15	39		15	120
			Pyridine-d5	40	12.08	30		20	120
			Phenol-d5	40	15.95	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.04	45		10	150
			2-Chlorophenol-d4	40	16.95	42		15	120
			4-Methylphenol-d8	40	17.67	44		10	140
			Nitrobenzene-d5	40	19.25	48		10	135
			2-Nitrophenol-d4	40	15.79	39		10	120
			2,4-Dichlorophenol-d3	40	13.55	34		10	140
			4-Chloroaniline-d4	40	19.34	48		1	145
			Dimethylphthalate-d6	40	20.01	50		10	145
			Acenaphthylene-d8	40	20.85	52		15	120
			4-Nitrophenol-d4	40	0.48	1	*	10	150

Surrogate Summary

SW-846

SDG No.: **BG120924**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5066-03	E28M2	BG063623.D	Fluorene-d10	40	17.81	45		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.50	1	*	10	130
			Anthracene-d10	40	19.54	49		10	150
			Pyrene-d10	40	22.83	57		10	130
			Benzo(a)pyrene-d12	40	20.47	51		10	140
P5066-04	E28M3	BG063602.D	Pyridine-d5	40	18.98	47		20	120
			1,4-Dioxane-d8	8	4.10	51		15	120
			Phenol-d5	40	26.81	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.15	65		10	150
			2-Chlorophenol-d4	40	29.64	74		15	120
			4-Methylphenol-d8	40	29.83	75		10	140
			Nitrobenzene-d5	40	29.19	73		10	135
			2-Nitrophenol-d4	40	29.56	74		10	120
			2,4-Dichlorophenol-d3	40	27.54	69		10	140
			4-Chloroaniline-d4	40	28.89	72		1	145
			Dimethylphthalate-d6	40	30.47	76		10	145
			Acenaphthylene-d8	40	32.25	81		15	120
			4-Nitrophenol-d4	40	22.77	57		10	150
			Fluorene-d10	40	30.01	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.24	48		10	130
			Anthracene-d10	40	32.23	81		10	150
			Pyrene-d10	40	34.97	87		10	130
			Benzo(a)pyrene-d12	40	33.55	84		10	140
P5066-05	E28M4	BG063615.D	1,4-Dioxane-d8	8	3.49	44		15	120
			Pyridine-d5	40	13.47	34		20	120
			Phenol-d5	40	16.93	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.75	42		10	150
			2-Chlorophenol-d4	40	18.49	46		15	120
			4-Methylphenol-d8	40	17.07	43		10	140
			Nitrobenzene-d5	40	17.70	44		10	135
			2-Nitrophenol-d4	40	17.77	44		10	120
			2,4-Dichlorophenol-d3	40	16.35	41		10	140
			4-Chloroaniline-d4	40	16.71	42		1	145
			Dimethylphthalate-d6	40	17.77	44		10	145
			Acenaphthylene-d8	40	19.20	48		15	120
			4-Nitrophenol-d4	40	17.11	43		10	150
			Fluorene-d10	40	18.31	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.33	28		10	130
			Anthracene-d10	40	17.87	45		10	150
			Pyrene-d10	40	21.13	53		10	130
			Benzo(a)pyrene-d12	40	19.36	48		10	140
P5066-06	E28M5	BG063624.D	1,4-Dioxane-d8	8	2.47	31		15	120
			Pyridine-d5	40	10.61	27		20	120
			Phenol-d5	40	13.49	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.65	32		10	150
			2-Chlorophenol-d4	40	14.37	36		15	120
			4-Methylphenol-d8	40	14.40	36		10	140
			Nitrobenzene-d5	40	13.22	33		10	135
			2-Nitrophenol-d4	40	13.80	35		10	120

