

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG070524 SAS No.: BG070524 SDG No.: BG070524

Instrument ID: BNA_G Calibration Date/Time: 7/5/2024 12:10:54

Lab File ID: BG061894.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020555 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.587	0.580	0.010	-1.249	40.0
Benzaldehyde	1.158	1.181	0.010	1.9303	40.0
Pyridine	1.678	1.589	0.010	-5.3322	40.0
Phenol	2.241	2.106	0.080	-6.0382	20.0
Bis(2-Chloroethyl)ether	1.721	1.581	0.100	-8.1307	20.0
2-Chlorophenol	1.530	1.543	0.200	0.8462	20.0
2-Methylphenol	1.599	1.548	0.010	-3.2121	20.0
2,2-oxybis(1-Chloropropane)	3.761	3.292	0.010	-12.463	40.0
Acetophenone	2.847	2.698	0.060	-5.2256	20.0
4-Methylphenol	1.791	1.662	0.010	-7.198	20.0
N-Nitroso-di-n-propylamine	1.594	1.400	0.050	-12.1258	30.0
Hexachloroethane	0.664	0.631	0.100	-4.9327	20.0
Nitrobenzene	0.432	0.438	0.050	1.4299	25.0
Isophorone	0.975	0.880	0.050	-9.8118	25.0
2-Nitrophenol	0.177	0.179	0.050	1.1757	25.0
2,4-Dimethylphenol	0.424	0.430	0.050	1.4377	25.0
Bis(2-Chloroethoxy)methane	0.537	0.479	0.050	-10.9097	20.0
2,4-Dichlorophenol	0.315	0.319	0.060	1.3699	20.0
Naphthalene	1.099	1.096	0.200	-0.2648	20.0
4-Chloroaniline	0.477	0.462	0.010	-3.1308	40.0
Hexachlorobutadiene	0.237	0.272	0.040	14.6754	30.0
Caprolactam	0.123	0.117	0.010	-5.342	40.0
4-Chloro-3-methylphenol	0.419	0.415	0.040	-0.8995	25.0
1-Methylnaphthalene	0.827	0.830	0.100	0.377	20.0
2-Methylnaphthalene	0.796	0.798	0.100	0.2381	20.0
Hexachlorocyclopentadiene	0.400	0.353	0.010	-11.8153	40.0
2,4,6-Trichlorophenol	0.399	0.426	0.090	6.7052	25.0
2,4,5-Trichlorophenol	0.438	0.441	0.100	0.5594	25.0
1,1-Biphenyl	1.541	1.624	0.200	5.3584	20.0
2-Chloronaphthalene	1.157	1.223	0.300	5.7448	20.0
2-Nitroaniline	0.463	0.497	0.050	7.3934	40.0
Dimethylphthalate	1.582	1.564	0.300	-1.1037	20.0
2,6-Dinitrotoluene	0.300	0.314	0.080	4.5442	30.0
Acenaphthylene	1.887	1.992	0.400	5.5471	20.0
3-Nitroaniline	0.292	0.309	0.010	5.6798	40.0
Acenaphthene	1.303	1.360	0.200	4.3838	20.0
2,4-Dinitrophenol	0.157	0.139	0.010	-11.0341	40.0
4-Nitrophenol	0.300	0.309	0.010	3.0434	40.0
Dibenzofuran	1.842	1.903	0.300	3.3446	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG070524 SAS No.: BG070524 SDG No.: BG070524

Instrument ID: BNA_G Calibration Date/Time: 7/5/2024 12:10:54

Lab File ID: BG061894.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020555 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.440	0.483	0.070	9.8032	30.0
Diethylphthalate	1.704	1.687	0.300	-1.0377	20.0
Fluorene	1.566	1.598	0.200	2.028	20.0
4-Chlorophenyl-phenylether	0.787	0.819	0.100	4.0917	20.0
4-Nitroaniline	0.296	0.298	0.010	0.6944	40.0
4,6-Dinitro-2-methylphenol	0.113	0.119	0.010	5.0588	40.0
N-Nitrosodiphenylamine	0.546	0.549	0.050	0.549	20.0
1,2,4,5-Tetrachlorobenzene	0.601	0.653	0.100	8.7402	20.0
4-Bromophenyl-phenylether	0.227	0.233	0.070	2.6317	20.0
Hexachlorobenzene	0.261	0.285	0.050	9.1079	25.0
Atrazine	0.216	0.233	0.010	8.1667	25.0
Pentachlorophenol	0.143	0.124	0.010	-13.4432	40.0
Phenanthrene	1.055	1.061	0.200	0.6453	20.0
Pentachlorobenzene	0.283	0.304	0.050	7.4133	20.0
Anthracene	1.090	1.074	0.200	-1.4121	20.0
1,2,3,4-Tetrachlorobenzene	0.248	0.272	0.050	9.5997	20.0
Carbazole	0.917	0.936	0.050	2.0206	40.0
Di-n-butylphthalate	1.178	1.117	0.500	-5.1089	25.0
Fluoranthene	1.392	1.388	0.400	-0.3188	25.0
Pyrene	1.438	1.416	0.400	-1.5656	25.0
Butylbenzylphthalate	0.604	0.584	0.100	-3.2327	40.0
3,3-Dichlorobenzidine	0.476	0.547	0.010	14.918	40.0
Benzo (a) anthracene	1.448	1.484	0.300	2.4553	30.0
Chrysene	1.356	1.368	0.200	0.8775	30.0
Bis (2-ethylhexyl) phthalate	0.866	0.827	0.200	-4.5027	40.0
Di-n-octyl phthalate	1.222	1.204	0.010	-1.4398	40.0
Benzo (b) fluoranthene	1.260	1.252	0.200	-0.6506	25.0
Benzo (k) fluoranthene	1.257	1.266	0.200	0.7779	25.0
Benzo (a) pyrene	1.193	1.199	0.200	0.4469	20.0
Indeno (1,2,3-cd) pyrene	1.525	1.561	0.200	2.3485	25.0
Dibenzo (a,h) anthracene	1.259	1.266	0.200	0.5127	30.0
Benzo (g,h,i) perylene	1.213	1.243	0.200	2.4643	30.0
2,3,4,6-Tetrachlorophenol	0.396	0.378	0.040	-4.5384	20.0
1,4-Dioxane-d8	0.532	0.560	0.010	5.1327	25.0
Pyridine-d5	1.636	1.524	0.010	-6.9026	40.0
Phenol-d5	2.189	2.010	0.010	-8.1552	25.0
Bis- (2-Chloroethyl) ether-d8	1.386	1.239	0.050	-10.6205	25.0
2-Chlorophenol-d4	1.501	1.491	0.200	-0.7011	20.0
4-Methylphenol-d8	1.723	1.640	0.010	-4.8173	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BG070524 SAS No.: BG070524 SDG No.: BG070524
 Instrument ID: BNA_G Calibration Date/Time: 7/5/2024 12:10:54
 Lab File ID: BG061894.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020555 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.152	0.152	0.050	-0.1637	20.0
2-Nitrophenol-d4	0.174	0.182	0.050	4.7213	30.0
2,4-Dichlorophenol-d3	0.335	0.353	0.060	5.4208	20.0
4-Chloroaniline-d4	0.486	0.473	0.010	-2.7656	40.0
Dimethylphthalate-d6	1.644	1.634	0.300	-0.6133	20.0
Acenaphthylene-d8	1.719	1.809	0.400	5.2209	20.0
4-Nitrophenol-d4	0.263	0.254	0.010	-3.3905	40.0
Fluorene-d10	1.384	1.440	0.100	4.0432	20.0
4,6-Dinitro-2-methylphenol-d2	0.105	0.108	0.010	2.8621	40.0
Anthracene-d10	0.934	0.933	0.300	-0.1217	20.0
Pyrene-d10	1.176	1.192	0.300	1.339	25.0
Benzo(a)pyrene-d12	0.992	1.000	0.010	0.8014	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.: BG070524 SAS No.: BG070524 SDG No.: BG070524

Instrument ID: BNA_G Calibration Date/Time: 7/5/2024 12:18:26

Lab File ID: BG061901.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	0.587	0.560	0.010	-4.7115	40.0
Benzaldehyde	1.158	1.246	0.010	7.5396	40.0
Pyridine	1.678	1.561	0.010	-6.9864	40.0
Phenol	2.241	2.076	0.080	-7.3352	20.0
Bis(2-Chloroethyl)ether	1.721	1.591	0.100	-7.5851	20.0
2-Chlorophenol	1.530	1.504	0.200	-1.6404	20.0
2-Methylphenol	1.599	1.619	0.010	1.2074	20.0
2,2-oxybis(1-Chloropropane)	3.761	3.418	0.010	-9.1216	40.0
Acetophenone	2.847	2.906	0.060	2.0857	20.0
4-Methylphenol	1.791	1.764	0.010	-1.5147	20.0
N-Nitroso-di-n-propylamine	1.594	1.526	0.050	-4.2761	30.0
Hexachloroethane	0.664	0.664	0.100	0.0093	20.0
Nitrobenzene	0.432	0.447	0.050	3.5213	25.0
Isophorone	0.975	0.893	0.050	-8.469	25.0
2-Nitrophenol	0.177	0.184	0.050	3.982	25.0
2,4-Dimethylphenol	0.424	0.425	0.050	0.1657	25.0
Bis(2-Chloroethoxy)methane	0.537	0.477	0.050	-11.2565	20.0
2,4-Dichlorophenol	0.315	0.331	0.060	5.1568	20.0
Naphthalene	1.099	1.100	0.200	0.126	20.0
4-Chloroaniline	0.477	0.468	0.010	-1.8882	40.0
Hexachlorobutadiene	0.237	0.265	0.040	11.8792	30.0
Caprolactam	0.123	0.128	0.010	3.8356	40.0
4-Chloro-3-methylphenol	0.419	0.444	0.040	5.9736	25.0
1-Methylnaphthalene	0.827	0.854	0.100	3.25	20.0
2-Methylnaphthalene	0.796	0.810	0.100	1.8215	20.0
Hexachlorocyclopentadiene	0.400	0.363	0.010	-9.2217	40.0
2,4,6-Trichlorophenol	0.399	0.393	0.090	-1.5305	25.0
2,4,5-Trichlorophenol	0.438	0.459	0.100	4.7582	25.0
1,1-Biphenyl	1.541	1.507	0.200	-2.2333	20.0
2-Chloronaphthalene	1.157	1.149	0.300	-0.6764	20.0
2-Nitroaniline	0.463	0.487	0.050	5.0608	40.0
Dimethylphthalate	1.582	1.530	0.300	-3.2524	20.0
2,6-Dinitrotoluene	0.300	0.331	0.080	10.4648	30.0
Acenaphthylene	1.887	1.881	0.400	-0.3225	20.0
3-Nitroaniline	0.292	0.310	0.010	6.0529	40.0
Acenaphthene	1.303	1.324	0.200	1.6255	20.0
2,4-Dinitrophenol	0.157	0.154	0.010	-1.9178	40.0
4-Nitrophenol	0.300	0.331	0.010	10.3288	40.0
Dibenzofuran	1.842	1.839	0.300	-0.1142	20.0

7C

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG070524 SAS No.: BG070524 SDG No.: BG070524

Instrument ID: BNA_G Calibration Date/Time: 7/5/2024 12:18:26

Lab File ID: BG061901.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	0.440	0.490	0.070	11.253	30.0
Diethylphthalate	1.704	1.724	0.300	1.1508	20.0
Fluorene	1.566	1.605	0.200	2.4975	20.0
4-Chlorophenyl-phenylether	0.787	0.824	0.100	4.7677	20.0
4-Nitroaniline	0.296	0.327	0.010	10.3135	40.0
4,6-Dinitro-2-methylphenol	0.113	0.121	0.010	7.185	40.0
N-Nitrosodiphenylamine	0.546	0.544	0.050	-0.3661	20.0
1,2,4,5-Tetrachlorobenzene	0.601	0.610	0.100	1.4882	20.0
4-Bromophenyl-phenylether	0.227	0.247	0.070	8.7438	20.0
Hexachlorobenzene	0.261	0.280	0.050	7.5004	25.0
Atrazine	0.216	0.222	0.010	3.0365	25.0
Pentachlorophenol	0.143	0.130	0.010	-9.2051	40.0
Phenanthrene	1.055	1.062	0.200	0.7058	20.0
Pentachlorobenzene	0.283	0.296	0.050	4.6035	20.0
Anthracene	1.090	1.068	0.200	-1.9753	20.0
1,2,3,4-Tetrachlorobenzene	0.248	0.256	0.050	3.1181	20.0
Carbazole	0.917	0.921	0.050	0.3879	40.0
Di-n-butylphthalate	1.178	1.132	0.500	-3.8987	25.0
Fluoranthene	1.392	1.387	0.400	-0.3875	25.0
Pyrene	1.438	1.425	0.400	-0.9206	25.0
Butylbenzylphthalate	0.604	0.587	0.100	-2.7894	40.0
3,3-Dichlorobenzidine	0.476	0.536	0.010	12.5859	40.0
Benzo (a) anthracene	1.448	1.468	0.300	1.3839	30.0
Chrysene	1.356	1.362	0.200	0.4925	30.0
Bis (2-ethylhexyl) phthalate	0.866	0.844	0.200	-2.5424	40.0
Di-n-octyl phthalate	1.222	1.198	0.010	-1.9456	40.0
Benzo (b) fluoranthene	1.260	1.257	0.200	-0.2144	25.0
Benzo (k) fluoranthene	1.257	1.231	0.200	-2.0173	25.0
Benzo (a) pyrene	1.193	1.177	0.200	-1.3364	20.0
Indeno (1,2,3-cd) pyrene	1.525	1.516	0.200	-0.573	25.0
Dibenzo (a,h) anthracene	1.259	1.268	0.200	0.6833	30.0
Benzo (g,h,i) perylene	1.213	1.217	0.200	0.3199	30.0
2,3,4,6-Tetrachlorophenol	0.396	0.408	0.040	3.211	20.0
1,4-Dioxane-d8	0.532	0.501	0.010	-5.8627	25.0
Pyridine-d5	1.636	1.491	0.010	-8.8594	40.0
Phenol-d5	2.189	2.120	0.010	-3.132	25.0
Bis- (2-Chloroethyl) ether-d8	1.386	1.300	0.050	-6.2226	25.0
2-Chlorophenol-d4	1.501	1.514	0.200	0.8578	20.0
4-Methylphenol-d8	1.723	1.728	0.010	0.276	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG070524 SAS No.: BG070524 SDG No.: BG070524

Instrument ID: BNA_G Calibration Date/Time: 7/5/2024 12:18:26

Lab File ID: BG061901.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	0.152	0.141	0.050	-7.0618	20.0
2-Nitrophenol-d4	0.174	0.175	0.050	0.7621	30.0
2,4-Dichlorophenol-d3	0.335	0.354	0.060	5.5805	20.0
4-Chloroaniline-d4	0.486	0.489	0.010	0.5672	40.0
Dimethylphthalate-d6	1.644	1.611	0.300	-2.0254	20.0
Acenaphthylene-d8	1.719	1.766	0.400	2.6879	20.0
4-Nitrophenol-d4	0.263	0.259	0.010	-1.1884	40.0
Fluorene-d10	1.384	1.419	0.100	2.5171	20.0
4,6-Dinitro-2-methylphenol-d2	0.105	0.112	0.010	6.162	40.0
Anthracene-d10	0.934	0.931	0.300	-0.2965	20.0
Pyrene-d10	1.176	1.191	0.300	1.2534	25.0
Benzo(a)pyrene-d12	0.992	0.992	0.010	-0.0163	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.: BG070524 SAS No.: BG070524 SDG No.: BG070524

Instrument ID: BNA_G Calibration Date/Time: 7/6/2024 12:05:59

Lab File ID: BG061917.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	0.587	0.557	0.010	-5.1305	40.0
Benzaldehyde	1.158	1.185	0.010	2.3245	40.0
Pyridine	1.678	1.371	0.010	-18.3316	40.0
Phenol	2.241	1.981	0.080	-11.5914	20.0
Bis(2-Chloroethyl)ether	1.721	1.546	0.100	-10.1952	20.0
2-Chlorophenol	1.530	1.485	0.200	-2.9307	20.0
2-Methylphenol	1.599	1.471	0.010	-8.0129	20.0
2,2-oxybis(1-Chloropropane)	3.761	3.116	0.010	-17.1427	40.0
Acetophenone	2.847	2.621	0.060	-7.9297	20.0
4-Methylphenol	1.791	1.645	0.010	-8.1508	20.0
N-Nitroso-di-n-propylamine	1.594	1.396	0.050	-12.4	30.0
Hexachloroethane	0.664	0.659	0.100	-0.7113	20.0
Nitrobenzene	0.432	0.447	0.050	3.4446	25.0
Isophorone	0.975	0.862	0.050	-11.6244	25.0
2-Nitrophenol	0.177	0.179	0.050	1.1177	25.0
2,4-Dimethylphenol	0.424	0.430	0.050	1.317	25.0
Bis(2-Chloroethoxy)methane	0.537	0.465	0.050	-13.3854	20.0
2,4-Dichlorophenol	0.315	0.312	0.060	-0.7303	20.0
Naphthalene	1.099	1.081	0.200	-1.5975	20.0
4-Chloroaniline	0.477	0.456	0.010	-4.5419	40.0
Hexachlorobutadiene	0.237	0.258	0.040	8.8507	30.0
Caprolactam	0.123	0.118	0.010	-4.5269	40.0
4-Chloro-3-methylphenol	0.419	0.423	0.040	1.0275	25.0
1-Methylnaphthalene	0.827	0.849	0.100	2.596	20.0
2-Methylnaphthalene	0.796	0.801	0.100	0.669	20.0
Hexachlorocyclopentadiene	0.400	0.321	0.010	-19.7788	40.0
2,4,6-Trichlorophenol	0.399	0.422	0.090	5.6675	25.0
2,4,5-Trichlorophenol	0.438	0.430	0.100	-1.9364	25.0
1,1-Biphenyl	1.541	1.511	0.200	-1.9202	20.0
2-Chloronaphthalene	1.157	1.199	0.300	3.6421	20.0
2-Nitroaniline	0.463	0.505	0.050	9.0581	40.0
Dimethylphthalate	1.582	1.515	0.300	-4.1905	20.0
2,6-Dinitrotoluene	0.300	0.310	0.080	3.3409	30.0
Acenaphthylene	1.887	1.846	0.400	-2.1997	20.0
3-Nitroaniline	0.292	0.319	0.010	9.336	40.0
Acenaphthene	1.303	1.325	0.200	1.7049	20.0
2,4-Dinitrophenol	0.157	0.148	0.010	-5.6695	40.0
4-Nitrophenol	0.300	0.331	0.010	10.5163	40.0
Dibenzofuran	1.842	1.835	0.300	-0.3775	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG070524 SAS No.: BG070524 SDG No.: BG070524

Instrument ID: BNA_G Calibration Date/Time: 7/6/2024 12:05:59

Lab File ID: BG061917.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	0.440	0.487	0.070	10.6995	30.0
Diethylphthalate	1.704	1.662	0.300	-2.4554	20.0
Fluorene	1.566	1.563	0.200	-0.2302	20.0
4-Chlorophenyl-phenylether	0.787	0.823	0.100	4.6278	20.0
4-Nitroaniline	0.296	0.298	0.010	0.5157	40.0
4,6-Dinitro-2-methylphenol	0.113	0.123	0.010	8.5426	40.0
N-Nitrosodiphenylamine	0.546	0.560	0.050	2.5579	20.0
1,2,4,5-Tetrachlorobenzene	0.601	0.660	0.100	9.9357	20.0
4-Bromophenyl-phenylether	0.227	0.250	0.070	10.1088	20.0
Hexachlorobenzene	0.261	0.284	0.050	8.751	25.0
Atrazine	0.216	0.226	0.010	4.7329	25.0
Pentachlorophenol	0.143	0.146	0.010	1.7813	40.0
Phenanthrene	1.055	1.086	0.200	2.9924	20.0
Pentachlorobenzene	0.283	0.318	0.050	12.2742	20.0
Anthracene	1.090	1.102	0.200	1.1088	20.0
1,2,3,4-Tetrachlorobenzene	0.248	0.280	0.050	12.7517	20.0
Carbazole	0.917	0.943	0.050	2.822	40.0
Di-n-butylphthalate	1.178	1.156	0.500	-1.8149	25.0
Fluoranthene	1.392	1.356	0.400	-2.6332	25.0
Pyrene	1.438	1.393	0.400	-3.15	25.0
Butylbenzylphthalate	0.604	0.572	0.100	-5.2246	40.0
3,3-Dichlorobenzidine	0.476	0.533	0.010	12.0841	40.0
Benzo (a) anthracene	1.448	1.438	0.300	-0.7163	30.0
Chrysene	1.356	1.367	0.200	0.8381	30.0
Bis (2-ethylhexyl) phthalate	0.866	0.825	0.200	-4.7476	40.0
Di-n-octyl phthalate	1.222	1.182	0.010	-3.2674	40.0
Benzo (b) fluoranthene	1.260	1.251	0.200	-0.7406	25.0
Benzo (k) fluoranthene	1.257	1.243	0.200	-1.0695	25.0
Benzo (a) pyrene	1.193	1.188	0.200	-0.4092	20.0
Indeno (1,2,3-cd) pyrene	1.525	1.549	0.200	1.557	25.0
Dibenzo (a,h) anthracene	1.259	1.279	0.200	1.5225	30.0
Benzo (g,h,i) perylene	1.213	1.231	0.200	1.4971	30.0
2,3,4,6-Tetrachlorophenol	0.396	0.420	0.040	6.14	20.0
1,4-Dioxane-d8	0.532	0.489	0.010	-8.145	25.0
Pyridine-d5	1.636	1.382	0.010	-15.5688	40.0
Phenol-d5	2.189	2.044	0.010	-6.6303	25.0
Bis- (2-Chloroethyl) ether-d8	1.386	1.200	0.050	-13.4455	25.0
2-Chlorophenol-d4	1.501	1.477	0.200	-1.5897	20.0
4-Methylphenol-d8	1.723	1.594	0.010	-7.4915	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG070524 SAS No.: BG070524 SDG No.: BG070524
Instrument ID: BNA_G Calibration Date/Time: 7/6/2024 12:05:59
Lab File ID: BG061917.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	0.152	0.157	0.050	2.9602	20.0
2-Nitrophenol-d4	0.174	0.184	0.050	5.8388	30.0
2,4-Dichlorophenol-d3	0.335	0.349	0.060	4.1507	20.0
4-Chloroaniline-d4	0.486	0.475	0.010	-2.2955	40.0
Dimethylphthalate-d6	1.644	1.580	0.300	-3.8883	20.0
Acenaphthylene-d8	1.719	1.768	0.400	2.8048	20.0
4-Nitrophenol-d4	0.263	0.247	0.010	-6.0007	40.0
Fluorene-d10	1.384	1.390	0.100	0.408	20.0
4,6-Dinitro-2-methylphenol-d2	0.105	0.118	0.010	11.9849	40.0
Anthracene-d10	0.934	0.968	0.300	3.6381	20.0
Pyrene-d10	1.176	1.128	0.300	-4.1439	25.0
Benzo(a)pyrene-d12	0.992	1.012	0.010	2.0272	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.: BG070524 SAS No.: BG070524 SDG No.: BG070524

Instrument ID: BNA_G Calibration Date/Time: 7/6/2024 12:17:26

Lab File ID: BG061933.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	0.587	0.609	0.010	3.6907	50.0
Benzaldehyde	1.158	1.253	0.010	8.1546	50.0
Pyridine	1.678	1.409	0.010	-16.0389	50.0
Phenol	2.241	2.173	0.080	-3.0229	50.0
Bis(2-Chloroethyl)ether	1.721	1.589	0.100	-7.7236	50.0
2-Chlorophenol	1.530	1.561	0.200	2.0619	50.0
2-Methylphenol	1.599	1.622	0.010	1.4335	50.0
2,2-oxybis(1-Chloropropane)	3.761	3.431	0.010	-8.7745	50.0
Acetophenone	2.847	2.829	0.060	-0.6177	50.0
4-Methylphenol	1.791	1.844	0.010	2.9299	50.0
N-Nitroso-di-n-propylamine	1.594	1.497	0.050	-6.0945	50.0
Hexachloroethane	0.664	0.697	0.100	5.1172	50.0
Nitrobenzene	0.432	0.463	0.050	7.1838	50.0
Isophorone	0.975	0.901	0.050	-7.6105	50.0
2-Nitrophenol	0.177	0.187	0.050	5.345	50.0
2,4-Dimethylphenol	0.424	0.441	0.050	4.1118	50.0
Bis(2-Chloroethoxy)methane	0.537	0.492	0.050	-8.4478	50.0
2,4-Dichlorophenol	0.315	0.333	0.060	5.8835	50.0
Naphthalene	1.099	1.117	0.200	1.688	50.0
4-Chloroaniline	0.477	0.477	0.010	-0.1341	50.0
Hexachlorobutadiene	0.237	0.262	0.040	10.4803	50.0
Caprolactam	0.123	0.127	0.010	2.9398	50.0
4-Chloro-3-methylphenol	0.419	0.457	0.040	9.0651	50.0
1-Methylnaphthalene	0.827	0.892	0.100	7.8515	50.0
2-Methylnaphthalene	0.796	0.834	0.100	4.8352	50.0
Hexachlorocyclopentadiene	0.400	0.269	0.010	-32.7068	50.0
2,4,6-Trichlorophenol	0.399	0.425	0.090	6.6084	50.0
2,4,5-Trichlorophenol	0.438	0.448	0.100	2.2858	50.0
1,1-Biphenyl	1.541	1.492	0.200	-3.1983	50.0
2-Chloronaphthalene	1.157	1.145	0.300	-0.9608	50.0
2-Nitroaniline	0.463	0.493	0.050	6.4251	50.0
Dimethylphthalate	1.582	1.502	0.300	-5.0478	50.0
2,6-Dinitrotoluene	0.300	0.339	0.080	12.9142	50.0
Acenaphthylene	1.887	1.853	0.400	-1.8203	50.0
3-Nitroaniline	0.292	0.317	0.010	8.4208	50.0
Acenaphthene	1.303	1.311	0.200	0.6316	50.0
2,4-Dinitrophenol	0.157	0.151	0.010	-3.9295	50.0
4-Nitrophenol	0.300	0.341	0.010	13.8327	50.0
Dibenzofuran	1.842	1.828	0.300	-0.7536	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG070524 SAS No.: BG070524 SDG No.: BG070524

Instrument ID: BNA_G Calibration Date/Time: 7/6/2024 12:17:26

Lab File ID: BG061933.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	0.440	0.500	0.070	13.625	50.0
Diethylphthalate	1.704	1.643	0.300	-3.5749	50.0
Fluorene	1.566	1.563	0.200	-0.2148	50.0
4-Chlorophenyl-phenylether	0.787	0.775	0.100	-1.5138	50.0
4-Nitroaniline	0.296	0.317	0.010	6.8685	50.0
4,6-Dinitro-2-methylphenol	0.113	0.124	0.010	9.9364	50.0
N-Nitrosodiphenylamine	0.546	0.548	0.050	0.3164	50.0
1,2,4,5-Tetrachlorobenzene	0.601	0.649	0.100	8.1003	50.0
4-Bromophenyl-phenylether	0.227	0.242	0.070	6.6649	50.0
Hexachlorobenzene	0.261	0.289	0.050	10.8873	50.0
Atrazine	0.216	0.234	0.010	8.495	50.0
Pentachlorophenol	0.143	0.138	0.010	-3.7497	50.0
Phenanthrene	1.055	1.076	0.200	2.0564	50.0
Pentachlorobenzene	0.283	0.320	0.050	12.7789	50.0
Anthracene	1.090	1.114	0.200	2.2272	50.0
1,2,3,4-Tetrachlorobenzene	0.248	0.277	0.050	11.6838	50.0
Carbazole	0.917	0.934	0.050	1.8362	50.0
Di-n-butylphthalate	1.178	1.171	0.500	-0.5902	50.0
Fluoranthene	1.392	1.370	0.400	-1.5729	50.0
Pyrene	1.438	1.421	0.400	-1.18	50.0
Butylbenzylphthalate	0.604	0.576	0.100	-4.6421	50.0
3,3-Dichlorobenzidine	0.476	0.528	0.010	10.8914	50.0
Benzo (a) anthracene	1.448	1.439	0.300	-0.6432	50.0
Chrysene	1.356	1.355	0.200	-0.0654	50.0
Bis(2-ethylhexyl)phthalate	0.866	0.822	0.200	-5.0807	50.0
Di-n-octyl phthalate	1.222	1.226	0.010	0.3603	50.0
Benzo (b) fluoranthene	1.260	1.241	0.200	-1.5495	50.0
Benzo (k) fluoranthene	1.257	1.293	0.200	2.8843	50.0
Benzo (a) pyrene	1.193	1.213	0.200	1.6816	50.0
Indeno (1,2,3-cd) pyrene	1.525	1.549	0.200	1.5916	50.0
Dibenzo (a,h) anthracene	1.259	1.307	0.200	3.8189	50.0
Benzo (g,h,i) perylene	1.213	1.218	0.200	0.4265	50.0
2,3,4,6-Tetrachlorophenol	0.396	0.411	0.040	3.7831	50.0
Pyridine-d5	1.636	1.347	0.010	-17.6851	50.0
1,4-Dioxane-d8	0.532	0.471	0.010	-11.5458	50.0
Phenol-d5	2.189	2.150	0.010	-1.7696	50.0
Bis- (2-Chloroethyl) ether-d8	1.386	1.305	0.050	-5.8144	50.0
2-Chlorophenol-d4	1.501	1.565	0.200	4.2358	50.0
4-Methylphenol-d8	1.723	1.752	0.010	1.6902	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BG070524 SAS No.: BG070524 SDG No.: BG070524
 Instrument ID: BNA_G Calibration Date/Time: 7/6/2024 12:17:26
 Lab File ID: BG061933.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	0.152	0.163	0.050	7.1547	50.0
2-Nitrophenol-d4	0.174	0.188	0.050	8.1659	50.0
2,4-Dichlorophenol-d3	0.335	0.388	0.060	15.6821	50.0
4-Chloroaniline-d4	0.486	0.500	0.010	2.7237	50.0
Dimethylphthalate-d6	1.644	1.611	0.300	-2.051	50.0
Acenaphthylene-d8	1.719	1.778	0.400	3.4	50.0
4-Nitrophenol-d4	0.263	0.267	0.010	1.4998	50.0
Fluorene-d10	1.384	1.400	0.100	1.1619	50.0
4,6-Dinitro-2-methylphenol-d2	0.105	0.115	0.010	9.7725	50.0
Anthracene-d10	0.934	0.947	0.300	1.4517	50.0
Pyrene-d10	1.176	1.157	0.300	-1.6701	50.0
Benzo(a)pyrene-d12	0.992	1.017	0.010	2.5307	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	SBLK678	SDG No.:	BG070524
Lab Sample ID:	PB161678BL	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
BG061895.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

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

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	SBLK678	SDG No.:	BG070524
Lab Sample ID:	PB161678BL	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
BG061895.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

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

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	SBLK678	SDG No.:	BG070524
Lab Sample ID:	PB161678BL	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
BG061895.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

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	4.907		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	22.439		20-120		56	SPK: -40
4165-62-2	Phenol-d5	24.905		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.174		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.358		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	25.829		10-140		65	SPK: -40
4165-60-0	Nitrobenzene-d5	27.528		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.15		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.184		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.595		1-145		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.596		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	27.598		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.122		10-150		65	SPK: -40
81103-79-9	Fluorene-d10	28.715		20-140		72	SPK: -40

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	SBLK678	SDG No.:	BG070524
Lab Sample ID:	PB161678BL	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
BG061895.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.064		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	28.598		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	28.463		10-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.792		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	35465	8.096				
1146-65-2	Naphthalene-d8	181346	10.905				
15067-26-2	Acenaphthene-d10	134351	14.718				
1517-22-2	Phenanthrene-d10	324302	17.456				
1719-03-5	Chrysene-d12	292613	21.716				
1520-96-3	Perylene-d12	354683	24.953				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4DJ2	SDG No.:	BG070524
Lab Sample ID:	P3010-26	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.3 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061896.D	1	6/25/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	6.5	66	ug/Kg
100-52-7	Benzaldehyde	57	U	57	81.7	330	ug/Kg
110-86-1	Pyridine	76	U	76	160	330	ug/Kg
108-95-2	Phenol	1700		30	81.7	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	3100		29	81.7	330	ug/Kg
95-57-8	2-Chlorophenol	1400		28	42.1	170	ug/Kg
95-48-7	2-Methylphenol	31	U	31	81.7	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	81.7	330	ug/Kg
98-86-2	Acetophenone	65	U	65	81.7	330	ug/Kg
106-44-5	4-Methylphenol	52	U	52	81.7	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	5300	E	78	42.1	170	ug/Kg
67-72-1	Hexachloroethane	60	U	60	42.1	170	ug/Kg
98-95-3	Nitrobenzene	3900	E	63	42.1	170	ug/Kg
78-59-1	Isophorone	65	U	65	42.1	170	ug/Kg
88-75-5	2-Nitrophenol	4600	E	59	42.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	42.1	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	3000	E	45	42.1	170	ug/Kg
120-83-2	2,4-Dichlorophenol	4800	E	38	42.1	170	ug/Kg
91-20-3	Naphthalene	24	U	24	42.1	170	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	42.1	330	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	42.1	170	ug/Kg
105-60-2	Caprolactam	63	U	63	81.7	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	4800	E	41	42.1	170	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	42.1	170	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	42.1	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	96	U	96	81.7	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2200		24	42.1	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3200	E	33	42.1	170	ug/Kg



Client:			Date Collected:	6/24/2024 12:00:00 AM		
Project:			Date Received:	6/24/2024 12:00:00 AM		
Client Sample ID:	A4DJ2		SDG No.:	BG070524		
Lab Sample ID:	P3010-26		Matrix:	Solid		
Analytical Method:	SFAM_SVOC		% Moisture:	0		
Sample Wt/Vol:	30.3	Units:	g	Final Vol:	500	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061896.D	1	6/25/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	42.1	170	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	42.1	170	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	42.1	170	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	42.1	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	3600	E	20	42.1	170	ug/Kg
208-96-8	Acenaphthylene	29	U	29	42.1	170	ug/Kg
99-09-2	3-Nitroaniline	65	U	65	81.7	330	ug/Kg
83-32-9	Acenaphthene	5000	E	26	42.1	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	81.7	330	ug/Kg
100-02-7	4-Nitrophenol	3400		44	81.7	330	ug/Kg
132-64-9	Dibenzofuran	27	U	27	42.1	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	6400	E	35	42.1	170	ug/Kg
84-66-2	Diethylphthalate	2100		33	42.1	170	ug/Kg
86-73-7	Fluorene	3600	E	27	42.1	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.1	170	ug/Kg
100-01-6	4-Nitroaniline	24	U	24	81.7	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38	U	38	81.7	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	24	U	24	42.1	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	42.1	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2700	E	26	42.1	170	ug/Kg
118-74-1	Hexachlorobenzene	28	U	28	42.1	170	ug/Kg
1912-24-9	Atrazine	28	U	28	81.7	330	ug/Kg
87-86-5	Pentachlorophenol	5500	E	87	81.7	330	ug/Kg
85-01-8	Phenanthrene	3600	E	27	42.1	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	42.1	170	ug/Kg
120-12-7	Anthracene	1300		25	42.1	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	42.1	170	ug/Kg
86-74-8	Carbazole	34	U	34	81.7	330	ug/Kg
84-74-2	Di-n-butylphthalate	5300	E	27	42.1	170	ug/Kg
206-44-0	Fluoranthene	2700	E	19	81.7	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4DJ2	SDG No.:	BG070524
Lab Sample ID:	P3010-26	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.3 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061896.D	1	6/25/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	5700	E	18	42.1	170	ug/Kg
85-68-7	Butylbenzylphthalate	3200	E	22	42.1	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	51	U	51	81.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	2600		23	42.1	170	ug/Kg
218-01-9	Chrysene	1700		24	42.1	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4300	E	25	42.1	170	ug/Kg
117-84-0	Di-n-octyl phthalate	5000		48	81.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		37	42.1	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	2300		38	42.1	170	ug/Kg
50-32-8	Benzo(a)pyrene	1200		31	42.1	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		28	42.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4300	E	26	42.1	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.1	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.1	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.848		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	25.659		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.195		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.922		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	25.466		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	32.356		10-135		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.807		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.144		10-140		90	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.08		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.149		10-145		83	SPK: -40
93951-97-4	Acenaphthylene-d8	32.846		15-120		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.295		10-150		81	SPK: -40
81103-79-9	Fluorene-d10	34.72		20-140		87	SPK: -40