Surrogate Summary

SW-846

SDG No.: **BG120924**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5066-06	E28M5	BG063624.D	2,4-Dichlorophenol-d3	40	13.05	33		10	140
			4-Chloroaniline-d4	40	12.56	31		1	145
			Dimethylphthalate-d6	40	14.09	35		10	145
			Acenaphthylene-d8	40	15.04	38		15	120
			4-Nitrophenol-d4	40	12.57	31		10	150
			Fluorene-d10	40	13.10	33		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.69	17		10	130
			Anthracene-d10	40	14.46	36		10	150
			Pyrene-d10	40	16.04	40		10	130
			Benzo(a)pyrene-d12	40	14.63	37		10	140
P5066-07	E28M6	BG063616.D	1,4-Dioxane-d8	8	2.47	31		15	120
			Pyridine-d5	40	11.63	29		20	120
			Phenol-d5	40	13.89	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.51	34		10	150
			2-Chlorophenol-d4	40	15.37	38		15	120
			4-Methylphenol-d8	40	15.27	38		10	140
			Nitrobenzene-d5	40	13.66	34		10	135
			2-Nitrophenol-d4	40	17.08	43		10	120
			2,4-Dichlorophenol-d3	40	13.55	34		10	140
			4-Chloroaniline-d4	40	10.65	27		1	145
			Dimethylphthalate-d6	40	16.27	41		10	145
			Acenaphthylene-d8	40	16.23	41		15	120
			4-Nitrophenol-d4	40	13.57	34		10	150
			Fluorene-d10	40	14.27	36		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.34	21		10	130
			Anthracene-d10	40	15.13	38		10	150
			Pyrene-d10	40	15.44	39		10	130
			Benzo(a)pyrene-d12	40	13.87	35		10	140
P5066-08	E28M7	BG063617.D	1,4-Dioxane-d8	8	3.91	49		15	120
			Pyridine-d5	40	15.51	39		20	120
			Phenol-d5	40	18.90	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.09	45		10	150
			2-Chlorophenol-d4	40	21.20	53		15	120
			4-Methylphenol-d8	40	19.15	48		10	140
			Nitrobenzene-d5	40	20.34	51		10	135
			2-Nitrophenol-d4	40	23.78	59		10	120
			2,4-Dichlorophenol-d3	40	17.56	44		10	140
			4-Chloroaniline-d4	40	12.15	30		1	145
			Dimethylphthalate-d6	40	21.55	54		10	145
			Acenaphthylene-d8	40	21.77	54		15	120
			4-Nitrophenol-d4	40	16.24	41		10	150
			Fluorene-d10	40	19.26	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.68	22		10	130
			Anthracene-d10	40	20.97	52		10	150
			Pyrene-d10	40	21.75	54		10	130
			Benzo(a)pyrene-d12	40	20.21	51		10	140
P5066-09	E28M8	BG063610.D	1,4-Dioxane-d8	8	2.79	35		15	120
			Pyridine-d5	40	12.84	32		20	120
			Phenol-d5	40	15.60	39		10	130