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4DJ2	SDG No.:	BG070524
Lab Sample ID:	P3010-26	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.3 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061896.D	1	6/25/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.558		10-130		86	SPK: -40
1719-06-8	Anthracene-d10	36.268		10-150		91	SPK: -40
1718-52-1	Pyrene-d10	36.683		10-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.614		10-140		94	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	34707	8.094				
1146-65-2	Naphthalene-d8	161914	10.909				
15067-26-2	Acenaphthene-d10	114613	14.716				
1517-22-2	Phenanthrene-d10	270190	17.46				
1719-03-5	Chrysene-d12	243589	21.725				
1520-96-3	Perylene-d12	296818	24.963				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-73-1	Benzene, 1,3-dichloro-	2500	J			7.983	
000106-46-7	Benzene, 1,4-dichloro-	8400	J			8.453	
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.643	
002489-87-4	2-Allylnaphthalene	68	J			16.014	
041144-33-6	Heptanedioic acid, 2-propyl-, dime	97	J			17.231	
000112-39-0	Hexadecanoic acid, methyl ester	160	J			18.112	
000057-10-3	n-Hexadecanoic acid	190	J			18.335	
000084-65-1	9,10-Anthracenedione	150	J			18.864	
013481-95-3	10-Octadecenoic acid, methyl ester	91	J			19.275	
007132-64-1	Pentadecanoic acid, methyl ester	70	J			19.404	
	(DEL) Alkane: Straight-Chain26.138	190	J			26.138	
000193-43-1	Indeno[1,2,3-cd]fluoranthene	490	J			28.653	
	(DEL) Alkane: Straight-Chain29.158	73	J			29.158	
E966796	Total Alkanes	260				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4DJ2DL	SDG No.:	BG070524
Lab Sample ID:	P3010-26DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.3 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061897.D	5	6/25/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	130	U	130	32.7	330	ug/Kg
100-52-7	Benzaldehyde	290	U	290	410	1600	ug/Kg
110-86-1	Pyridine	380	U	380	820	1600	ug/Kg
108-95-2	Phenol	1700	D	150	410	1600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	3200	D	140	410	1600	ug/Kg
95-57-8	2-Chlorophenol	1400	D	140	210	840	ug/Kg
95-48-7	2-Methylphenol	150	U	150	410	1600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	200	U	200	410	1600	ug/Kg
98-86-2	Acetophenone	330	U	330	410	1600	ug/Kg
106-44-5	4-Methylphenol	260	U	260	410	1600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	5700	D	390	210	840	ug/Kg
67-72-1	Hexachloroethane	300	U	300	210	840	ug/Kg
98-95-3	Nitrobenzene	3600	D	320	210	840	ug/Kg
78-59-1	Isophorone	330	U	330	210	840	ug/Kg
88-75-5	2-Nitrophenol	4500	D	300	210	840	ug/Kg
105-67-9	2,4-Dimethylphenol	160	U	160	210	840	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	2900	D	220	210	840	ug/Kg
120-83-2	2,4-Dichlorophenol	4800	D	190	210	840	ug/Kg
91-20-3	Naphthalene	120	U	120	210	840	ug/Kg
106-47-8	4-Chloroaniline	180	U	180	210	1600	ug/Kg
87-68-3	Hexachlorobutadiene	170	U	170	210	840	ug/Kg
105-60-2	Caprolactam	320	U	320	410	1600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	5400	D	200	210	840	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	210	840	ug/Kg
91-57-6	2-Methylnaphthalene	160	U	160	210	840	ug/Kg
77-47-4	Hexachlorocyclopentadiene	480	U	480	410	1600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2200	D	120	210	840	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3200	D	160	210	840	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4DJ2DL	SDG No.:	BG070524
Lab Sample ID:	P3010-26DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.3 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061897.D	5	6/25/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	130	U	130	210	840	ug/Kg
91-58-7	2-Chloronaphthalene	160	U	160	210	840	ug/Kg
88-74-4	2-Nitroaniline	220	U	220	210	840	ug/Kg
131-11-3	Dimethylphthalate	150	U	150	210	840	ug/Kg
606-20-2	2,6-Dinitrotoluene	3400	D	99	210	840	ug/Kg
208-96-8	Acenaphthylene	140	U	140	210	840	ug/Kg
99-09-2	3-Nitroaniline	330	U	330	410	1600	ug/Kg
83-32-9	Acenaphthene	5200	D	130	210	840	ug/Kg
51-28-5	2,4-Dinitrophenol	640	U	640	410	1600	ug/Kg
100-02-7	4-Nitrophenol	3200	D	220	410	1600	ug/Kg
132-64-9	Dibenzofuran	130	U	130	210	840	ug/Kg
121-14-2	2,4-Dinitrotoluene	6600	D	170	210	840	ug/Kg
84-66-2	Diethylphthalate	2300	D	160	210	840	ug/Kg
86-73-7	Fluorene	3900	D	130	210	840	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	99	U	99	210	840	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	410	1600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	190	U	190	410	1600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	120	U	120	210	840	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	170	U	170	210	840	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2700	D	130	210	840	ug/Kg
118-74-1	Hexachlorobenzene	140	U	140	210	840	ug/Kg
1912-24-9	Atrazine	140	U	140	410	1600	ug/Kg
87-86-5	Pentachlorophenol	5300	D	440	410	1600	ug/Kg
85-01-8	Phenanthrene	3800	D	130	210	840	ug/Kg
608-93-5	Pentachlorobenzene	180	U	180	210	840	ug/Kg
120-12-7	Anthracene	1300	D	120	210	840	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	84	U	84	210	840	ug/Kg
86-74-8	Carbazole	170	U	170	410	1600	ug/Kg
84-74-2	Di-n-butylphthalate	5900	D	130	210	840	ug/Kg
206-44-0	Fluoranthene	2800	D	94	410	840	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4DJ2DL	SDG No.:	BG070524
Lab Sample ID:	P3010-26DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.3 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061897.D	5	6/25/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	6500	D	89	210	840	ug/Kg
85-68-7	Butylbenzylphthalate	3300	D	110	210	840	ug/Kg
91-94-1	3,3-Dichlorobenzidine	260	U	260	410	1600	ug/Kg
56-55-3	Benzo(a)anthracene	2600	D	110	210	840	ug/Kg
218-01-9	Chrysene	1600	D	120	210	840	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4500	D	120	210	840	ug/Kg
117-84-0	Di-n-octyl phthalate	5300	D	240	410	1600	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400	D	180	210	840	ug/Kg
207-08-9	Benzo(k)fluoranthene	2200	D	190	210	840	ug/Kg
50-32-8	Benzo(a)pyrene	1100	D	150	210	840	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400	D	140	210	840	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4300	D	130	210	840	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	U	160	210	840	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	180	U	180	210	840	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.065		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	26.275		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.455		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.36		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	28.645		10-140		72	SPK: -40
4165-60-0	Nitrobenzene-d5	30.455		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.24		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	38.42		10-140		96	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.8		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.745		10-145		84	SPK: -40
93951-97-4	Acenaphthylene-d8	32.715		15-120		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.2		10-150		86	SPK: -40
81103-79-9	Fluorene-d10	37.035		20-140		93	SPK: -40

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4DJ2DL	SDG No.:	BG070524
Lab Sample ID:	P3010-26DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.3 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061897.D	5	6/25/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.99		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	37.05		10-150		93	SPK: -40
1718-52-1	Pyrene-d10	36.95		10-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.465		10-140		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	28324	8.092				
1146-65-2	Naphthalene-d8	144187	10.906				
15067-26-2	Acenaphthene-d10	114457	14.719				
1517-22-2	Phenanthrene-d10	287723	17.457				
1719-03-5	Chrysene-d12	255226	21.717				
1520-96-3	Perylene-d12	310188	24.954				
TENTATIVE IDENTIFIED COMPOUNDS							
000106-46-7	Benzene, 1,4-dichloro-	2100	JD			7.98	
000541-73-1	Benzene, 1,3-dichloro-	7300	JD			8.45	
E966796	Total Alkanes	130	U			99	ug/Kg



Client:				Date Collected:	6/21/2024 12:00:00 AM	
Project:				Date Received:	6/21/2024 12:00:00 AM	
Client Sample ID:	A4BC8			SDG No.:	BG070524	
Lab Sample ID:	P2982-24			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	6.5	
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
BG061898.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	7	71	ug/Kg
100-52-7	Benzaldehyde	62	U	62	87.9	350	ug/Kg
110-86-1	Pyridine	82	U	82	180	350	ug/Kg
108-95-2	Phenol	32	U	32	87.9	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	31	U	31	87.9	350	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	45.3	180	ug/Kg
95-48-7	2-Methylphenol	33	U	33	87.9	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43	U	43	87.9	350	ug/Kg
98-86-2	Acetophenone	70	U	70	87.9	350	ug/Kg
106-44-5	4-Methylphenol	56	U	56	87.9	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	84	U	84	45.3	180	ug/Kg
67-72-1	Hexachloroethane	65	U	65	45.3	180	ug/Kg
98-95-3	Nitrobenzene	68	U	68	45.3	180	ug/Kg
78-59-1	Isophorone	70	U	70	45.3	180	ug/Kg
88-75-5	2-Nitrophenol	64	U	64	45.3	180	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	45.3	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	45.3	180	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	45.3	180	ug/Kg
91-20-3	Naphthalene	26	U	26	45.3	180	ug/Kg
106-47-8	4-Chloroaniline	38	U	38	45.3	350	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	45.3	180	ug/Kg
105-60-2	Caprolactam	68	U	68	87.9	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	45.3	180	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	45.3	180	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	45.3	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	87.9	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26	U	26	45.3	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	35	U	35	45.3	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC8	SDG No.:	BG070524
Lab Sample ID:	P2982-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.5
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
BG061898.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	45.3	180	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	45.3	180	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	45.3	180	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	45.3	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	45.3	180	ug/Kg
208-96-8	Acenaphthylene	31	U	31	45.3	180	ug/Kg
99-09-2	3-Nitroaniline	70	U	70	87.9	350	ug/Kg
83-32-9	Acenaphthene	28	U	28	45.3	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	87.9	350	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	87.9	350	ug/Kg
132-64-9	Dibenzofuran	29	U	29	45.3	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	37	U	37	45.3	180	ug/Kg
84-66-2	Diethylphthalate	35	U	35	45.3	180	ug/Kg
86-73-7	Fluorene	29	U	29	45.3	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	45.3	180	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	87.9	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	41	U	41	87.9	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	45.3	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36	U	36	45.3	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	45.3	180	ug/Kg
118-74-1	Hexachlorobenzene	30	U	30	45.3	180	ug/Kg
1912-24-9	Atrazine	30	U	30	87.9	350	ug/Kg
87-86-5	Pentachlorophenol	94	U	94	87.9	350	ug/Kg
85-01-8	Phenanthrene	29	U	29	45.3	180	ug/Kg
608-93-5	Pentachlorobenzene	39	U	39	45.3	180	ug/Kg
120-12-7	Anthracene	27	U	27	45.3	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	45.3	180	ug/Kg
86-74-8	Carbazole	36	U	36	87.9	350	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	45.3	180	ug/Kg
206-44-0	Fluoranthene	20	U	20	87.9	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC8	SDG No.:	BG070524
Lab Sample ID:	P2982-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.5
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
BG061898.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	19	U	19	45.3	180	ug/Kg
85-68-7	Butylbenzylphthalate	23	U	23	45.3	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	87.9	350	ug/Kg
56-55-3	Benzo(a)anthracene	25	U	25	45.3	180	ug/Kg
218-01-9	Chrysene	26	U	26	45.3	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	27	U	27	45.3	180	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	87.9	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	39	45.3	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	45.3	180	ug/Kg
50-32-8	Benzo(a)pyrene	33	U	33	45.3	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30	U	30	45.3	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	45.3	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	45.3	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	45.3	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.232		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	12.909		20-120		32	SPK: -40
4165-62-2	Phenol-d5	17.408		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.637		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.109		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	17.424		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	19.066		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.898		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.531		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.018		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.878		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	18.902		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.149		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	20.088		20-140		50	SPK: -40

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC8	SDG No.:	BG070524
Lab Sample ID:	P2982-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.5
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
BG061898.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.1		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	19.308		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	20.073		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.017		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	37875	8.094				
1146-65-2	Naphthalene-d8	192896	10.909				
15067-26-2	Acenaphthene-d10	149321	14.716				
1517-22-2	Phenanthrene-d10	381152	17.46				
1719-03-5	Chrysene-d12	343511	21.714				
1520-96-3	Perylene-d12	422022	24.957				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	150	J			3.758	
000770-35-4	1-Phenoxypropan-2-ol	200	J			11.637	
002425-77-6	1-Decanol, 2-hexyl-	94	J			21.355	
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4DJ1	SDG No.:	BG070524
Lab Sample ID:	P2982-15	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
BG061899.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

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	830		30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4200		29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	3500	E	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	4300	E	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	4500	E	66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	2700	E	60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	6800	E	38	42.5	170	ug/Kg
91-20-3	Naphthalene	4800	E	24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	42.5	170	ug/Kg
105-60-2	Caprolactam	64	U	64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	5300	E	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	1200		24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2300		33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4DJ1	SDG No.:	BG070524
Lab Sample ID:	P2982-15	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
BG061899.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

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	9900	E	20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	3400	E	29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	66	U	66	82.5	330	ug/Kg
83-32-9	Acenaphthene	4900	E	26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	2100		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	2700	E	27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	2400		35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	5300	E	33	42.5	170	ug/Kg
86-73-7	Fluorene	3400	E	27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3300	E	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	24	U	24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38	U	38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	24	U	24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2900	E	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	4800		88	82.5	330	ug/Kg
85-01-8	Phenanthrene	1800		27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	42.5	170	ug/Kg
120-12-7	Anthracene	4000	E	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	42.5	170	ug/Kg
86-74-8	Carbazole	34	U	34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	3900	E	27	42.5	170	ug/Kg
206-44-0	Fluoranthene	3100	E	19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4DJ1	SDG No.:	BG070524
Lab Sample ID:	P2982-15	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
BG061899.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

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	750		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	2300		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	8300	E	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	4900		48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	1400		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	1100		26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2800	E	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.6		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	28.833		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.554		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.935		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	29.712		10-140		74	SPK: -40
4165-60-0	Nitrobenzene-d5	30.933		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.685		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	41.498		10-140		104	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.464		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.914		10-145		82	SPK: -40
93951-97-4	Acenaphthylene-d8	34.031		15-120		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.795		10-150		79	SPK: -40
81103-79-9	Fluorene-d10	35.865		20-140		90	SPK: -40

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4DJ1	SDG No.:	BG070524
Lab Sample ID:	P2982-15	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
BG061899.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.811		10-130		90	SPK: -40
1719-06-8	Anthracene-d10	36.436		10-150		91	SPK: -40
1718-52-1	Pyrene-d10	36.699		10-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.832		10-140		95	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	36803	8.093				
1146-65-2	Naphthalene-d8	183852	10.907				
15067-26-2	Acenaphthene-d10	139353	14.72				
1517-22-2	Phenanthrene-d10	311094	17.464				
1719-03-5	Chrysene-d12	273069	21.724				
1520-96-3	Perylene-d12	322476	24.961				
TENTATIVE IDENTIFIED COMPOUNDS							
000106-46-7	Benzene, 1,4-dichloro-	630	J			8.451	
001125-21-9	2,6,6-Trimethyl-2-cyclohexene-1,4-	190	J			10.132	
000770-35-4	1-Phenoxypropan-2-ol	79	J			11.636	
000264-09-5	Benzocycloheptatriene	69	J			12.77	
000643-58-3	1,1-Biphenyl, 2-methyl-	75	J			16.019	
	unknown-01	95	J			17.229	
000244-99-5	5H-Indeno[1,2-b]pyridine	67	J			17.852	
	unknown-02	82	J			18.058	
001731-88-0	Tridecanoic acid, methyl ester	120	J			18.11	
000544-63-8	Tetradecanoic acid	160	J			18.34	
000084-65-1	9,10-Anthracenedione	380	J			18.868	
000112-62-9	9-Octadecenoic acid (Z)-, methyl e	75	J			19.274	
074036-95-6	2-Bromotetradecane	210	J			26.142	
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4DJ1DL	SDG No.:	BG070524
Lab Sample ID:	P2982-15DL	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
BG061900.D	5	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	140	U	140	33	330	ug/Kg
100-52-7	Benzaldehyde	290	U	290	410	1700	ug/Kg
110-86-1	Pyridine	390	U	390	830	1700	ug/Kg
108-95-2	Phenol	910	JD	150	410	1700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4700	D	150	410	1700	ug/Kg
95-57-8	2-Chlorophenol	3800	D	140	210	850	ug/Kg
95-48-7	2-Methylphenol	160	U	160	410	1700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	200	U	200	410	1700	ug/Kg
98-86-2	Acetophenone	330	U	330	410	1700	ug/Kg
106-44-5	4-Methylphenol	270	U	270	410	1700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	4600	D	400	210	850	ug/Kg
67-72-1	Hexachloroethane	310	U	310	210	850	ug/Kg
98-95-3	Nitrobenzene	320	U	320	210	850	ug/Kg
78-59-1	Isophorone	4800	D	330	210	850	ug/Kg
88-75-5	2-Nitrophenol	2700	D	300	210	850	ug/Kg
105-67-9	2,4-Dimethylphenol	160	U	160	210	850	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	230	U	230	210	850	ug/Kg
120-83-2	2,4-Dichlorophenol	7500	D	190	210	850	ug/Kg
91-20-3	Naphthalene	5300	D	120	210	850	ug/Kg
106-47-8	4-Chloroaniline	180	U	180	210	1700	ug/Kg
87-68-3	Hexachlorobutadiene	180	U	180	210	850	ug/Kg
105-60-2	Caprolactam	320	U	320	410	1700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200	D	210	210	850	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	210	850	ug/Kg
91-57-6	2-Methylnaphthalene	6100	D	160	210	850	ug/Kg
77-47-4	Hexachlorocyclopentadiene	490	U	490	410	1700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400	D	120	210	850	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2400	D	170	210	850	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4DJ1DL	SDG No.:	BG070524
Lab Sample ID:	P2982-15DL	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
BG061900.D	5	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	130	U	130	210	850	ug/Kg
91-58-7	2-Chloronaphthalene	170	U	170	210	850	ug/Kg
88-74-4	2-Nitroaniline	230	U	230	210	850	ug/Kg
131-11-3	Dimethylphthalate	150	U	150	210	850	ug/Kg
606-20-2	2,6-Dinitrotoluene	12000	D	100	210	850	ug/Kg
208-96-8	Acenaphthylene	3900	D	150	210	850	ug/Kg
99-09-2	3-Nitroaniline	330	U	330	410	1700	ug/Kg
83-32-9	Acenaphthene	5900	D	130	210	850	ug/Kg
51-28-5	2,4-Dinitrophenol	650	U	650	410	1700	ug/Kg
100-02-7	4-Nitrophenol	2300	D	220	410	1700	ug/Kg
132-64-9	Dibenzofuran	3200	D	140	210	850	ug/Kg
121-14-2	2,4-Dinitrotoluene	2700	D	180	210	850	ug/Kg
84-66-2	Diethylphthalate	6700	D	170	210	850	ug/Kg
86-73-7	Fluorene	4100	D	140	210	850	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4000	D	100	210	850	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	410	1700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	190	U	190	410	1700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	120	U	120	210	850	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	170	U	170	210	850	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3000	D	130	210	850	ug/Kg
118-74-1	Hexachlorobenzene	140	U	140	210	850	ug/Kg
1912-24-9	Atrazine	140	U	140	410	1700	ug/Kg
87-86-5	Pentachlorophenol	4600	D	440	410	1700	ug/Kg
85-01-8	Phenanthrene	2000	D	140	210	850	ug/Kg
608-93-5	Pentachlorobenzene	190	U	190	210	850	ug/Kg
120-12-7	Anthracene	4600	D	130	210	850	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	85	U	85	210	850	ug/Kg
86-74-8	Carbazole	170	U	170	410	1700	ug/Kg
84-74-2	Di-n-butylphthalate	4700	D	140	210	850	ug/Kg
206-44-0	Fluoranthene	3600	D	95	410	850	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4DJ1DL	SDG No.:	BG070524
Lab Sample ID:	P2982-15DL	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
BG061900.D	5	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	90	U	90	210	850	ug/Kg
85-68-7	Butylbenzylphthalate	830	JD	110	210	850	ug/Kg
91-94-1	3,3-Dichlorobenzidine	260	U	260	410	1700	ug/Kg
56-55-3	Benzo(a)anthracene	2600	D	120	210	850	ug/Kg
218-01-9	Chrysene	120	U	120	210	850	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	11000	D	130	210	850	ug/Kg
117-84-0	Di-n-octyl phthalate	5800	D	240	410	1700	ug/Kg
205-99-2	Benzo(b)fluoranthene	2000	D	190	210	850	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600	D	190	210	850	ug/Kg
50-32-8	Benzo(a)pyrene	1500	D	160	210	850	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	140	210	850	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200	D	130	210	850	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2900	D	160	210	850	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	180	U	180	210	850	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.365		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	29.33		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.3		10-150		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.47		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	29.175		10-140		73	SPK: -40
4165-60-0	Nitrobenzene-d5	31.8		10-135		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.695		10-120		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	46.755		10-140		117	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.965		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.28		10-145		91	SPK: -40
93951-97-4	Acenaphthylene-d8	38.165		15-120		95	SPK: -40
93951-79-2	4-Nitrophenol-d4	37.08		10-150		93	SPK: -40
81103-79-9	Fluorene-d10	40.03		20-140		100	SPK: -40