Surrogate Summary

SW-846

SDG No.: BG120924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5066-09	E28M8	BG063610.D	Bis(2-Chloroethyl)ether-d8	40	15.15	38		10	150
			2-Chlorophenol-d4	40	16.72	42		15	120
			4-Methylphenol-d8	40	16.76	42		10	140
			Nitrobenzene-d5	40	15.13	38		10	135
			2-Nitrophenol-d4	40	18.13	45		10	120
			2,4-Dichlorophenol-d3	40	15.69	39		10	140
			4-Chloroaniline-d4	40	14.69	37		1	145
			Dimethylphthalate-d6	40	17.81	45		10	145
			Acenaphthylene-d8	40	18.73	47		15	120
			4-Nitrophenol-d4	40	15.02	38		10	150
			Fluorene-d10	40	16.77	42		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.75	22		10	130
			Anthracene-d10	40	18.35	46		10	150
			Pyrene-d10	40	20.37	51		10	130
			Benzo(a)pyrene-d12	40	17.60	44		10	140
P5066-12	E28N0	BG063622.D	1,4-Dioxane-d8	8	4.65	58		15	120
			Pyridine-d5	40	17.67	44		20	120
			Phenol-d5	40	27.72	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.42	69		10	150
			2-Chlorophenol-d4	40	29.16	73		15	120
			4-Methylphenol-d8	40	27.21	68		10	140
			Nitrobenzene-d5	40	28.88	72		10	135
			2-Nitrophenol-d4	40	29.61	74		10	120
			2,4-Dichlorophenol-d3	40	27.13	68		10	140
			4-Chloroaniline-d4	40	25.49	64		1	145
			Dimethylphthalate-d6	40	30.83	77		10	145
			Acenaphthylene-d8	40	32.32	81		15	120
			4-Nitrophenol-d4	40	28.65	72		10	150
			Fluorene-d10	40	28.28	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.35	51		10	130
			Anthracene-d10	40	29.60	74		10	150
			Pyrene-d10	40	30.98	77		10	130
P5066-13	E28N1	BG063625.D	Benzo(a)pyrene-d12	40	27.20	68		10	140
			1,4-Dioxane-d8	8	5.62	70		15	120
			Pyridine-d5	40	23.50	59		20	120
			Phenol-d5	40	40.34	101		10	130
			Bis(2-Chloroethyl)ether-d8	40	39.43	99		10	150
			2-Chlorophenol-d4	40	42.00	105		15	120
			4-Methylphenol-d8	40	45.61	114		10	140
			Nitrobenzene-d5	40	44.28	111		10	135
			2-Nitrophenol-d4	40	46.64	117		10	120
			2,4-Dichlorophenol-d3	40	40.49	101		10	140
			4-Chloroaniline-d4	40	36.79	92		1	145
			Dimethylphthalate-d6	40	45.36	113		10	145
			Acenaphthylene-d8	40	47.06	118		15	120
			4-Nitrophenol-d4	40	46.14	115		10	150
			Fluorene-d10	40	41.52	104		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.07	55		10	130
			Anthracene-d10	40	45.35	113		10	150

Surrogate Summary

SW-846

SDG No.: **BG120924**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5066-13	E28N1	BG063625.D	Pyrene-d10	40	46.81	117		10	130
			Benzo(a)pyrene-d12	40	44.89	112		10	140
P5066-15	E28N3	BG063611.D	1,4-Dioxane-d8	8	3.13	39		15	120
			Pyridine-d5	40	11.56	29		20	120
			Phenol-d5	40	18.06	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.83	47		10	150
			2-Chlorophenol-d4	40	20.58	51		15	120
			4-Methylphenol-d8	40	18.78	47		10	140
			Nitrobenzene-d5	40	19.62	49		10	135
			2-Nitrophenol-d4	40	18.70	47		10	120
			2,4-Dichlorophenol-d3	40	17.93	45		10	140
			4-Chloroaniline-d4	40	18.20	45		1	145
			Dimethylphthalate-d6	40	19.58	49		10	145
			Acenaphthylene-d8	40	21.93	55		15	120
			4-Nitrophenol-d4	40	9.87	25		10	150
			Fluorene-d10	40	18.42	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.96	15		10	130
			Anthracene-d10	40	20.30	51		10	150
			Pyrene-d10	40	22.33	56		10	130
			Benzo(a)pyrene-d12	40	20.15	50		10	140
P5066-16	E28N4	BG063613.D	1,4-Dioxane-d8	8	2.71	34		15	120
			Pyridine-d5	40	13.41	34		20	120
			Phenol-d5	40	15.53	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.25	38		10	150
			2-Chlorophenol-d4	40	17.87	45		15	120
			4-Methylphenol-d8	40	16.96	42		10	140
			Nitrobenzene-d5	40	14.46	36		10	135
			2-Nitrophenol-d4	40	14.42	36		10	120
			2,4-Dichlorophenol-d3	40	15.14	38		10	140
			4-Chloroaniline-d4	40	15.73	39		1	145
			Dimethylphthalate-d6	40	17.14	43		10	145
			Acenaphthylene-d8	40	16.08	40		15	120
			4-Nitrophenol-d4	40	12.97	32		10	150
			Fluorene-d10	40	13.87	35		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.07	13		10	130
			Anthracene-d10	40	14.52	36		10	150
			Pyrene-d10	40	14.33	36		10	130
			Benzo(a)pyrene-d12	40	11.82	30		10	140
P5066-17	E28N5	BG063626.D	1,4-Dioxane-d8	8	4.69	59		15	120
			Pyridine-d5	40	19.82	50		20	120
			Phenol-d5	40	26.78	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.41	66		10	150
			2-Chlorophenol-d4	40	29.03	73		15	120
			4-Methylphenol-d8	40	27.03	68		10	140
			Nitrobenzene-d5	40	27.79	69		10	135
			2-Nitrophenol-d4	40	28.38	71		10	120
			2,4-Dichlorophenol-d3	40	26.05	65		10	140
			4-Chloroaniline-d4	40	25.29	63		1	145
			Dimethylphthalate-d6	40	29.38	73		10	145

Surrogate Summary

SW-846

SDG No.: **BG120924**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5066-17	E28N5	BG063626.D	Acenaphthylene-d8	40	28.07	70		15	120
			4-Nitrophenol-d4	40	24.49	61		10	150
			Fluorene-d10	40	22.80	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.80	32		10	130
			Anthracene-d10	40	24.20	60		10	150
			Pyrene-d10	40	23.71	59		10	130
			Benzo(a)pyrene-d12	40	20.05	50		10	140
P5066-18	E28N6	BG063614.D	1,4-Dioxane-d8	8	2.86	36		15	120
			Pyridine-d5	40	11.59	29		20	120
			Phenol-d5	40	14.62	37		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.80	37		10	150
			2-Chlorophenol-d4	40	15.86	40		15	120
			4-Methylphenol-d8	40	14.81	37		10	140
			Nitrobenzene-d5	40	14.87	37		10	135
			2-Nitrophenol-d4	40	15.91	40		10	120
			2,4-Dichlorophenol-d3	40	13.55	34		10	140
			4-Chloroaniline-d4	40	14.40	36		1	145
			Dimethylphthalate-d6	40	16.21	41		10	145
			Acenaphthylene-d8	40	16.27	41		15	120
			4-Nitrophenol-d4	40	13.89	35		10	150
			Fluorene-d10	40	14.67	37		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.08	20		10	130
			Anthracene-d10	40	16.01	40		10	150
			Pyrene-d10	40	16.32	41		10	130
			Benzo(a)pyrene-d12	40	14.31	36		10	140
			Pyridine-d5	40	19.29	48		20	120
			1,4-Dioxane-d8	8	4.55	57		15	120
P5066-19	E28N7	BG063612.D	Phenol-d5	40	25.75	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.38	63		10	150
			2-Chlorophenol-d4	40	27.72	69		15	120
			4-Methylphenol-d8	40	28.03	70		10	140
			Nitrobenzene-d5	40	27.44	69		10	135
			2-Nitrophenol-d4	40	32.27	81		10	120
			2,4-Dichlorophenol-d3	40	24.89	62		10	140
			4-Chloroaniline-d4	40	18.08	45		1	145
			Dimethylphthalate-d6	40	29.96	75		10	145
			Acenaphthylene-d8	40	30.19	75		15	120
			4-Nitrophenol-d4	40	23.51	59		10	150
			Fluorene-d10	40	25.93	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.93	35		10	130
			Anthracene-d10	40	27.77	69		10	150
			Pyrene-d10	40	29.27	73		10	130
			Benzo(a)pyrene-d12	40	26.73	67		10	140
			Pyridine-d5	40	16.69	42		20	120
			1,4-Dioxane-d8	8	3.65	46		15	120
			Phenol-d5	40	15.72	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.50	56		10	150
P5066-20	E28N8	BG063607.D	2-Chlorophenol-d4	40	12.64	32		15	120
			4-Methylphenol-d8	40	21.52	54		10	140