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4DJ1DL	SDG No.:	BG070524
Lab Sample ID:	P2982-15DL	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
BG061900.D	5	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.155		10-130		80	SPK: -40
1719-06-8	Anthracene-d10	38.63		10-150		97	SPK: -40
1718-52-1	Pyrene-d10	41.12		10-130		103	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.79		10-140		104	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	30077	8.093				
1146-65-2	Naphthalene-d8	153801	10.908				
15067-26-2	Acenaphthene-d10	119613	14.721				
1517-22-2	Phenanthrene-d10	310417	17.459				
1719-03-5	Chrysene-d12	269415	21.719				
1520-96-3	Perylene-d12	331584	24.962				
TENTATIVE IDENTIFIED COMPOUNDS							
000106-46-7	Benzene, 1,4-dichloro-	4700	JD			8.446	
000084-65-1	9,10-Anthracenedione	440	JD			18.869	
	(DEL) Alkane: Straight-Chain26.143	660	JD			26.143	
	(DEL) Alkane: Straight-Chain27.518	520	JD			27.518	
E966796	Total Alkanes	1200	D			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	SBLK678	SDG No.:	BG070524
Lab Sample ID:	PB161678BL	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
BG061902.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

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

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	SBLK678	SDG No.:	BG070524
Lab Sample ID:	PB161678BL	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
BG061902.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

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

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	SBLK678	SDG No.:	BG070524
Lab Sample ID:	PB161678BL	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
BG061902.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

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	5.157		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	24.87		20-120		62	SPK: -40
4165-62-2	Phenol-d5	26.578		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.598		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.652		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	26.639		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	27.132		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.353		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.633		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.117		1-145		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.445		10-145		71	SPK: -40
93951-97-4	Acenaphthylene-d8	27.614		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.263		10-150		71	SPK: -40
81103-79-9	Fluorene-d10	29.284		20-140		73	SPK: -40

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	SBLK678	SDG No.:	BG070524
Lab Sample ID:	PB161678BL	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
BG061902.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.79		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	28.739		10-150		72	SPK: -40
1718-52-1	Pyrene-d10	28.343		10-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.727		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	32834	8.093				
1146-65-2	Naphthalene-d8	173499	10.907				
15067-26-2	Acenaphthene-d10	137985	14.715				
1517-22-2	Phenanthrene-d10	354178	17.459				
1719-03-5	Chrysene-d12	326823	21.718				
1520-96-3	Perylene-d12	388130	24.956				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC5	SDG No.:	BG070524
Lab Sample ID:	P2982-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	4.9
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
BG061903.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

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	86.5	350	ug/Kg
110-86-1	Pyridine	81	U	81	170	350	ug/Kg
108-95-2	Phenol	31	U	31	86.5	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	30	U	30	86.5	350	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	44.5	180	ug/Kg
95-48-7	2-Methylphenol	32	U	32	86.5	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	42	U	42	86.5	350	ug/Kg
98-86-2	Acetophenone	69	U	69	86.5	350	ug/Kg
106-44-5	4-Methylphenol	56	U	56	86.5	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	83	U	83	44.5	180	ug/Kg
67-72-1	Hexachloroethane	64	U	64	44.5	180	ug/Kg
98-95-3	Nitrobenzene	67	U	67	44.5	180	ug/Kg
78-59-1	Isophorone	69	U	69	44.5	180	ug/Kg
88-75-5	2-Nitrophenol	63	U	63	44.5	180	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	44.5	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	44.5	180	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	44.5	180	ug/Kg
91-20-3	Naphthalene	25	U	25	44.5	180	ug/Kg
106-47-8	4-Chloroaniline	38	U	38	44.5	350	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	44.5	180	ug/Kg
105-60-2	Caprolactam	67	U	67	86.5	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	44.5	180	ug/Kg
90-12-0	1-Methylnaphthalene	25	U	25	44.5	180	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	44.5	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	86.5	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	25	U	25	44.5	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	35	U	35	44.5	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC5	SDG No.:	BG070524
Lab Sample ID:	P2982-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	4.9
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
BG061903.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	44.5	180	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	44.5	180	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	44.5	180	ug/Kg
131-11-3	Dimethylphthalate	31	U	31	44.5	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	44.5	180	ug/Kg
208-96-8	Acenaphthylene	30	U	30	44.5	180	ug/Kg
99-09-2	3-Nitroaniline	69	U	69	86.5	350	ug/Kg
83-32-9	Acenaphthene	27	U	27	44.5	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	86.5	350	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	86.5	350	ug/Kg
132-64-9	Dibenzofuran	28	U	28	44.5	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	37	U	37	44.5	180	ug/Kg
84-66-2	Diethylphthalate	35	U	35	44.5	180	ug/Kg
86-73-7	Fluorene	28	U	28	44.5	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	44.5	180	ug/Kg
100-01-6	4-Nitroaniline	25	U	25	86.5	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	40	U	40	86.5	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	25	U	25	44.5	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36	U	36	44.5	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27	U	27	44.5	180	ug/Kg
118-74-1	Hexachlorobenzene	29	U	29	44.5	180	ug/Kg
1912-24-9	Atrazine	29	U	29	86.5	350	ug/Kg
87-86-5	Pentachlorophenol	92	U	92	86.5	350	ug/Kg
85-01-8	Phenanthrene	28	U	28	44.5	180	ug/Kg
608-93-5	Pentachlorobenzene	39	U	39	44.5	180	ug/Kg
120-12-7	Anthracene	26	U	26	44.5	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	44.5	180	ug/Kg
86-74-8	Carbazole	36	U	36	86.5	350	ug/Kg
84-74-2	Di-n-butylphthalate	28	U	28	44.5	180	ug/Kg
206-44-0	Fluoranthene	43	J	20	86.5	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC5	SDG No.:	BG070524
Lab Sample ID:	P2982-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	4.9
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
BG061903.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	42	J	19	44.5	180	ug/Kg
85-68-7	Butylbenzylphthalate	23	U	23	44.5	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54	U	54	86.5	350	ug/Kg
56-55-3	Benzo(a)anthracene	24	U	24	44.5	180	ug/Kg
218-01-9	Chrysene	25	U	25	44.5	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	26	U	26	44.5	180	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	86.5	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	39	44.5	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	40	U	40	44.5	180	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	44.5	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29	U	29	44.5	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27	U	27	44.5	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	44.5	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	44.5	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.506		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	7.152	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	20.318		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.368		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.978		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	20.593		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	22.058		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.634		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.562		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.199		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.839		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	23.371		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.822		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	23.962		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC5	SDG No.:	BG070524
Lab Sample ID:	P2982-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	4.9
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
BG061903.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.036		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	22.037		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	22.602		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.27		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	39509	8.095				
1146-65-2	Naphthalene-d8	198115	10.909				
15067-26-2	Acenaphthene-d10	150599	14.717				
1517-22-2	Phenanthrene-d10	374278	17.455				
1719-03-5	Chrysene-d12	339046	21.714				
1520-96-3	Perylene-d12	406339	24.952				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	200	J			11.632	
	(DEL) Alkane: Straight-Chain	21.350	J			21.35	
	(DEL) Alkane: Straight-Chain	26.133	J			26.133	
E966796	Total Alkanes	280				99	ug/Kg



Client:				Date Collected:	6/21/2024 12:00:00 AM	
Project:				Date Received:	6/21/2024 12:00:00 AM	
Client Sample ID:	A4BC7			SDG No.:	BG070524	
Lab Sample ID:	P2982-23			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	5.2	
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061904.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

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	86.7	350	ug/Kg
110-86-1	Pyridine	81	U	81	170	350	ug/Kg
108-95-2	Phenol	32	U	32	86.7	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	30	U	30	86.7	350	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	44.7	180	ug/Kg
95-48-7	2-Methylphenol	33	U	33	86.7	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	42	U	42	86.7	350	ug/Kg
98-86-2	Acetophenone	69	U	69	86.7	350	ug/Kg
106-44-5	4-Methylphenol	56	U	56	86.7	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	83	U	83	44.7	180	ug/Kg
67-72-1	Hexachloroethane	64	U	64	44.7	180	ug/Kg
98-95-3	Nitrobenzene	67	U	67	44.7	180	ug/Kg
78-59-1	Isophorone	69	U	69	44.7	180	ug/Kg
88-75-5	2-Nitrophenol	63	U	63	44.7	180	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	44.7	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	44.7	180	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	44.7	180	ug/Kg
91-20-3	Naphthalene	25	U	25	44.7	180	ug/Kg
106-47-8	4-Chloroaniline	38	U	38	44.7	350	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	44.7	180	ug/Kg
105-60-2	Caprolactam	67	U	67	86.7	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	44.7	180	ug/Kg
90-12-0	1-Methylnaphthalene	25	U	25	44.7	180	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	44.7	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	86.7	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	25	U	25	44.7	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	35	U	35	44.7	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC7	SDG No.:	BG070524
Lab Sample ID:	P2982-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061904.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	44.7	180	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	44.7	180	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	44.7	180	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	44.7	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	44.7	180	ug/Kg
208-96-8	Acenaphthylene	30	U	30	44.7	180	ug/Kg
99-09-2	3-Nitroaniline	69	U	69	86.7	350	ug/Kg
83-32-9	Acenaphthene	27	U	27	44.7	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	86.7	350	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	86.7	350	ug/Kg
132-64-9	Dibenzofuran	28	U	28	44.7	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	37	U	37	44.7	180	ug/Kg
84-66-2	Diethylphthalate	35	U	35	44.7	180	ug/Kg
86-73-7	Fluorene	28	U	28	44.7	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	44.7	180	ug/Kg
100-01-6	4-Nitroaniline	25	U	25	86.7	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	40	U	40	86.7	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	25	U	25	44.7	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36	U	36	44.7	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27	U	27	44.7	180	ug/Kg
118-74-1	Hexachlorobenzene	29	U	29	44.7	180	ug/Kg
1912-24-9	Atrazine	29	U	29	86.7	350	ug/Kg
87-86-5	Pentachlorophenol	93	U	93	86.7	350	ug/Kg
85-01-8	Phenanthrene	180		28	44.7	180	ug/Kg
608-93-5	Pentachlorobenzene	39	U	39	44.7	180	ug/Kg
120-12-7	Anthracene	35	J	26	44.7	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	44.7	180	ug/Kg
86-74-8	Carbazole	36	U	36	86.7	350	ug/Kg
84-74-2	Di-n-butylphthalate	28	U	28	44.7	180	ug/Kg
206-44-0	Fluoranthene	250		20	86.7	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC7	SDG No.:	BG070524
Lab Sample ID:	P2982-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061904.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	210		19	44.7	180	ug/Kg
85-68-7	Butylbenzylphthalate	23	U	23	44.7	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	86.7	350	ug/Kg
56-55-3	Benzo(a)anthracene	110	J	24	44.7	180	ug/Kg
218-01-9	Chrysene	110	J	25	44.7	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	26	U	26	44.7	180	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	86.7	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	J	39	44.7	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	49	J	40	44.7	180	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	33	44.7	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	64	J	29	44.7	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27	U	27	44.7	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	82	J	34	44.7	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	44.7	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.38		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	10.973		20-120		27	SPK: -40
4165-62-2	Phenol-d5	22.778		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.469		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.561		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	23.3		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	24.828		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.652		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.291		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.301		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.659		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	24.075		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.348		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	24.44		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC7	SDG No.:	BG070524
Lab Sample ID:	P2982-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061904.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.454		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	24.226		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	24.335		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.513		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	36325	8.097				
1146-65-2	Naphthalene-d8	183118	10.906				
15067-26-2	Acenaphthene-d10	151193	14.713				
1517-22-2	Phenanthrene-d10	357031	17.457				
1719-03-5	Chrysene-d12	311930	21.717				
1520-96-3	Perylene-d12	385390	24.954				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	190	J			3.755	
000770-35-4	1-Phenoxypropan-2-ol	370	J			11.634	
002004-39-9	1-Heptacosanol	150	J			21.352	
E966796	Total Alkanes	27	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4CT9	SDG No.:	BG070524
Lab Sample ID:	P2982-26	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.6
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
BG061905.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	7	71	ug/Kg
100-52-7	Benzaldehyde	62	U	62	88	350	ug/Kg
110-86-1	Pyridine	82	U	82	180	350	ug/Kg
108-95-2	Phenol	32	U	32	88	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	31	U	31	88	350	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	45.4	180	ug/Kg
95-48-7	2-Methylphenol	33	U	33	88	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43	U	43	88	350	ug/Kg
98-86-2	Acetophenone	70	U	70	88	350	ug/Kg
106-44-5	4-Methylphenol	57	U	57	88	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	84	U	84	45.4	180	ug/Kg
67-72-1	Hexachloroethane	65	U	65	45.4	180	ug/Kg
98-95-3	Nitrobenzene	68	U	68	45.4	180	ug/Kg
78-59-1	Isophorone	70	U	70	45.4	180	ug/Kg
88-75-5	2-Nitrophenol	64	U	64	45.4	180	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	45.4	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	45.4	180	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	45.4	180	ug/Kg
91-20-3	Naphthalene	26	U	26	45.4	180	ug/Kg
106-47-8	4-Chloroaniline	38	U	38	45.4	350	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	45.4	180	ug/Kg
105-60-2	Caprolactam	68	U	68	88	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	45.4	180	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	45.4	180	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	45.4	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	88	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26	U	26	45.4	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	35	U	35	45.4	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4CT9	SDG No.:	BG070524
Lab Sample ID:	P2982-26	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.6
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
BG061905.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	45.4	180	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	45.4	180	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	45.4	180	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	45.4	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	45.4	180	ug/Kg
208-96-8	Acenaphthylene	31	U	31	45.4	180	ug/Kg
99-09-2	3-Nitroaniline	70	U	70	88	350	ug/Kg
83-32-9	Acenaphthene	28	U	28	45.4	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	88	350	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	88	350	ug/Kg
132-64-9	Dibenzofuran	29	U	29	45.4	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	37	U	37	45.4	180	ug/Kg
84-66-2	Diethylphthalate	35	U	35	45.4	180	ug/Kg
86-73-7	Fluorene	29	U	29	45.4	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	45.4	180	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	88	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	41	U	41	88	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	45.4	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36	U	36	45.4	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	45.4	180	ug/Kg
118-74-1	Hexachlorobenzene	30	U	30	45.4	180	ug/Kg
1912-24-9	Atrazine	30	U	30	88	350	ug/Kg
87-86-5	Pentachlorophenol	94	U	94	88	350	ug/Kg
85-01-8	Phenanthrene	40	J	29	45.4	180	ug/Kg
608-93-5	Pentachlorobenzene	39	U	39	45.4	180	ug/Kg
120-12-7	Anthracene	27	U	27	45.4	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	45.4	180	ug/Kg
86-74-8	Carbazole	36	U	36	88	350	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	45.4	180	ug/Kg
206-44-0	Fluoranthene	69	J	20	88	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4CT9	SDG No.:	BG070524
Lab Sample ID:	P2982-26	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.6
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
BG061905.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	68	J	19	45.4	180	ug/Kg
85-68-7	Butylbenzylphthalate	23	U	23	45.4	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	88	350	ug/Kg
56-55-3	Benzo(a)anthracene	25	U	25	45.4	180	ug/Kg
218-01-9	Chrysene	40	J	26	45.4	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	27	U	27	45.4	180	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	88	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	55	J	39	45.4	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	45.4	180	ug/Kg
50-32-8	Benzo(a)pyrene	40	J	33	45.4	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30	U	30	45.4	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	45.4	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	45.4	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	45.4	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.208		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	14.605		20-120		37	SPK: -40
4165-62-2	Phenol-d5	21.493		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.166		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.346		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	21.65		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	24.776		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.789		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.242		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.727		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.587		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	25.727		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.332		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	25.494		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4CT9	SDG No.:	BG070524
Lab Sample ID:	P2982-26	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.6
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
BG061905.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.169		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	24.278		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	24.476		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.539		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43607	8.093				
1146-65-2	Naphthalene-d8	209763	10.908				
15067-26-2	Acenaphthene-d10	148201	14.715				
1517-22-2	Phenanthrene-d10	353572	17.459				
1719-03-5	Chrysene-d12	318115	21.719				
1520-96-3	Perylene-d12	378994	24.956				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	220	J			3.751	
000770-35-4	1-Phenoxypropan-2-ol	300	J			11.636	
1000383-23-5	Carbonic acid, but-3-en-1-yl tetra	230	J			21.349	
	(DEL) Alkane: Straight-Chain22.518	91	J			22.518	
	(DEL) Alkane: Straight-Chain24.028	170	J			24.028	
007320-37-8	Oxirane, tetradecyl-	150	J			25.514	
E966796	Total Alkanes	260				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC4	SDG No.:	BG070524
Lab Sample ID:	P2982-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061906.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	7	71	ug/Kg
100-52-7	Benzaldehyde	62	U	62	87.5	350	ug/Kg
110-86-1	Pyridine	82	U	82	170	350	ug/Kg
108-95-2	Phenol	32	U	32	87.5	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	31	U	31	87.5	350	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	45.1	180	ug/Kg
95-48-7	2-Methylphenol	33	U	33	87.5	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	42	U	42	87.5	350	ug/Kg
98-86-2	Acetophenone	70	U	70	87.5	350	ug/Kg
106-44-5	4-Methylphenol	56	U	56	87.5	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	84	U	84	45.1	180	ug/Kg
67-72-1	Hexachloroethane	65	U	65	45.1	180	ug/Kg
98-95-3	Nitrobenzene	68	U	68	45.1	180	ug/Kg
78-59-1	Isophorone	70	U	70	45.1	180	ug/Kg
88-75-5	2-Nitrophenol	64	U	64	45.1	180	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	45.1	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	45.1	180	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	45.1	180	ug/Kg
91-20-3	Naphthalene	25	U	25	45.1	180	ug/Kg
106-47-8	4-Chloroaniline	38	U	38	45.1	350	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	45.1	180	ug/Kg
105-60-2	Caprolactam	68	U	68	87.5	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	45.1	180	ug/Kg
90-12-0	1-Methylnaphthalene	25	U	25	45.1	180	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	45.1	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	87.5	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	25	U	25	45.1	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	35	U	35	45.1	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC4	SDG No.:	BG070524
Lab Sample ID:	P2982-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061906.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	45.1	180	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	45.1	180	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	45.1	180	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	45.1	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	45.1	180	ug/Kg
208-96-8	Acenaphthylene	31	U	31	45.1	180	ug/Kg
99-09-2	3-Nitroaniline	70	U	70	87.5	350	ug/Kg
83-32-9	Acenaphthene	28	U	28	45.1	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	87.5	350	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	87.5	350	ug/Kg
132-64-9	Dibenzofuran	29	U	29	45.1	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	37	U	37	45.1	180	ug/Kg
84-66-2	Diethylphthalate	35	U	35	45.1	180	ug/Kg
86-73-7	Fluorene	29	U	29	45.1	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	45.1	180	ug/Kg
100-01-6	4-Nitroaniline	25	U	25	87.5	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	40	U	40	87.5	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	25	U	25	45.1	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36	U	36	45.1	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	45.1	180	ug/Kg
118-74-1	Hexachlorobenzene	30	U	30	45.1	180	ug/Kg
1912-24-9	Atrazine	30	U	30	87.5	350	ug/Kg
87-86-5	Pentachlorophenol	93	U	93	87.5	350	ug/Kg
85-01-8	Phenanthrene	180		29	45.1	180	ug/Kg
608-93-5	Pentachlorobenzene	39	U	39	45.1	180	ug/Kg
120-12-7	Anthracene	27	U	27	45.1	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	45.1	180	ug/Kg
86-74-8	Carbazole	36	U	36	87.5	350	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	45.1	180	ug/Kg
206-44-0	Fluoranthene	330		20	87.5	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC4	SDG No.:	BG070524
Lab Sample ID:	P2982-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061906.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	240		19	45.1	180	ug/Kg
85-68-7	Butylbenzylphthalate	23	U	23	45.1	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	87.5	350	ug/Kg
56-55-3	Benzo(a)anthracene	160	J	24	45.1	180	ug/Kg
218-01-9	Chrysene	200		25	45.1	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	76	J	27	45.1	180	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	87.5	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	250		39	45.1	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	83	J	40	45.1	180	ug/Kg
50-32-8	Benzo(a)pyrene	89	J	33	45.1	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	82	J	30	45.1	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	36	J	28	45.1	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	45.1	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	45.1	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.563		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	29.905		10-130		75	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.713		10-150		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.245		15-120		78	SPK: -40
190780-66-6	4-Methylphenol-d8	30.06		10-140		75	SPK: -40
4165-60-0	Nitrobenzene-d5	32.409		10-135		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.106		10-120		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.665		10-140		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.774		1-145		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.574		10-145		79	SPK: -40
93951-97-4	Acenaphthylene-d8	33.864		15-120		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.698		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	33.179		20-140		83	SPK: -40

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC4	SDG No.:	BG070524
Lab Sample ID:	P2982-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061906.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.067		10-130		85	SPK: -40
1719-06-8	Anthracene-d10	32.508		10-150		81	SPK: -40
1718-52-1	Pyrene-d10	28.47		10-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.667		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41002	8.094				
1146-65-2	Naphthalene-d8	206241	10.908				
15067-26-2	Acenaphthene-d10	146123	14.715				
1517-22-2	Phenanthrene-d10	336626	17.453				
1719-03-5	Chrysene-d12	296949	21.713				
1520-96-3	Perylene-d12	360509	24.956				
TENTATIVE IDENTIFIED COMPOUNDS							
000079-39-0	Methacrylamide	85	J			4.022	
	unknown-01	100	J			5.168	
001119-40-0	Pentanedioic acid, dimethyl ester	72	J			9.804	
000770-35-4	1-Phenoxypropan-2-ol	91	J			11.637	
000638-53-9	Tridecanoic acid	200	J			18.329	
1000351-75-1	Tricosyl trifluoroacetate	530	J			21.355	
	(DEL) Alkane: Straight-Chain22.518	250	J			22.518	
1000376-70-0	Heptadecanal	200	J			23.57	
1000351-83-8	Heneicosyl heptafluorobutyrate	340	J			24.099	
014811-95-1	1,19-Eicosadiene	440	J			25.515	
	(DEL) Alkane: Straight-Chain26.131	640	J			26.131	
E966796	Total Alkanes	890				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF6	SDG No.:	BG070524
Lab Sample ID:	P2982-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41
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
BG061907.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	46	U	46	11.2	110	ug/Kg
100-52-7	Benzaldehyde	98	U	98	140	560	ug/Kg
110-86-1	Pyridine	130	U	130	280	560	ug/Kg
108-95-2	Phenol	51	U	51	140	560	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	140	560	ug/Kg
95-57-8	2-Chlorophenol	47	U	47	72	290	ug/Kg
95-48-7	2-Methylphenol	53	U	53	140	560	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	68	U	68	140	560	ug/Kg
98-86-2	Acetophenone	110	U	110	140	560	ug/Kg
106-44-5	4-Methylphenol	90	U	90	140	560	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	130	U	130	72	290	ug/Kg
67-72-1	Hexachloroethane	100	U	100	72	290	ug/Kg
98-95-3	Nitrobenzene	110	U	110	72	290	ug/Kg
78-59-1	Isophorone	110	U	110	72	290	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	72	290	ug/Kg
105-67-9	2,4-Dimethylphenol	54	U	54	72	290	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	76	U	76	72	290	ug/Kg
120-83-2	2,4-Dichlorophenol	64	U	64	72	290	ug/Kg
91-20-3	Naphthalene	41	U	41	72	290	ug/Kg
106-47-8	4-Chloroaniline	61	U	61	72	560	ug/Kg
87-68-3	Hexachlorobutadiene	59	U	59	72	290	ug/Kg
105-60-2	Caprolactam	110	U	110	140	560	ug/Kg
59-50-7	4-Chloro-3-methylphenol	69	U	69	72	290	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	72	290	ug/Kg
91-57-6	2-Methylnaphthalene	54	U	54	72	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	140	560	ug/Kg
88-06-2	2,4,6-Trichlorophenol	41	U	41	72	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	56	72	290	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF6	SDG No.:	BG070524
Lab Sample ID:	P2982-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41
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
BG061907.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	44	U	44	72	290	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	72	290	ug/Kg
88-74-4	2-Nitroaniline	76	U	76	72	290	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	72	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	34	U	34	72	290	ug/Kg
208-96-8	Acenaphthylene	49	U	49	72	290	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	140	560	ug/Kg
83-32-9	Acenaphthene	44	U	44	72	290	ug/Kg
51-28-5	2,4-Dinitrophenol	220	U	220	140	560	ug/Kg
100-02-7	4-Nitrophenol	75	U	75	140	560	ug/Kg
132-64-9	Dibenzofuran	46	U	46	72	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	59	U	59	72	290	ug/Kg
84-66-2	Diethylphthalate	56	U	56	72	290	ug/Kg
86-73-7	Fluorene	46	U	46	72	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	34	U	34	72	290	ug/Kg
100-01-6	4-Nitroaniline	41	U	41	140	560	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	64	U	64	140	560	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	72	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U	58	72	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	44	U	44	72	290	ug/Kg
118-74-1	Hexachlorobenzene	47	U	47	72	290	ug/Kg
1912-24-9	Atrazine	47	U	47	140	560	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	140	560	ug/Kg
85-01-8	Phenanthrene	71	J	46	72	290	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	72	290	ug/Kg
120-12-7	Anthracene	42	U	42	72	290	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	29	U	29	72	290	ug/Kg
86-74-8	Carbazole	58	U	58	140	560	ug/Kg
84-74-2	Di-n-butylphthalate	46	U	46	72	290	ug/Kg
206-44-0	Fluoranthene	160	J	32	140	290	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF6	SDG No.:	BG070524
Lab Sample ID:	P2982-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41
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
BG061907.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	140	J	31	72	290	ug/Kg
85-68-7	Butylbenzylphthalate	37	U	37	72	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	88	U	88	140	560	ug/Kg
56-55-3	Benzo(a)anthracene	79	J	39	72	290	ug/Kg
218-01-9	Chrysene	90	J	41	72	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	J	42	72	290	ug/Kg
117-84-0	Di-n-octyl phthalate	81	U	81	140	560	ug/Kg
205-99-2	Benzo(b)fluoranthene	90	J	63	72	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	64	U	64	72	290	ug/Kg
50-32-8	Benzo(a)pyrene	53	U	53	72	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47	U	47	72	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	72	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	72	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61	U	61	72	290	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.256		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	1.563	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	18.124		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.008		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.49		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	17.86		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	18.522		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.612		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.527		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.101		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.695		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	20.259		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.298		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	21.409		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF6	SDG No.:	BG070524
Lab Sample ID:	P2982-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41
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
BG061907.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.934		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	21.531		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	19.042		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.778		10-140		37	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57580	8.096				
1146-65-2	Naphthalene-d8	285027	10.911				
15067-26-2	Acenaphthene-d10	214073	14.718				
1517-22-2	Phenanthrene-d10	502364	17.462				
1719-03-5	Chrysene-d12	441106	21.715				
1520-96-3	Perylene-d12	530980	24.959				
TENTATIVE IDENTIFIED COMPOUNDS							
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	210	J			18.055	
070362-47-9	2,2,4,5-Tetrachloro-1,1-biphenyl	140	J			18.513	
E966796	Total Alkanes	44	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF7	SDG No.:	BG070524
Lab Sample ID:	P2982-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.1
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
BG061908.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.7	77	ug/Kg
100-52-7	Benzaldehyde	67	U	67	95.7	380	ug/Kg
110-86-1	Pyridine	89	U	89	190	380	ug/Kg
108-95-2	Phenol	35	U	35	95.7	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	95.7	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	49.3	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	95.7	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	95.7	380	ug/Kg
98-86-2	Acetophenone	77	U	77	95.7	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	95.7	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	92	U	92	49.3	200	ug/Kg
67-72-1	Hexachloroethane	71	U	71	49.3	200	ug/Kg
98-95-3	Nitrobenzene	74	U	74	49.3	200	ug/Kg
78-59-1	Isophorone	77	U	77	49.3	200	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	49.3	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49.3	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	49.3	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49.3	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49.3	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	49.3	380	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	49.3	200	ug/Kg
105-60-2	Caprolactam	74	U	74	95.7	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	49.3	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49.3	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	49.3	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	95.7	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49.3	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	49.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF7	SDG No.:	BG070524
Lab Sample ID:	P2982-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.1
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
BG061908.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49.3	200	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	49.3	200	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	49.3	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49.3	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49.3	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	49.3	200	ug/Kg
99-09-2	3-Nitroaniline	77	U	77	95.7	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	49.3	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	95.7	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95.7	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	49.3	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	49.3	200	ug/Kg
84-66-2	Diethylphthalate	38	U	38	49.3	200	ug/Kg
86-73-7	Fluorene	31	U	31	49.3	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.3	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	95.7	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	95.7	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49.3	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	49.3	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49.3	200	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	49.3	200	ug/Kg
1912-24-9	Atrazine	32	U	32	95.7	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	95.7	380	ug/Kg
85-01-8	Phenanthrene	49	J	31	49.3	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.3	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.3	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49.3	200	ug/Kg
86-74-8	Carbazole	39	U	39	95.7	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	49.3	200	ug/Kg
206-44-0	Fluoranthene	73	J	22	95.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF7	SDG No.:	BG070524
Lab Sample ID:	P2982-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.1
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
BG061908.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	77	J	21	49.3	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	49.3	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	95.7	380	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	49.3	200	ug/Kg
218-01-9	Chrysene	39	J	28	49.3	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	49.3	200	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	95.7	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	49.3	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49.3	200	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	49.3	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	49.3	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	49.3	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	49.3	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	49.3	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.657		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	11.002		20-120		28	SPK: -40
4165-62-2	Phenol-d5	15.435		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.988		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.433		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	15.617		10-140		39	SPK: -40
4165-60-0	Nitrobenzene-d5	17.345		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.269		10-120		48	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.516		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.114		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.475		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	19.24		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.591		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	19.186		20-140		48	SPK: -40

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF7	SDG No.:	BG070524
Lab Sample ID:	P2982-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.1
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
BG061908.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.997		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	18.632		10-150		47	SPK: -40
1718-52-1	Pyrene-d10	18.676		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.751		10-140		49	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56116	8.094				
1146-65-2	Naphthalene-d8	273825	10.909				
15067-26-2	Acenaphthene-d10	197110	14.716				
1517-22-2	Phenanthrene-d10	458519	17.46				
1719-03-5	Chrysene-d12	411585	21.714				
1520-96-3	Perylene-d12	496231	24.957				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC1	SDG No.:	BG070524
Lab Sample ID:	P2982-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.8
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
BG061909.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	37	U	37	9.1	92	ug/Kg
100-52-7	Benzaldehyde	80	U	80	110	460	ug/Kg
110-86-1	Pyridine	110	U	110	230	460	ug/Kg
108-95-2	Phenol	42	U	42	110	460	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	110	460	ug/Kg
95-57-8	2-Chlorophenol	39	U	39	58.9	240	ug/Kg
95-48-7	2-Methylphenol	43	U	43	110	460	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	55	U	55	110	460	ug/Kg
98-86-2	Acetophenone	91	U	91	110	460	ug/Kg
106-44-5	4-Methylphenol	73	U	73	110	460	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	58.9	240	ug/Kg
67-72-1	Hexachloroethane	84	U	84	58.9	240	ug/Kg
98-95-3	Nitrobenzene	89	U	89	58.9	240	ug/Kg
78-59-1	Isophorone	91	U	91	58.9	240	ug/Kg
88-75-5	2-Nitrophenol	83	U	83	58.9	240	ug/Kg
105-67-9	2,4-Dimethylphenol	44	U	44	58.9	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	62	U	62	58.9	240	ug/Kg
120-83-2	2,4-Dichlorophenol	53	U	53	58.9	240	ug/Kg
91-20-3	Naphthalene	33	U	33	58.9	240	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	58.9	460	ug/Kg
87-68-3	Hexachlorobutadiene	48	U	48	58.9	240	ug/Kg
105-60-2	Caprolactam	89	U	89	110	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57	U	57	58.9	240	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	58.9	240	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	58.9	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	33	U	33	58.9	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	58.9	240	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC1	SDG No.:	BG070524
Lab Sample ID:	P2982-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.8
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
BG061909.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	36	U	36	58.9	240	ug/Kg
91-58-7	2-Chloronaphthalene	46	U	46	58.9	240	ug/Kg
88-74-4	2-Nitroaniline	62	U	62	58.9	240	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	58.9	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	28	U	28	58.9	240	ug/Kg
208-96-8	Acenaphthylene	40	U	40	58.9	240	ug/Kg
99-09-2	3-Nitroaniline	91	U	91	110	460	ug/Kg
83-32-9	Acenaphthene	36	U	36	58.9	240	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	110	460	ug/Kg
100-02-7	4-Nitrophenol	61	U	61	110	460	ug/Kg
132-64-9	Dibenzofuran	37	U	37	58.9	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	48	U	48	58.9	240	ug/Kg
84-66-2	Diethylphthalate	46	U	46	58.9	240	ug/Kg
86-73-7	Fluorene	37	U	37	58.9	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28	U	28	58.9	240	ug/Kg
100-01-6	4-Nitroaniline	33	U	33	110	460	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	53	U	53	110	460	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	58.9	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	47	58.9	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	58.9	240	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	58.9	240	ug/Kg
1912-24-9	Atrazine	39	U	39	110	460	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	110	460	ug/Kg
85-01-8	Phenanthrene	37	U	37	58.9	240	ug/Kg
608-93-5	Pentachlorobenzene	51	U	51	58.9	240	ug/Kg
120-12-7	Anthracene	35	U	35	58.9	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	24	U	24	58.9	240	ug/Kg
86-74-8	Carbazole	47	U	47	110	460	ug/Kg
84-74-2	Di-n-butylphthalate	37	U	37	58.9	240	ug/Kg
206-44-0	Fluoranthene	26	U	26	110	240	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC1	SDG No.:	BG070524
Lab Sample ID:	P2982-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.8
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
BG061909.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	25	U	25	58.9	240	ug/Kg
85-68-7	Butylbenzylphthalate	30	U	30	58.9	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	72	U	72	110	460	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	58.9	240	ug/Kg
218-01-9	Chrysene	33	U	33	58.9	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	35	U	35	58.9	240	ug/Kg
117-84-0	Di-n-octyl phthalate	66	U	66	110	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	51	U	51	58.9	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	53	U	53	58.9	240	ug/Kg
50-32-8	Benzo(a)pyrene	43	U	43	58.9	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	58.9	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	36	U	36	58.9	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	U	44	58.9	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	50	58.9	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.501		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	11.534		20-120		29	SPK: -40
4165-62-2	Phenol-d5	15.411		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.164		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.733		15-120		39	SPK: -40
190780-66-6	4-Methylphenol-d8	16.221		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	17.036		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.431		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.852		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.176		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.333		10-145		41	SPK: -40
93951-97-4	Acenaphthylene-d8	17.252		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.721		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	16.979		20-140		42	SPK: -40

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC1	SDG No.:	BG070524
Lab Sample ID:	P2982-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.8
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
BG061909.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.985		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	17.35		10-150		43	SPK: -40
1718-52-1	Pyrene-d10	16.945		10-130		42	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.722		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61967	8.095				
1146-65-2	Naphthalene-d8	330408	10.91				
15067-26-2	Acenaphthene-d10	240784	14.717				
1517-22-2	Phenanthrene-d10	560460	17.455				
1719-03-5	Chrysene-d12	513661	21.72				
1520-96-3	Perylene-d12	622679	24.958				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	390	J			14.905	
E966796	Total Alkanes	36	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CG0	SDG No.:	BG070524
Lab Sample ID:	P2982-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.2
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061910.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	35	U	35	8.5	86	ug/Kg
100-52-7	Benzaldehyde	75	U	75	110	420	ug/Kg
110-86-1	Pyridine	99	U	99	210	420	ug/Kg
108-95-2	Phenol	39	U	39	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	110	420	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	54.6	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	54.6	220	ug/Kg
67-72-1	Hexachloroethane	78	U	78	54.6	220	ug/Kg
98-95-3	Nitrobenzene	82	U	82	54.6	220	ug/Kg
78-59-1	Isophorone	85	U	85	54.6	220	ug/Kg
88-75-5	2-Nitrophenol	77	U	77	54.6	220	ug/Kg
105-67-9	2,4-Dimethylphenol	41	U	41	54.6	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	58	U	58	54.6	220	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	54.6	220	ug/Kg
91-20-3	Naphthalene	31	U	31	54.6	220	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	54.6	420	ug/Kg
87-68-3	Hexachlorobutadiene	45	U	45	54.6	220	ug/Kg
105-60-2	Caprolactam	82	U	82	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	54.6	220	ug/Kg
90-12-0	1-Methylnaphthalene	31	U	31	54.6	220	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	54.6	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	31	U	31	54.6	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	54.6	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CG0	SDG No.:	BG070524
Lab Sample ID:	P2982-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.2
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
BG061910.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	54.6	220	ug/Kg
91-58-7	2-Chloronaphthalene	42	U	42	54.6	220	ug/Kg
88-74-4	2-Nitroaniline	58	U	58	54.6	220	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	54.6	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	54.6	220	ug/Kg
208-96-8	Acenaphthylene	37	U	37	54.6	220	ug/Kg
99-09-2	3-Nitroaniline	85	U	85	110	420	ug/Kg
83-32-9	Acenaphthene	33	U	33	54.6	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	420	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	420	ug/Kg
132-64-9	Dibenzofuran	35	U	35	54.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	54.6	220	ug/Kg
84-66-2	Diethylphthalate	42	U	42	54.6	220	ug/Kg
86-73-7	Fluorene	35	U	35	54.6	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	54.6	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	54.6	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	44	54.6	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	54.6	220	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	54.6	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	98	J	35	54.6	220	ug/Kg
608-93-5	Pentachlorobenzene	48	U	48	54.6	220	ug/Kg
120-12-7	Anthracene	32	U	32	54.6	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	54.6	220	ug/Kg
86-74-8	Carbazole	44	U	44	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	35	U	35	54.6	220	ug/Kg
206-44-0	Fluoranthene	180	J	24	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CG0	SDG No.:	BG070524
Lab Sample ID:	P2982-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.2
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
BG061910.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	160	J	23	54.6	220	ug/Kg
85-68-7	Butylbenzylphthalate	28	U	28	54.6	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67	U	67	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	94	J	30	54.6	220	ug/Kg
218-01-9	Chrysene	81	J	31	54.6	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	32	U	32	54.6	220	ug/Kg
117-84-0	Di-n-octyl phthalate	62	U	62	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	J	48	54.6	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	49	U	49	54.6	220	ug/Kg
50-32-8	Benzo(a)pyrene	81	J	40	54.6	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	J	36	54.6	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	54.6	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53	J	41	54.6	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	54.6	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.071		15-120		26	SPK: -8
7291-22-7	Pyridine-d5	10.097		20-120		25	SPK: -40
4165-62-2	Phenol-d5	16.359		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.822		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.727		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	16.289		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	18.049		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.872		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.346		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.401		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.985		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	18.984		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.575		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	18.841		20-140		47	SPK: -40