Surrogate Summary

SW-846

SDG No.: BG120924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5066-20	E28N8	BG063607.D	Nitrobenzene-d5	40	23.01	58		10	135
			2-Nitrophenol-d4	40	6.69	17		10	120
			2,4-Dichlorophenol-d3	40	9.56	24		10	140
			4-Chloroaniline-d4	40	24.89	62		1	145
			Dimethylphthalate-d6	40	25.29	63		10	145
			Acenaphthylene-d8	40	26.79	67		15	120
			4-Nitrophenol-d4	40	3.18	8	*	10	150
			Fluorene-d10	40	22.16	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	1.24	3	*	10	130
			Anthracene-d10	40	25.94	65		10	150
			Pyrene-d10	40	26.81	67		10	130
			Benzo(a)pyrene-d12	40	24.00	60		10	140
P5066-21MS	E28N8MS	BG063608.D	1,4-Dioxane-d8	8	3.89	49		15	120
			Pyridine-d5	40	16.95	42		20	120
			Phenol-d5	40	15.97	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.66	57		10	150
			2-Chlorophenol-d4	40	12.52	31		15	120
			4-Methylphenol-d8	40	21.68	54		10	140
			Nitrobenzene-d5	40	23.00	57		10	135
			2-Nitrophenol-d4	40	6.94	17		10	120
			2,4-Dichlorophenol-d3	40	10.81	27		10	140
			4-Chloroaniline-d4	40	21.19	53		1	145
			Dimethylphthalate-d6	40	23.51	59		10	145
			Acenaphthylene-d8	40	24.67	62		15	120
			4-Nitrophenol-d4	40	4.87	12		10	150
			Fluorene-d10	40	20.15	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.71	7	*	10	130
			Anthracene-d10	40	23.17	58		10	150
			Pyrene-d10	40	24.24	61		10	130
			Benzo(a)pyrene-d12	40	22.19	55		10	140
P5066-22MSD	E28N8MSD	BG063609.D	1,4-Dioxane-d8	8	3.48	44		15	120
			Pyridine-d5	40	14.03	35		20	120
			Phenol-d5	40	13.56	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.49	46		10	150
			2-Chlorophenol-d4	40	10.16	25		15	120
			4-Methylphenol-d8	40	18.24	46		10	140
			Nitrobenzene-d5	40	19.14	48		10	135
			2-Nitrophenol-d4	40	5.83	15		10	120
			2,4-Dichlorophenol-d3	40	9.75	24		10	140
			4-Chloroaniline-d4	40	17.11	43		1	145
			Dimethylphthalate-d6	40	19.86	50		10	145
			Acenaphthylene-d8	40	20.81	52		15	120
			4-Nitrophenol-d4	40	4.04	10		10	150
			Fluorene-d10	40	17.02	43		20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.25	6	*	10	130
			Anthracene-d10	40	19.42	49		10	150
			Pyrene-d10	40	19.92	50		10	130
			Benzo(a)pyrene-d12	40	18.47	46		10	140
PB165440BL	PB165440BL	BG063605.D	Pyridine-d5	40	21.44	54		20	120