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CG0	SDG No.:	BG070524
Lab Sample ID:	P2982-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.2
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
BG061910.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.799		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	18.247		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	19.122		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.052		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43707	8.095				
1146-65-2	Naphthalene-d8	223633	10.904				
15067-26-2	Acenaphthene-d10	159662	14.717				
1517-22-2	Phenanthrene-d10	365448	17.455				
1719-03-5	Chrysene-d12	322362	21.721				
1520-96-3	Perylene-d12	391655	24.958				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain	24.030	290	J		24.03	
E966796	Total Alkanes		290			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4CT8	SDG No.:	BG070524
Lab Sample ID:	P2982-25	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.4
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
BG061911.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.4	75	ug/Kg
100-52-7	Benzaldehyde	65	U	65	93.1	370	ug/Kg
110-86-1	Pyridine	87	U	87	190	370	ug/Kg
108-95-2	Phenol	34	U	34	93.1	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	93.1	370	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	93.1	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	93.1	370	ug/Kg
98-86-2	Acetophenone	74	U	74	93.1	370	ug/Kg
106-44-5	4-Methylphenol	60	U	60	93.1	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	89	U	89	48	190	ug/Kg
67-72-1	Hexachloroethane	69	U	69	48	190	ug/Kg
98-95-3	Nitrobenzene	72	U	72	48	190	ug/Kg
78-59-1	Isophorone	74	U	74	48	190	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	48	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	48	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	48	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	48	190	ug/Kg
91-20-3	Naphthalene	27	U	27	48	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48	370	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48	190	ug/Kg
105-60-2	Caprolactam	72	U	72	93.1	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	48	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	48	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	48	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	93.1	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	48	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	48	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4CT8	SDG No.:	BG070524
Lab Sample ID:	P2982-25	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.4
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
BG061911.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	48	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	48	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	48	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48	190	ug/Kg
99-09-2	3-Nitroaniline	74	U	74	93.1	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	48	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	93.1	370	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	93.1	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	48	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	48	190	ug/Kg
86-73-7	Fluorene	30	U	30	48	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	93.1	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	93.1	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	48	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	48	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	48	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48	190	ug/Kg
1912-24-9	Atrazine	32	U	32	93.1	370	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	93.1	370	ug/Kg
85-01-8	Phenanthrene	96	J	30	48	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48	190	ug/Kg
120-12-7	Anthracene	28	U	28	48	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	48	190	ug/Kg
86-74-8	Carbazole	38	U	38	93.1	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	48	190	ug/Kg
206-44-0	Fluoranthene	230		21	93.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4CT8	SDG No.:	BG070524
Lab Sample ID:	P2982-25	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.4
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
BG061911.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	160	J	20	48	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	93.1	370	ug/Kg
56-55-3	Benzo(a)anthracene	94	J	26	48	190	ug/Kg
218-01-9	Chrysene	130	J	27	48	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	48	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	93.1	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	J	42	48	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	67	J	43	48	190	ug/Kg
50-32-8	Benzo(a)pyrene	67	J	35	48	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	62	J	32	48	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	48	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	48	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.613		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	25.56		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.546		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.85		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	23.117		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	30.419		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.205		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.915		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.126		1-145		25	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.039		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	29.737		15-120		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.588		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	29.509		20-140		74	SPK: -40

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4CT8	SDG No.:	BG070524
Lab Sample ID:	P2982-25	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.4
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
BG061911.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.365		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	29.134		10-150		73	SPK: -40
1718-52-1	Pyrene-d10	26.948		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.332		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	35814	8.094				
1146-65-2	Naphthalene-d8	177793	10.909				
15067-26-2	Acenaphthene-d10	131663	14.716				
1517-22-2	Phenanthrene-d10	303038	17.46				
1719-03-5	Chrysene-d12	265428	21.714				
1520-96-3	Perylene-d12	321217	24.957				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	93	J			4.017	
	unknown-02	120	J			5.168	
	unknown-03	87	J			9.804	
000770-35-4	1-Phenoxypropan-2-ol	250	J			11.637	
	(DEL) Alkane: Straight-Chain20.351	85	J			20.351	
005333-42-6	1-Dodecanol, 2-octyl-	520	J			21.355	
	(DEL) Alkane: Straight-Chain22.519	600	J			22.519	
014811-95-1	1,19-Eicosadiene	460	J			25.515	
	(DEL) Alkane: Straight-Chain26.132	580	J			26.132	
E966796	Total Alkanes	1300				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF5	SDG No.:	BG070524
Lab Sample ID:	P2982-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061912.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.9	79	ug/Kg
100-52-7	Benzaldehyde	69	U	69	98.4	390	ug/Kg
110-86-1	Pyridine	92	U	92	200	390	ug/Kg
108-95-2	Phenol	36	U	36	98.4	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	98.4	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.7	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	98.4	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	98.4	390	ug/Kg
98-86-2	Acetophenone	79	U	79	98.4	390	ug/Kg
106-44-5	4-Methylphenol	63	U	63	98.4	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	94	U	94	50.7	200	ug/Kg
67-72-1	Hexachloroethane	73	U	73	50.7	200	ug/Kg
98-95-3	Nitrobenzene	76	U	76	50.7	200	ug/Kg
78-59-1	Isophorone	79	U	79	50.7	200	ug/Kg
88-75-5	2-Nitrophenol	72	U	72	50.7	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50.7	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	50.7	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	50.7	200	ug/Kg
91-20-3	Naphthalene	29	U	29	50.7	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	50.7	390	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	50.7	200	ug/Kg
105-60-2	Caprolactam	76	U	76	98.4	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	50.7	200	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	50.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	50.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	98.4	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	50.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	50.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF5	SDG No.:	BG070524
Lab Sample ID:	P2982-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061912.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	50.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	50.7	200	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	50.7	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	50.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50.7	200	ug/Kg
208-96-8	Acenaphthylene	35	U	35	50.7	200	ug/Kg
99-09-2	3-Nitroaniline	79	U	79	98.4	390	ug/Kg
83-32-9	Acenaphthene	31	U	31	50.7	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	98.4	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	98.4	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	50.7	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	50.7	200	ug/Kg
86-73-7	Fluorene	32	U	32	50.7	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.7	200	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	98.4	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	98.4	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	50.7	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	50.7	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50.7	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	50.7	200	ug/Kg
1912-24-9	Atrazine	33	U	33	98.4	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	98.4	390	ug/Kg
85-01-8	Phenanthrene	47	J	32	50.7	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.7	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.7	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50.7	200	ug/Kg
86-74-8	Carbazole	41	U	41	98.4	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.7	200	ug/Kg
206-44-0	Fluoranthene	130	J	23	98.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF5	SDG No.:	BG070524
Lab Sample ID:	P2982-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061912.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	150	J	21	50.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	50.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	98.4	390	ug/Kg
56-55-3	Benzo(a)anthracene	73	J	27	50.7	200	ug/Kg
218-01-9	Chrysene	79	J	29	50.7	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	50.7	200	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	98.4	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	89	J	44	50.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	80	J	37	50.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42	J	33	50.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	50.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	J	38	50.7	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	50.7	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.041		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	17.55		20-120		44	SPK: -40
4165-62-2	Phenol-d5	25.206		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.619		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.221		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	24.608		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	28.698		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.513		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.605		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.604		1-145		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.865		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	29.718		15-120		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.05		10-150		65	SPK: -40
81103-79-9	Fluorene-d10	29.601		20-140		74	SPK: -40

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF5	SDG No.:	BG070524
Lab Sample ID:	P2982-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061912.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.435		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	27.982		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	28.366		10-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.631		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	29962	8.096				
1146-65-2	Naphthalene-d8	143177	10.905				
15067-26-2	Acenaphthene-d10	106374	14.718				
1517-22-2	Phenanthrene-d10	258730	17.456				
1719-03-5	Chrysene-d12	238419	21.715				
1520-96-3	Perylene-d12	283673	24.959				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	91	J			3.754	
1000397-03-6	carbamic acid, N-(2-hydroxy-4-nitr	81	J			11.639	
E966796	Total Alkanes	31	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BB9	SDG No.:	BG070524
Lab Sample ID:	P2982-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
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
BG061913.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34	U	34	8.3	84	ug/Kg
100-52-7	Benzaldehyde	73	U	73	100	410	ug/Kg
110-86-1	Pyridine	96	U	96	210	410	ug/Kg
108-95-2	Phenol	38	U	38	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53.3	210	ug/Kg
95-48-7	2-Methylphenol	39	U	39	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	50	U	50	100	410	ug/Kg
98-86-2	Acetophenone	83	U	83	100	410	ug/Kg
106-44-5	4-Methylphenol	66	U	66	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	99	U	99	53.3	210	ug/Kg
67-72-1	Hexachloroethane	76	U	76	53.3	210	ug/Kg
98-95-3	Nitrobenzene	80	U	80	53.3	210	ug/Kg
78-59-1	Isophorone	83	U	83	53.3	210	ug/Kg
88-75-5	2-Nitrophenol	75	U	75	53.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	53.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	56	U	56	53.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	53.3	210	ug/Kg
91-20-3	Naphthalene	30	U	30	53.3	210	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	53.3	410	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	53.3	210	ug/Kg
105-60-2	Caprolactam	80	U	80	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	53.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	53.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	53.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	53.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	53.3	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BB9	SDG No.:	BG070524
Lab Sample ID:	P2982-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
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
BG061913.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	53.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	53.3	210	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	53.3	210	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	53.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	53.3	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	53.3	210	ug/Kg
99-09-2	3-Nitroaniline	83	U	83	100	410	ug/Kg
83-32-9	Acenaphthene	33	U	33	53.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	410	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	410	ug/Kg
132-64-9	Dibenzofuran	34	U	34	53.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	44	U	44	53.3	210	ug/Kg
84-66-2	Diethylphthalate	41	U	41	53.3	210	ug/Kg
86-73-7	Fluorene	34	U	34	53.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.3	210	ug/Kg
100-01-6	4-Nitroaniline	30	U	30	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	30	U	30	53.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	43	U	43	53.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	53.3	210	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	53.3	210	ug/Kg
1912-24-9	Atrazine	35	U	35	100	410	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	410	ug/Kg
85-01-8	Phenanthrene	34	U	34	53.3	210	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	53.3	210	ug/Kg
120-12-7	Anthracene	31	U	31	53.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	53.3	210	ug/Kg
86-74-8	Carbazole	43	U	43	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	34	U	34	53.3	210	ug/Kg
206-44-0	Fluoranthene	24	U	24	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BB9	SDG No.:	BG070524
Lab Sample ID:	P2982-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
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
BG061913.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	23	U	23	53.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	28	U	28	53.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65	U	65	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	53.3	210	ug/Kg
218-01-9	Chrysene	30	U	30	53.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	31	U	31	53.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	60	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	46	U	46	53.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	53.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	53.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	53.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	53.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	53.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	53.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.499		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	16.268		20-120		41	SPK: -40
4165-62-2	Phenol-d5	23.83		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.584		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.299		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	25.211		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	25.104		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.309		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.156		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.368		1-145		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.128		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	27.869		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.896		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	26.749		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BB9	SDG No.:	BG070524
Lab Sample ID:	P2982-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
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
BG061913.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.142		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	26.905		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	26.915		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.131		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	33444	8.094				
1146-65-2	Naphthalene-d8	170389	10.908				
15067-26-2	Acenaphthene-d10	127893	14.715				
1517-22-2	Phenanthrene-d10	298759	17.459				
1719-03-5	Chrysene-d12	273187	21.719				
1520-96-3	Perylene-d12	324196	24.962				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	33	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF9	SDG No.:	BG070524
Lab Sample ID:	P2982-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.8
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
BG061914.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	7	71	ug/Kg
100-52-7	Benzaldehyde	62	U	62	87.6	350	ug/Kg
110-86-1	Pyridine	82	U	82	180	350	ug/Kg
108-95-2	Phenol	32	U	32	87.6	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	31	U	31	87.6	350	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	45.1	180	ug/Kg
95-48-7	2-Methylphenol	33	U	33	87.6	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	42	U	42	87.6	350	ug/Kg
98-86-2	Acetophenone	70	U	70	87.6	350	ug/Kg
106-44-5	4-Methylphenol	56	U	56	87.6	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	84	U	84	45.1	180	ug/Kg
67-72-1	Hexachloroethane	65	U	65	45.1	180	ug/Kg
98-95-3	Nitrobenzene	68	U	68	45.1	180	ug/Kg
78-59-1	Isophorone	70	U	70	45.1	180	ug/Kg
88-75-5	2-Nitrophenol	64	U	64	45.1	180	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	45.1	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	45.1	180	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	45.1	180	ug/Kg
91-20-3	Naphthalene	25	U	25	45.1	180	ug/Kg
106-47-8	4-Chloroaniline	38	U	38	45.1	350	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	45.1	180	ug/Kg
105-60-2	Caprolactam	68	U	68	87.6	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	45.1	180	ug/Kg
90-12-0	1-Methylnaphthalene	25	U	25	45.1	180	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	45.1	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	87.6	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	25	U	25	45.1	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	35	U	35	45.1	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF9	SDG No.:	BG070524
Lab Sample ID:	P2982-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.8
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
BG061914.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	45.1	180	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	45.1	180	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	45.1	180	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	45.1	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	45.1	180	ug/Kg
208-96-8	Acenaphthylene	31	U	31	45.1	180	ug/Kg
99-09-2	3-Nitroaniline	70	U	70	87.6	350	ug/Kg
83-32-9	Acenaphthene	28	U	28	45.1	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	87.6	350	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	87.6	350	ug/Kg
132-64-9	Dibenzofuran	29	U	29	45.1	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	37	U	37	45.1	180	ug/Kg
84-66-2	Diethylphthalate	35	U	35	45.1	180	ug/Kg
86-73-7	Fluorene	29	U	29	45.1	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	45.1	180	ug/Kg
100-01-6	4-Nitroaniline	25	U	25	87.6	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	40	U	40	87.6	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	25	U	25	45.1	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36	U	36	45.1	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	45.1	180	ug/Kg
118-74-1	Hexachlorobenzene	30	U	30	45.1	180	ug/Kg
1912-24-9	Atrazine	30	U	30	87.6	350	ug/Kg
87-86-5	Pentachlorophenol	93	U	93	87.6	350	ug/Kg
85-01-8	Phenanthrene	29	U	29	45.1	180	ug/Kg
608-93-5	Pentachlorobenzene	39	U	39	45.1	180	ug/Kg
120-12-7	Anthracene	27	U	27	45.1	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	45.1	180	ug/Kg
86-74-8	Carbazole	36	U	36	87.6	350	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	45.1	180	ug/Kg
206-44-0	Fluoranthene	20	U	20	87.6	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF9	SDG No.:	BG070524
Lab Sample ID:	P2982-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.8
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061914.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	19	U	19	45.1	180	ug/Kg
85-68-7	Butylbenzylphthalate	23	U	23	45.1	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	87.6	350	ug/Kg
56-55-3	Benzo(a)anthracene	24	U	24	45.1	180	ug/Kg
218-01-9	Chrysene	25	U	25	45.1	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	27	U	27	45.1	180	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	87.6	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	39	45.1	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	40	U	40	45.1	180	ug/Kg
50-32-8	Benzo(a)pyrene	33	U	33	45.1	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30	U	30	45.1	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	45.1	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	45.1	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	45.1	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.165		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	18.182		20-120		45	SPK: -40
4165-62-2	Phenol-d5	24.785		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.511		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.518		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	22.533		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	27.162		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.851		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.403		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.524		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.613		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	26.231		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.181		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	26.008		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF9	SDG No.:	BG070524
Lab Sample ID:	P2982-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.8
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
BG061914.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.459		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	26.029		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	26.833		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.015		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42995	8.096				
1146-65-2	Naphthalene-d8	223164	10.91				
15067-26-2	Acenaphthene-d10	173437	14.717				
1517-22-2	Phenanthrene-d10	394636	17.461				
1719-03-5	Chrysene-d12	350883	21.715				
1520-96-3	Perylene-d12	428816	24.958				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain	21.357				21.357	
E966796	Total Alkanes	73	J			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC7	SDG No.:	BG070524
Lab Sample ID:	P2982-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061915.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

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	86.7	350	ug/Kg
110-86-1	Pyridine	81	U	81	170	350	ug/Kg
108-95-2	Phenol	32	U	32	86.7	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	30	U	30	86.7	350	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	44.7	180	ug/Kg
95-48-7	2-Methylphenol	33	U	33	86.7	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	42	U	42	86.7	350	ug/Kg
98-86-2	Acetophenone	69	U	69	86.7	350	ug/Kg
106-44-5	4-Methylphenol	56	U	56	86.7	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	83	U	83	44.7	180	ug/Kg
67-72-1	Hexachloroethane	64	U	64	44.7	180	ug/Kg
98-95-3	Nitrobenzene	67	U	67	44.7	180	ug/Kg
78-59-1	Isophorone	69	U	69	44.7	180	ug/Kg
88-75-5	2-Nitrophenol	63	U	63	44.7	180	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	44.7	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	44.7	180	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	44.7	180	ug/Kg
91-20-3	Naphthalene	25	U	25	44.7	180	ug/Kg
106-47-8	4-Chloroaniline	38	U	38	44.7	350	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	44.7	180	ug/Kg
105-60-2	Caprolactam	67	U	67	86.7	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	44.7	180	ug/Kg
90-12-0	1-Methylnaphthalene	25	U	25	44.7	180	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	44.7	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	86.7	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	25	U	25	44.7	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	35	U	35	44.7	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC7	SDG No.:	BG070524
Lab Sample ID:	P2982-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061915.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	44.7	180	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	44.7	180	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	44.7	180	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	44.7	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	44.7	180	ug/Kg
208-96-8	Acenaphthylene	30	U	30	44.7	180	ug/Kg
99-09-2	3-Nitroaniline	69	U	69	86.7	350	ug/Kg
83-32-9	Acenaphthene	27	U	27	44.7	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	86.7	350	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	86.7	350	ug/Kg
132-64-9	Dibenzofuran	28	U	28	44.7	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	37	U	37	44.7	180	ug/Kg
84-66-2	Diethylphthalate	35	U	35	44.7	180	ug/Kg
86-73-7	Fluorene	28	U	28	44.7	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	44.7	180	ug/Kg
100-01-6	4-Nitroaniline	25	U	25	86.7	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	40	U	40	86.7	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	25	U	25	44.7	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36	U	36	44.7	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27	U	27	44.7	180	ug/Kg
118-74-1	Hexachlorobenzene	29	U	29	44.7	180	ug/Kg
1912-24-9	Atrazine	29	U	29	86.7	350	ug/Kg
87-86-5	Pentachlorophenol	93	U	93	86.7	350	ug/Kg
85-01-8	Phenanthrene	28	U	28	44.7	180	ug/Kg
608-93-5	Pentachlorobenzene	39	U	39	44.7	180	ug/Kg
120-12-7	Anthracene	26	U	26	44.7	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	44.7	180	ug/Kg
86-74-8	Carbazole	36	U	36	86.7	350	ug/Kg
84-74-2	Di-n-butylphthalate	28	U	28	44.7	180	ug/Kg
206-44-0	Fluoranthene	20	U	20	86.7	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC7	SDG No.:	BG070524
Lab Sample ID:	P2982-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061915.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	19	U	19	44.7	180	ug/Kg
85-68-7	Butylbenzylphthalate	23	U	23	44.7	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	86.7	350	ug/Kg
56-55-3	Benzo(a)anthracene	24	U	24	44.7	180	ug/Kg
218-01-9	Chrysene	25	U	25	44.7	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	26	U	26	44.7	180	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	86.7	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	39	44.7	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	40	U	40	44.7	180	ug/Kg
50-32-8	Benzo(a)pyrene	33	U	33	44.7	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29	U	29	44.7	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27	U	27	44.7	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	44.7	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	44.7	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.497		15-120		81	SPK: -8
7291-22-7	Pyridine-d5	28.989		20-120		72	SPK: -40
4165-62-2	Phenol-d5	39.616		10-130		99	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	37.674		10-150		94	SPK: -40
93951-73-6	2-Chlorophenol-d4	40.2		15-120		100	SPK: -40
190780-66-6	4-Methylphenol-d8	41.705		10-140		104	SPK: -40
4165-60-0	Nitrobenzene-d5	43.728		10-135		109	SPK: -40
93951-78-1	2-Nitrophenol-d4	45.753		10-120		114	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	43.358		10-140		108	SPK: -40
191656-33-4	4-Chloroaniline-d4	39.208		1-145		98	SPK: -40
85448-30-2	Dimethylphthalate-d6	45.529		10-145		114	SPK: -40
93951-97-4	Acenaphthylene-d8	46.49		15-120		116	SPK: -40
93951-79-2	4-Nitrophenol-d4	43.658		10-150		109	SPK: -40
81103-79-9	Fluorene-d10	46.894		20-140		117	SPK: -40

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC7	SDG No.:	BG070524
Lab Sample ID:	P2982-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.2
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
BG061915.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	43.152		10-130		108	SPK: -40
1719-06-8	Anthracene-d10	47.373		10-150		118	SPK: -40
1718-52-1	Pyrene-d10	46.935		10-130		117	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	51.064		10-140		128	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	32338	8.097				
1146-65-2	Naphthalene-d8	166790	10.906				
15067-26-2	Acenaphthene-d10	123313	14.719				
1517-22-2	Phenanthrene-d10	285113	17.457				
1719-03-5	Chrysene-d12	261440	21.716				
1520-96-3	Perylene-d12	306278	24.96				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	120	J			3.755	
	unknown-02	87	J			9.807	
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.634	
1000406-33-2	Isobutyl tetracosyl ether	110	J			21.352	
E966796	Total Alkanes	27	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	SLCS678	SDG No.:	BG070524
Lab Sample ID:	PB161678BS	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
BG061916.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	350		27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1000		58	82.5	330	ug/Kg
110-86-1	Pyridine	800		77	170	330	ug/Kg
108-95-2	Phenol	970		30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	890		29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1000		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	960		31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	810		40	82.5	330	ug/Kg
98-86-2	Acetophenone	950		66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	930		53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	880		79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1000		61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	980		64	42.5	170	ug/Kg
78-59-1	Isophorone	860		66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1000		60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	710		32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	860		45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		38	42.5	170	ug/Kg
91-20-3	Naphthalene	990		24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	840		36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1000		35	42.5	170	ug/Kg
105-60-2	Caprolactam	1000		64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	970		24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1000		32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	580		97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	SLCS678	SDG No.:	BG070524
Lab Sample ID:	PB161678BS	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
BG061916.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	970		26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	960		33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1100		45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	930		30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	960		29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1100		66	82.5	330	ug/Kg
83-32-9	Acenaphthene	970		26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	1100		130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1200		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	990		27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	950		33	42.5	170	ug/Kg
86-73-7	Fluorene	980		27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1100		24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1000		24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1100		28	42.5	170	ug/Kg
1912-24-9	Atrazine	510		28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	960		88	82.5	330	ug/Kg
85-01-8	Phenanthrene	1000		27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1100		37	42.5	170	ug/Kg
120-12-7	Anthracene	970		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1100		17	42.5	170	ug/Kg
86-74-8	Carbazole	1000		34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	990		27	42.5	170	ug/Kg
206-44-0	Fluoranthene	1000		19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	SLCS678	SDG No.:	BG070524
Lab Sample ID:	PB161678BS	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
BG061916.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1000		18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	970		22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1000		23	42.5	170	ug/Kg
218-01-9	Chrysene	1000		24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	970		25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	960		31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	950		36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.641		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	23.737		20-120		59	SPK: -40
4165-62-2	Phenol-d5	28.878		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.057		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.159		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	29.009		10-140		73	SPK: -40
4165-60-0	Nitrobenzene-d5	31.114		10-135		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.831		10-120		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.007		10-140		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.552		1-145		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.405		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	30.265		15-120		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.143		10-150		78	SPK: -40
81103-79-9	Fluorene-d10	30.551		20-140		76	SPK: -40

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	SLCS678	SDG No.:	BG070524
Lab Sample ID:	PB161678BS	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
BG061916.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.329		10-130		88	SPK: -40
1719-06-8	Anthracene-d10	30.406		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	31.519		10-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.122		10-140		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	39570	8.094				
1146-65-2	Naphthalene-d8	205012	10.908				
15067-26-2	Acenaphthene-d10	156019	14.721				
1517-22-2	Phenanthrene-d10	352305	17.459				
1719-03-5	Chrysene-d12	309355	21.719				
1520-96-3	Perylene-d12	369559	24.962				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	SBLK717	SDG No.:	BG070524
Lab Sample ID:	PB161717BL	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
BG061918.D	1	6/25/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161717

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

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	SBLK717	SDG No.:	BG070524
Lab Sample ID:	PB161717BL	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
BG061918.D	1	6/25/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161717

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

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	SBLK717	SDG No.:	BG070524
Lab Sample ID:	PB161717BL	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
BG061918.D	1	6/25/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161717

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	4.794		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	21.938		20-120		55	SPK: -40
4165-62-2	Phenol-d5	25.489		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.748		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.33		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	26.622		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	27.462		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.66		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.131		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.226		1-145		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.061		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	27.644		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.32		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	27.479		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	SBLK717	SDG No.:	BG070524
Lab Sample ID:	PB161717BL	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
BG061918.D	1	6/25/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.467		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	28.03		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	27.772		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.962		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	34535	8.093				
1146-65-2	Naphthalene-d8	183361	10.907				
15067-26-2	Acenaphthene-d10	139437	14.715				
1517-22-2	Phenanthrene-d10	330715	17.458				
1719-03-5	Chrysene-d12	301016	21.718				
1520-96-3	Perylene-d12	361938	24.956				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF4	SDG No.:	BG070524
Lab Sample ID:	P2982-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061919.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.9	80	ug/Kg
100-52-7	Benzaldehyde	70	U	70	99	400	ug/Kg
110-86-1	Pyridine	92	U	92	200	400	ug/Kg
108-95-2	Phenol	36	U	36	99	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	99	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	99	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	99	400	ug/Kg
98-86-2	Acetophenone	79	U	79	99	400	ug/Kg
106-44-5	4-Methylphenol	64	U	64	99	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	95	U	95	51	200	ug/Kg
67-72-1	Hexachloroethane	73	U	73	51	200	ug/Kg
98-95-3	Nitrobenzene	77	U	77	51	200	ug/Kg
78-59-1	Isophorone	79	U	79	51	200	ug/Kg
88-75-5	2-Nitrophenol	72	U	72	51	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	51	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	51	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	51	200	ug/Kg
91-20-3	Naphthalene	73	J	29	51	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	51	400	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	51	200	ug/Kg
105-60-2	Caprolactam	77	U	77	99	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	51	200	ug/Kg
90-12-0	1-Methylnaphthalene	100	J	29	51	200	ug/Kg
91-57-6	2-Methylnaphthalene	92	J	38	51	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	99	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	51	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	51	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF4	SDG No.:	BG070524
Lab Sample ID:	P2982-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061919.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	51	200	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	51	200	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	51	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	51	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	51	200	ug/Kg
208-96-8	Acenaphthylene	63	J	35	51	200	ug/Kg
99-09-2	3-Nitroaniline	79	U	79	99	400	ug/Kg
83-32-9	Acenaphthene	140	J	31	51	200	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	99	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	99	400	ug/Kg
132-64-9	Dibenzofuran	120	J	32	51	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	51	200	ug/Kg
84-66-2	Diethylphthalate	40	U	40	51	200	ug/Kg
86-73-7	Fluorene	370		32	51	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51	200	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	99	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	99	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	51	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	51	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	51	200	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	51	200	ug/Kg
1912-24-9	Atrazine	34	U	34	99	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	99	400	ug/Kg
85-01-8	Phenanthrene	4600	E	32	51	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	51	200	ug/Kg
120-12-7	Anthracene	610		30	51	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	51	200	ug/Kg
86-74-8	Carbazole	60	J	41	99	400	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	51	200	ug/Kg
206-44-0	Fluoranthene	5700	E	23	99	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF4	SDG No.:	BG070524
Lab Sample ID:	P2982-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061919.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4900	E	22	51	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	51	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	99	400	ug/Kg
56-55-3	Benzo(a)anthracene	3000		28	51	200	ug/Kg
218-01-9	Chrysene	2800		29	51	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	41	J	30	51	200	ug/Kg
117-84-0	Di-n-octyl phthalate	58	U	58	99	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	3000		44	51	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		46	51	200	ug/Kg
50-32-8	Benzo(a)pyrene	1500		37	51	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	940		34	51	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	390		31	51	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	J	38	51	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	51	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.2		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	25.627		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.722		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.55		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	26.041		10-140		65	SPK: -40
4165-60-0	Nitrobenzene-d5	30.153		10-135		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.953		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.429		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.042		1-145		18	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.643		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	28.406		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.944		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	27.64		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF4	SDG No.:	BG070524
Lab Sample ID:	P2982-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061919.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.703		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	29.205		10-150		73	SPK: -40
1718-52-1	Pyrene-d10	24.113		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.919		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45221	8.094				
1146-65-2	Naphthalene-d8	225658	10.908				
15067-26-2	Acenaphthene-d10	165415	14.715				
1517-22-2	Phenanthrene-d10	351090	17.459				
1719-03-5	Chrysene-d12	322081	21.731				
1520-96-3	Perylene-d12	389998	24.968				
TENTATIVE IDENTIFIED COMPOUNDS							
000581-40-8	Naphthalene, 2,3-dimethyl-	300	J			14.04	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	210	J			15.497	
001689-64-1	9H-Fluoren-9-ol	230	J			16.049	
000229-95-8	6H-Dibenzo[b,d]-pyran	270	J			16.196	
1000383-71-3	2-Isopropyl-7-methylnaphthalene	300	J			16.425	
001730-37-6	9H-Fluorene, 1-methyl-	360	J			16.76	
001634-74-8	Benzene, 1,1-methylenebis[2-methy	240	J			16.983	
000486-25-9	9H-Fluoren-9-one	260	J			17.112	
036393-42-7	4-(4-Methylphenyl)benzaldehyde	280	J			17.189	
000233-02-3	Naphtho[2,1-b]thiophene	340	J			17.277	
000262-89-5	Dibenzo[a,e]cyclooctene	230	J			17.976	
007372-88-5	Dibenzothiophene, 4-methyl-	400	J			18.041	
016587-52-3	Dibenzothiophene, 3-methyl-	210	J			18.182	
000832-69-9	Phenanthrene, 1-methyl-	1400	J			18.334	
002531-84-2	Phenanthrene, 2-methyl-	1600	J			18.381	
000613-12-7	Anthracene, 2-methyl-	330	J			18.464	
000203-64-5	4H-Cyclopenta[def]phenanthrene	2200	J			18.523	

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF4	SDG No.:	BG070524
Lab Sample ID:	P2982-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061919.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
107426-38-0	Naphtho[2,3-b]norbornadiene	960	J			18.564	
000612-94-2	Naphthalene, 2-phenyl-	650	J			18.822	
000084-65-1	9,10-Anthracenedione	310	J			18.869	
003674-66-6	Phenanthrene, 2,5-dimethyl-	250	J			19.069	
001576-69-8	Phenanthrene, 2,7-dimethyl-	210	J			19.116	
002789-88-0	di-p-Tolylacetylene	220	J			19.157	
000781-43-1	9,10-Dimethylantracene	1100	J			19.239	
	unknown-01	440	J			19.298	
005737-13-3	Cyclopenta(def)phenanthrenone	1100	J			19.386	
002381-21-7	Pyrene, 1-methyl-	220	J			20.191	
	unknown-02	540	J			24.192	
000192-97-2	Benzo[e]pyrene	440	J			24.668	
	(DEL) Alkane: Straight-Chain26.137	650	J			26.137	
000135-48-8	Pentacene	450	J			29.163	
E966796	Total Alkanes	650				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BB8	SDG No.:	BG070524
Lab Sample ID:	P2982-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061920.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

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	39	U	39	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	110	430	ug/Kg
95-57-8	2-Chlorophenol	37	U	37	55.5	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	55.5	220	ug/Kg
67-72-1	Hexachloroethane	80	U	80	55.5	220	ug/Kg
98-95-3	Nitrobenzene	84	U	84	55.5	220	ug/Kg
78-59-1	Isophorone	86	U	86	55.5	220	ug/Kg
88-75-5	2-Nitrophenol	78	U	78	55.5	220	ug/Kg
105-67-9	2,4-Dimethylphenol	42	U	42	55.5	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	59	U	59	55.5	220	ug/Kg
120-83-2	2,4-Dichlorophenol	50	U	50	55.5	220	ug/Kg
91-20-3	Naphthalene	31	U	31	55.5	220	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	55.5	430	ug/Kg
87-68-3	Hexachlorobutadiene	46	U	46	55.5	220	ug/Kg
105-60-2	Caprolactam	84	U	84	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	55.5	220	ug/Kg
90-12-0	1-Methylnaphthalene	31	U	31	55.5	220	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	55.5	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	31	U	31	55.5	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	55.5	220	ug/Kg



Client:			Date Collected:	6/21/2024 12:00:00 AM		
Project:			Date Received:	6/21/2024 12:00:00 AM		
Client Sample ID:	A4BB8		SDG No.:	BG070524		
Lab Sample ID:	P2982-17		Matrix:	Solid		
Analytical Method:	SFAM_SVOC		% Moisture:	23.7		
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061920.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	55.5	220	ug/Kg
91-58-7	2-Chloronaphthalene	43	U	43	55.5	220	ug/Kg
88-74-4	2-Nitroaniline	59	U	59	55.5	220	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	55.5	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	55.5	220	ug/Kg
208-96-8	Acenaphthylene	38	U	38	55.5	220	ug/Kg
99-09-2	3-Nitroaniline	86	U	86	110	430	ug/Kg
83-32-9	Acenaphthene	34	U	34	55.5	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	55.5	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	46	U	46	55.5	220	ug/Kg
84-66-2	Diethylphthalate	43	U	43	55.5	220	ug/Kg
86-73-7	Fluorene	35	U	35	55.5	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	55.5	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	55.5	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	44	55.5	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	55.5	220	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	55.5	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	140	J	35	55.5	220	ug/Kg
608-93-5	Pentachlorobenzene	48	U	48	55.5	220	ug/Kg
120-12-7	Anthracene	33	U	33	55.5	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	55.5	220	ug/Kg
86-74-8	Carbazole	44	U	44	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	35	U	35	55.5	220	ug/Kg
206-44-0	Fluoranthene	190	J	25	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BB8	SDG No.:	BG070524
Lab Sample ID:	P2982-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061920.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	170	J	24	55.5	220	ug/Kg
85-68-7	Butylbenzylphthalate	29	U	29	55.5	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68	U	68	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	88	J	30	55.5	220	ug/Kg
218-01-9	Chrysene	84	J	31	55.5	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	33	U	33	55.5	220	ug/Kg
117-84-0	Di-n-octyl phthalate	63	U	63	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	J	48	55.5	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	50	U	50	55.5	220	ug/Kg
50-32-8	Benzo(a)pyrene	82	J	40	55.5	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49	J	37	55.5	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	55.5	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	67	J	42	55.5	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	55.5	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.489		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	11.2		20-120		28	SPK: -40
4165-62-2	Phenol-d5	19.065		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.654		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.429		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	19.482		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	20.952		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.659		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.042		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.55		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.183		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	21.236		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.203		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	20.555		20-140		51	SPK: -40

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BB8	SDG No.:	BG070524
Lab Sample ID:	P2982-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061920.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.384		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	20.831		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	21.036		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.661		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	46530	8.099				
1146-65-2	Naphthalene-d8	243304	10.908				
15067-26-2	Acenaphthene-d10	179487	14.715				
1517-22-2	Phenanthrene-d10	407374	17.459				
1719-03-5	Chrysene-d12	350126	21.719				
1520-96-3	Perylene-d12	432507	24.962				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	34	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF2	SDG No.:	BG070524
Lab Sample ID:	P2982-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.1
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
BG061921.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	7	71	ug/Kg
100-52-7	Benzaldehyde	62	U	62	87.6	350	ug/Kg
110-86-1	Pyridine	82	U	82	180	350	ug/Kg
108-95-2	Phenol	32	U	32	87.6	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	31	U	31	87.6	350	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	45.1	180	ug/Kg
95-48-7	2-Methylphenol	33	U	33	87.6	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	42	U	42	87.6	350	ug/Kg
98-86-2	Acetophenone	70	U	70	87.6	350	ug/Kg
106-44-5	4-Methylphenol	56	U	56	87.6	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	84	U	84	45.1	180	ug/Kg
67-72-1	Hexachloroethane	65	U	65	45.1	180	ug/Kg
98-95-3	Nitrobenzene	68	U	68	45.1	180	ug/Kg
78-59-1	Isophorone	70	U	70	45.1	180	ug/Kg
88-75-5	2-Nitrophenol	64	U	64	45.1	180	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	45.1	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	45.1	180	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	45.1	180	ug/Kg
91-20-3	Naphthalene	25	U	25	45.1	180	ug/Kg
106-47-8	4-Chloroaniline	38	U	38	45.1	350	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	45.1	180	ug/Kg
105-60-2	Caprolactam	68	U	68	87.6	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	45.1	180	ug/Kg
90-12-0	1-Methylnaphthalene	25	U	25	45.1	180	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	45.1	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	87.6	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	25	U	25	45.1	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	35	U	35	45.1	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF2	SDG No.:	BG070524
Lab Sample ID:	P2982-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.1
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
BG061921.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	45.1	180	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	45.1	180	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	45.1	180	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	45.1	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	45.1	180	ug/Kg
208-96-8	Acenaphthylene	31	U	31	45.1	180	ug/Kg
99-09-2	3-Nitroaniline	70	U	70	87.6	350	ug/Kg
83-32-9	Acenaphthene	28	U	28	45.1	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	87.6	350	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	87.6	350	ug/Kg
132-64-9	Dibenzofuran	29	U	29	45.1	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	37	U	37	45.1	180	ug/Kg
84-66-2	Diethylphthalate	35	U	35	45.1	180	ug/Kg
86-73-7	Fluorene	29	U	29	45.1	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	45.1	180	ug/Kg
100-01-6	4-Nitroaniline	25	U	25	87.6	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	40	U	40	87.6	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	25	U	25	45.1	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36	U	36	45.1	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	45.1	180	ug/Kg
118-74-1	Hexachlorobenzene	30	U	30	45.1	180	ug/Kg
1912-24-9	Atrazine	30	U	30	87.6	350	ug/Kg
87-86-5	Pentachlorophenol	93	U	93	87.6	350	ug/Kg
85-01-8	Phenanthrene	210		29	45.1	180	ug/Kg
608-93-5	Pentachlorobenzene	39	U	39	45.1	180	ug/Kg
120-12-7	Anthracene	40	J	27	45.1	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	45.1	180	ug/Kg
86-74-8	Carbazole	36	U	36	87.6	350	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	45.1	180	ug/Kg
206-44-0	Fluoranthene	430		20	87.6	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF2	SDG No.:	BG070524
Lab Sample ID:	P2982-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.1
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
BG061921.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	310		19	45.1	180	ug/Kg
85-68-7	Butylbenzylphthalate	23	U	23	45.1	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	87.6	350	ug/Kg
56-55-3	Benzo(a)anthracene	190		24	45.1	180	ug/Kg
218-01-9	Chrysene	230		25	45.1	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	J	27	45.1	180	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	87.6	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	290		39	45.1	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	40	45.1	180	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	33	45.1	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	97	J	30	45.1	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	38	J	28	45.1	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	45.1	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	45.1	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.34		15-120		29	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	17.577		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.848		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.936		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	16.742		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	20.116		10-135		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.462		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.433		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.006		1-145		8	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.635		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	21.26		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.363		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	20.631		20-140		52	SPK: -40