Surrogate Summary

SW-846

SDG No.: BG120924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165440BL	PB165440BL	BG063605.D	1,4-Dioxane-d8	8	4.86	61		15	120
		BG063598.D	Pyridine-d5	40	24.89	62		20	120
			1,4-Dioxane-d8	8	5.44	68		15	120
		BG063621.D	1,4-Dioxane-d8	8	5.12	64		15	120
			Pyridine-d5	40	23.43	59		20	120
			Phenol-d5	40	26.00	65		10	130
		BG063598.D	Phenol-d5	40	25.16	63		10	130
		BG063605.D	Phenol-d5	40	25.57	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.13	58		10	150
		BG063598.D	Bis(2-Chloroethyl)ether-d8	40	23.76	59		10	150
		BG063621.D	Bis(2-Chloroethyl)ether-d8	40	22.59	56		10	150
			2-Chlorophenol-d4	40	27.96	70		15	120
		BG063598.D	2-Chlorophenol-d4	40	25.82	65		15	120
		BG063605.D	2-Chlorophenol-d4	40	28.34	71		15	120
			4-Methylphenol-d8	40	26.99	67		10	140
		BG063598.D	4-Methylphenol-d8	40	23.77	59		10	140
		BG063621.D	4-Methylphenol-d8	40	24.73	62		10	140
			Nitrobenzene-d5	40	24.57	61		10	135
		BG063598.D	Nitrobenzene-d5	40	24.84	62		10	135
		BG063605.D	Nitrobenzene-d5	40	24.82	62		10	135
			2-Nitrophenol-d4	40	23.92	60		10	120
		BG063598.D	2-Nitrophenol-d4	40	25.02	63		10	120
		BG063621.D	2-Nitrophenol-d4	40	24.53	61		10	120
			2,4-Dichlorophenol-d3	40	23.45	59		10	140
		BG063598.D	2,4-Dichlorophenol-d3	40	25.24	63		10	140
		BG063605.D	2,4-Dichlorophenol-d3	40	22.92	57		10	140
			4-Chloroaniline-d4	40	23.96	60		1	145
		BG063598.D	4-Chloroaniline-d4	40	22.60	56		1	145
		BG063621.D	4-Chloroaniline-d4	40	23.45	59		1	145
			Dimethylphthalate-d6	40	21.98	55		10	145
		BG063598.D	Dimethylphthalate-d6	40	24.22	61		10	145
		BG063605.D	Dimethylphthalate-d6	40	22.22	56		10	145
			Acenaphthylene-d8	40	24.86	62		15	120
		BG063598.D	Acenaphthylene-d8	40	24.96	62		15	120
		BG063621.D	Acenaphthylene-d8	40	24.16	60		15	120
			4-Nitrophenol-d4	40	22.38	56		10	150
		BG063598.D	4-Nitrophenol-d4	40	20.89	52		10	150
		BG063605.D	4-Nitrophenol-d4	40	22.03	55		10	150
			Fluorene-d10	40	22.76	57		20	140
		BG063598.D	Fluorene-d10	40	23.14	58		20	140
		BG063621.D	Fluorene-d10	40	22.37	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.93	30		10	130
		BG063598.D	4,6-Dinitro-2-methylphenol-d2	40	16.09	40		10	130
		BG063605.D	4,6-Dinitro-2-methylphenol-d2	40	13.45	34		10	130
			Anthracene-d10	40	24.19	60		10	150
		BG063598.D	Anthracene-d10	40	24.38	61		10	150
		BG063621.D	Anthracene-d10	40	23.85	60		10	150
			Pyrene-d10	40	24.57	61		10	130
		BG063598.D	Pyrene-d10	40	24.99	62		10	130

Surrogate Summary

SW-846

SDG No.: BG120924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165440BL	PB165440BL	BG063605.D	Pyrene-d10	40	26.77	67		10	130
			Benzo(a)pyrene-d12	40	24.26	61		10	140
		BG063598.D	Benzo(a)pyrene-d12	40	23.84	60		10	140
		BG063621.D	Benzo(a)pyrene-d12	40	24.17	60		10	140
PB165440BS	PB165440BS	BG063619.D	1,4-Dioxane-d8	8	4.76	60		15	120
			Pyridine-d5	40	23.54	59		20	120
			Phenol-d5	40	26.64	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.29	56		10	150
			2-Chlorophenol-d4	40	28.53	71		15	120
			4-Methylphenol-d8	40	26.74	67		10	140
			Nitrobenzene-d5	40	24.90	62		10	135
			2-Nitrophenol-d4	40	24.14	60		10	120
			2,4-Dichlorophenol-d3	40	24.89	62		10	140
			4-Chloroaniline-d4	40	22.73	57		1	145
			Dimethylphthalate-d6	40	22.26	56		10	145
			Acenaphthylene-d8	40	24.12	60		15	120
			4-Nitrophenol-d4	40	28.38	71		10	150
			Fluorene-d10	40	21.53	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.81	50		10	130
			Anthracene-d10	40	24.16	60		10	150
			Pyrene-d10	40	25.02	63		10	130
			Benzo(a)pyrene-d12	40	24.44	61		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG120924

Lab Code: CHEM

SAS No.: BG120924

SDG NO.: BG120924

Lab File ID: BG063596.D

DFTPP Injection Date: 12/09/2024

Instrument ID: BNA_G

DFTPP Injection Time: 09:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.7
68	Less than 2.0% of mass 69	0.8 (1.7) 1
69	Mass 69 relative abundance	46.4
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	36.4
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.8
275	10.0 - 60.0% of mass 198	30.4
365	Greater than 1% of mass 198	5.2
441	Present, but less than mass 443	13.8
442	Greater than 50% of mass 198	88
443	15.0 - 24.0% of mass 442	17 (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
SSTD020556	SSTDCCC020	BG063597.D	12/09/2024	11:34
SBLK440	PB165440BL	BG063598.D	12/09/2024	12:12
SBLK438	PB165438BL	BG063599.D	12/09/2024	12:49
E28M1	P5066-02	BG063600.D	12/09/2024	13:27
E28M0ME	P5066-01ME	BG063601.D	12/09/2024	14:05
E28M3	P5066-04	BG063602.D	12/09/2024	14:49
E28M1DL	P5066-02DL	BG063603.D	12/09/2024	15:26
SSTD020557	SSTDCCC020	BG063604.D	12/09/2024	16:12
SBLK440	PB165440BL	BG063605.D	12/09/2024	17:01
SBLK438	PB165438BL	BG063606.D	12/09/2024	17:39
E28N8	P5066-20	BG063607.D	12/09/2024	18:17
E28N8MS	P5066-21MS	BG063608.D	12/09/2024	18:55
E28N8MSD	P5066-22MSD	BG063609.D	12/09/2024	19:32
E28M8	P5066-09	BG063610.D	12/09/2024	20:10
E28N3	P5066-15	BG063611.D	12/09/2024	20:48
E28N7	P5066-19	BG063612.D	12/09/2024	21:25
E28N4	P5066-16	BG063613.D	12/09/2024	22:03
E28N6	P5066-18	BG063614.D	12/09/2024	22:41

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG120924

Lab Code: CHEM

SAS No.: BG120924 SDG NO.: BG120924

Lab File ID: BG063596.D

DFTPP Injection Date: 12/09/2024

Instrument ID: BNA_G

DFTPP Injection Time: 09:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.7
68	Less than 2.0% of mass 69	0.8 (1.7) 1
69	Mass 69 relative abundance	46.4
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	36.4
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.8
275	10.0 - 60.0% of mass 198	30.4
365	Greater than 1% of mass 198	5.2
441	Present, but less than mass 443	13.8
442	Greater than 50% of mass 198	88
443	15.0 - 24.0% of mass 442	17 (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
E28M4	P5066-05	BG063615.D	12/09/2024	23:19
E28M6	P5066-07	BG063616.D	12/09/2024	23:56
E28M7	P5066-08	BG063617.D	12/10/2024	00:34
SLCS438	PB165438BS	BG063618.D	12/10/2024	01:12
SLCS440	PB165440BS	BG063619.D	12/10/2024	01:49
SSTD020558	SSTDCCC020	BG063620.D	12/10/2024	03:42
SBLK440	PB165440BL	BG063621.D	12/10/2024	04:20
E28N0	P5066-12	BG063622.D	12/10/2024	04:58
E28M2	P5066-03	BG063623.D	12/10/2024	05:36
E28M5	P5066-06	BG063624.D	12/10/2024	06:13
E28N1	P5066-13	BG063625.D	12/10/2024	06:51
E28N5	P5066-17	BG063626.D	12/10/2024	07:29