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF2	SDG No.:	BG070524
Lab Sample ID:	P2982-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.1
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
BG061921.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.889		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	20.603		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	18.362		10-130		46	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.917		10-140		35	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62419	8.095				
1146-65-2	Naphthalene-d8	309029	10.909				
15067-26-2	Acenaphthene-d10	212862	14.717				
1517-22-2	Phenanthrene-d10	471356	17.46				
1719-03-5	Chrysene-d12	410678	21.72				
1520-96-3	Perylene-d12	502859	24.963				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	73	J			5.169	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	110	J			18.054	
000638-53-9	Tridecanoic acid	150	J			18.336	
070362-47-9	2,2,4,5-Tetrachloro-1,1-biphenyl	140	J			18.518	
041464-48-6	1,1-Biphenyl, 3,3,4,5-tetrachlo	86	J			19.329	
041464-49-7	1,1-Biphenyl, 2,3,3,5-tetrachlo	140	J			19.37	
1000309-37-9	Oxalic acid, isobutyl tetradecyl e	360	J			21.35	
	(DEL) Alkane: Straight-Chain22.519	320	J			22.519	
014811-95-1	1,19-Eicosadiene	220	J			23.571	
007390-81-0	Oxirane, hexadecyl-	430	J			25.516	
E966796	Total Alkanes	320				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC2	SDG No.:	BG070524
Lab Sample ID:	P2982-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.5
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
BG061922.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.6	77	ug/Kg
100-52-7	Benzaldehyde	67	U	67	95.1	380	ug/Kg
110-86-1	Pyridine	89	U	89	190	380	ug/Kg
108-95-2	Phenol	35	U	35	95.1	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	95.1	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	49	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	95.1	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	95.1	380	ug/Kg
98-86-2	Acetophenone	76	U	76	95.1	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	95.1	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	91	U	91	49	200	ug/Kg
67-72-1	Hexachloroethane	70	U	70	49	200	ug/Kg
98-95-3	Nitrobenzene	74	U	74	49	200	ug/Kg
78-59-1	Isophorone	76	U	76	49	200	ug/Kg
88-75-5	2-Nitrophenol	69	U	69	49	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	49	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49	200	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	49	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	49	200	ug/Kg
105-60-2	Caprolactam	74	U	74	95.1	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	49	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	49	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	95.1	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	49	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC2	SDG No.:	BG070524
Lab Sample ID:	P2982-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.5
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
BG061922.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49	200	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	49	200	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	49	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49	200	ug/Kg
208-96-8	Acenaphthylene	33	U	33	49	200	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	95.1	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	49	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	95.1	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95.1	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	49	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	49	200	ug/Kg
84-66-2	Diethylphthalate	38	U	38	49	200	ug/Kg
86-73-7	Fluorene	31	U	31	49	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	95.1	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	95.1	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	49	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49	200	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	49	200	ug/Kg
1912-24-9	Atrazine	32	U	32	95.1	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	95.1	380	ug/Kg
85-01-8	Phenanthrene	31	U	31	49	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49	200	ug/Kg
120-12-7	Anthracene	29	U	29	49	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49	200	ug/Kg
86-74-8	Carbazole	39	U	39	95.1	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	49	200	ug/Kg
206-44-0	Fluoranthene	22	U	22	95.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC2	SDG No.:	BG070524
Lab Sample ID:	P2982-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.5
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
BG061922.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	49	200	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	49	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	95.1	380	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	49	200	ug/Kg
218-01-9	Chrysene	28	U	28	49	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	49	200	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	95.1	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	49	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49	200	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	49	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	49	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	49	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	49	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	49	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.557		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	16.264		20-120		41	SPK: -40
4165-62-2	Phenol-d5	22.408		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.971		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.516		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	24.485		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	27.774		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.303		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.177		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.348		1-145		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.995		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	25.82		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.655		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	25.869		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC2	SDG No.:	BG070524
Lab Sample ID:	P2982-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.5
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
BG061922.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.888		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	24.422		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	25.159		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.935		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	31191	8.093				
1146-65-2	Naphthalene-d8	161697	10.907				
15067-26-2	Acenaphthene-d10	129829	14.721				
1517-22-2	Phenanthrene-d10	311997	17.459				
1719-03-5	Chrysene-d12	275931	21.718				
1520-96-3	Perylene-d12	332004	24.956				
TENTATIVE IDENTIFIED COMPOUNDS							
007683-64-9	Supraene	140	J			23.404	
E966796	Total Alkanes	30	U			99	ug/Kg



Client:				Date Collected:	6/20/2024 12:00:00 AM	
Project:				Date Received:	6/20/2024 12:00:00 AM	
Client Sample ID:	A4CF0			SDG No.:	BG070524	
Lab Sample ID:	P2982-06			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	14.4	
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061923.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

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	96.1	380	ug/Kg
110-86-1	Pyridine	90	U	90	190	380	ug/Kg
108-95-2	Phenol	35	U	35	96.1	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	96.1	380	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.5	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	96.1	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	96.1	380	ug/Kg
98-86-2	Acetophenone	77	U	77	96.1	380	ug/Kg
106-44-5	4-Methylphenol	62	U	62	96.1	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	28	U	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	96.1	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	49.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	49.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	96.1	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	49.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF0	SDG No.:	BG070524
Lab Sample ID:	P2982-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061923.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	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	96.1	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	49.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	96.1	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	96.1	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	31	U	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	96.1	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	96.1	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	96.1	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	96.1	380	ug/Kg
85-01-8	Phenanthrene	360		31	49.5	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.5	200	ug/Kg
120-12-7	Anthracene	59	J	29	49.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49.5	200	ug/Kg
86-74-8	Carbazole	40	U	40	96.1	380	ug/Kg
84-74-2	Di-n-butylphthalate	90	J	31	49.5	200	ug/Kg
206-44-0	Fluoranthene	680		22	96.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF0	SDG No.:	BG070524
Lab Sample ID:	P2982-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061923.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	490		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	96.1	380	ug/Kg
56-55-3	Benzo(a)anthracene	290		27	49.5	200	ug/Kg
218-01-9	Chrysene	380		28	49.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	J	29	49.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	96.1	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	440		43	49.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	200		44	49.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	170	J	36	49.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	33	49.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	J	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	2.022		15-120		25	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	19.477		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.177		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.852		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	18.248		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	20.306		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.594		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.892		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.986		1-145		5	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.481		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	19.958		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.409		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	19.673		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF0	SDG No.:	BG070524
Lab Sample ID:	P2982-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061923.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.524		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	19.163		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	18.107		10-130		45	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.594		10-140		34	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	39948	8.097				
1146-65-2	Naphthalene-d8	210532	10.906				
15067-26-2	Acenaphthene-d10	158549	14.719				
1517-22-2	Phenanthrene-d10	363843	17.457				
1719-03-5	Chrysene-d12	309180	21.723				
1520-96-3	Perylene-d12	375972	24.966				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	100	J			5.166	
006270-44-6	1-(2-Hydroxy-4-methoxyphenyl)propa	130	J			16.335	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	140	J			18.051	
000779-02-2	Anthracene, 9-methyl-	170	J			18.333	
041464-46-4	1,1-Biphenyl, 2,3,4,6-tetrachlo	180	J			18.515	
070362-49-1	3,3,4,5-Tetrachloro-1,1-biphenyl	88	J			18.573	
073575-52-7	2,3,4,5-Tetrachloro-1,1-bipheny	130	J			19.326	
074472-33-6	2,3,3,6-Tetrachloro-1,1-biphenyl	210	J			19.367	
1000309-26-8	Oxalic acid, pentadecyl propyl est	350	J			21.352	
	(DEL) Alkane: Straight-Chain22.516	330	J			22.516	
E966796	Total Alkanes	330				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CT2	SDG No.:	BG070524
Lab Sample ID:	P2982-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061924.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	44	U	44	10.8	110	ug/Kg
100-52-7	Benzaldehyde	95	U	95	130	540	ug/Kg
110-86-1	Pyridine	130	U	130	270	540	ug/Kg
108-95-2	Phenol	49	U	49	130	540	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	130	540	ug/Kg
95-57-8	2-Chlorophenol	46	U	46	69.3	280	ug/Kg
95-48-7	2-Methylphenol	51	U	51	130	540	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	65	U	65	130	540	ug/Kg
98-86-2	Acetophenone	110	U	110	130	540	ug/Kg
106-44-5	4-Methylphenol	86	U	86	130	540	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	130	U	130	69.3	280	ug/Kg
67-72-1	Hexachloroethane	100	U	100	69.3	280	ug/Kg
98-95-3	Nitrobenzene	100	U	100	69.3	280	ug/Kg
78-59-1	Isophorone	110	U	110	69.3	280	ug/Kg
88-75-5	2-Nitrophenol	98	U	98	69.3	280	ug/Kg
105-67-9	2,4-Dimethylphenol	52	U	52	69.3	280	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	73	U	73	69.3	280	ug/Kg
120-83-2	2,4-Dichlorophenol	62	U	62	69.3	280	ug/Kg
91-20-3	Naphthalene	39	U	39	69.3	280	ug/Kg
106-47-8	4-Chloroaniline	59	U	59	69.3	540	ug/Kg
87-68-3	Hexachlorobutadiene	57	U	57	69.3	280	ug/Kg
105-60-2	Caprolactam	100	U	100	130	540	ug/Kg
59-50-7	4-Chloro-3-methylphenol	67	U	67	69.3	280	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	69.3	280	ug/Kg
91-57-6	2-Methylnaphthalene	52	U	52	69.3	280	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	130	540	ug/Kg
88-06-2	2,4,6-Trichlorophenol	39	U	39	69.3	280	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	54	69.3	280	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CT2	SDG No.:	BG070524
Lab Sample ID:	P2982-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061924.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	42	U	42	69.3	280	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	69.3	280	ug/Kg
88-74-4	2-Nitroaniline	73	U	73	69.3	280	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	69.3	280	ug/Kg
606-20-2	2,6-Dinitrotoluene	33	U	33	69.3	280	ug/Kg
208-96-8	Acenaphthylene	47	U	47	69.3	280	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	130	540	ug/Kg
83-32-9	Acenaphthene	42	U	42	69.3	280	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	130	540	ug/Kg
100-02-7	4-Nitrophenol	72	U	72	130	540	ug/Kg
132-64-9	Dibenzofuran	44	U	44	69.3	280	ug/Kg
121-14-2	2,4-Dinitrotoluene	57	U	57	69.3	280	ug/Kg
84-66-2	Diethylphthalate	54	U	54	69.3	280	ug/Kg
86-73-7	Fluorene	44	U	44	69.3	280	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	33	U	33	69.3	280	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	130	540	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	62	U	62	130	540	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	69.3	280	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	69.3	280	ug/Kg
101-55-3	4-Bromophenyl-phenylether	42	U	42	69.3	280	ug/Kg
118-74-1	Hexachlorobenzene	46	U	46	69.3	280	ug/Kg
1912-24-9	Atrazine	46	U	46	130	540	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	130	540	ug/Kg
85-01-8	Phenanthrene	390		44	69.3	280	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	69.3	280	ug/Kg
120-12-7	Anthracene	58	J	41	69.3	280	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	28	U	28	69.3	280	ug/Kg
86-74-8	Carbazole	55	U	55	130	540	ug/Kg
84-74-2	Di-n-butylphthalate	44	U	44	69.3	280	ug/Kg
206-44-0	Fluoranthene	870		31	130	280	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CT2	SDG No.:	BG070524
Lab Sample ID:	P2982-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061924.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	580		29	69.3	280	ug/Kg
85-68-7	Butylbenzylphthalate	36	U	36	69.3	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	85	U	85	130	540	ug/Kg
56-55-3	Benzo(a)anthracene	360		38	69.3	280	ug/Kg
218-01-9	Chrysene	470		39	69.3	280	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	230	J	41	69.3	280	ug/Kg
117-84-0	Di-n-octyl phthalate	78	U	78	130	540	ug/Kg
205-99-2	Benzo(b)fluoranthene	600		60	69.3	280	ug/Kg
207-08-9	Benzo(k)fluoranthene	210	J	62	69.3	280	ug/Kg
50-32-8	Benzo(a)pyrene	200	J	51	69.3	280	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	J	46	69.3	280	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81	J	42	69.3	280	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52	U	52	69.3	280	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	59	U	59	69.3	280	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.282		15-120		29	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	17.015		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.301		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.315		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	15.518		10-140		39	SPK: -40
4165-60-0	Nitrobenzene-d5	18.607		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.16		10-120		48	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.832		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.754		1-145		7	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.13		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	18.803		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.019		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	18.911		20-140		47	SPK: -40

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CT2	SDG No.:	BG070524
Lab Sample ID:	P2982-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061924.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.013		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	18.453		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	16.486		10-130		41	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.407		10-140		29	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	35107	8.1				
1146-65-2	Naphthalene-d8	181805	10.908				
15067-26-2	Acenaphthene-d10	143317	14.715				
1517-22-2	Phenanthrene-d10	334772	17.459				
1719-03-5	Chrysene-d12	285167	21.719				
1520-96-3	Perylene-d12	351724	24.962				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	190	J			5.162	
000203-64-5	4H-Cyclopenta[def]phenanthrene	120	J			18.523	
E966796	Total Alkanes	42	U			99	ug/Kg



Client:				Date Collected:	6/19/2024 12:00:00 AM	
Project:				Date Received:	6/19/2024 12:00:00 AM	
Client Sample ID:	A4CT2MS			SDG No.:	BG070524	
Lab Sample ID:	P2982-02MS			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	38.7	
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
BG061925.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	120		44	10.7	110	ug/Kg
100-52-7	Benzaldehyde	120	J	94	130	540	ug/Kg
110-86-1	Pyridine	130	U	130	270	540	ug/Kg
108-95-2	Phenol	200	J	49	130	540	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	180	J	47	130	540	ug/Kg
95-57-8	2-Chlorophenol	200	J	46	69.1	280	ug/Kg
95-48-7	2-Methylphenol	150	J	50	130	540	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	180	J	65	130	540	ug/Kg
98-86-2	Acetophenone	200	J	110	130	540	ug/Kg
106-44-5	4-Methylphenol	170	J	86	130	540	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	180	J	130	69.1	280	ug/Kg
67-72-1	Hexachloroethane	170	J	99	69.1	280	ug/Kg
98-95-3	Nitrobenzene	210	J	100	69.1	280	ug/Kg
78-59-1	Isophorone	180	J	110	69.1	280	ug/Kg
88-75-5	2-Nitrophenol	190	J	98	69.1	280	ug/Kg
105-67-9	2,4-Dimethylphenol	52	U	52	69.1	280	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	180	J	73	69.1	280	ug/Kg
120-83-2	2,4-Dichlorophenol	210	J	62	69.1	280	ug/Kg
91-20-3	Naphthalene	210	J	39	69.1	280	ug/Kg
106-47-8	4-Chloroaniline	100	J	59	69.1	540	ug/Kg
87-68-3	Hexachlorobutadiene	230	J	57	69.1	280	ug/Kg
105-60-2	Caprolactam	190	J	100	130	540	ug/Kg
59-50-7	4-Chloro-3-methylphenol	210	J	67	69.1	280	ug/Kg
90-12-0	1-Methylnaphthalene	210	J	39	69.1	280	ug/Kg
91-57-6	2-Methylnaphthalene	220	J	52	69.1	280	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	130	540	ug/Kg
88-06-2	2,4,6-Trichlorophenol	230	J	39	69.1	280	ug/Kg
95-95-4	2,4,5-Trichlorophenol	220	J	54	69.1	280	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CT2MS	SDG No.:	BG070524
Lab Sample ID:	P2982-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.7
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
BG061925.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	200	J	42	69.1	280	ug/Kg
91-58-7	2-Chloronaphthalene	210	J	54	69.1	280	ug/Kg
88-74-4	2-Nitroaniline	230	J	73	69.1	280	ug/Kg
131-11-3	Dimethylphthalate	210	J	49	69.1	280	ug/Kg
606-20-2	2,6-Dinitrotoluene	220	J	33	69.1	280	ug/Kg
208-96-8	Acenaphthylene	220	J	47	69.1	280	ug/Kg
99-09-2	3-Nitroaniline	210	J	110	130	540	ug/Kg
83-32-9	Acenaphthene	220	J	42	69.1	280	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	130	540	ug/Kg
100-02-7	4-Nitrophenol	240	J	72	130	540	ug/Kg
132-64-9	Dibenzofuran	220	J	44	69.1	280	ug/Kg
121-14-2	2,4-Dinitrotoluene	230	J	57	69.1	280	ug/Kg
84-66-2	Diethylphthalate	210	J	54	69.1	280	ug/Kg
86-73-7	Fluorene	240	J	44	69.1	280	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	220	J	33	69.1	280	ug/Kg
100-01-6	4-Nitroaniline	250	J	39	130	540	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	170	J	62	130	540	ug/Kg
86-30-6	N-Nitrosodiphenylamine	240	J	39	69.1	280	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	220	J	55	69.1	280	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250	J	42	69.1	280	ug/Kg
118-74-1	Hexachlorobenzene	190	J	46	69.1	280	ug/Kg
1912-24-9	Atrazine	170	J	46	130	540	ug/Kg
87-86-5	Pentachlorophenol	150	J	140	130	540	ug/Kg
85-01-8	Phenanthrene	310		44	69.1	280	ug/Kg
608-93-5	Pentachlorobenzene	210	J	60	69.1	280	ug/Kg
120-12-7	Anthracene	220	J	41	69.1	280	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	270	J	28	69.1	280	ug/Kg
86-74-8	Carbazole	210	J	55	130	540	ug/Kg
84-74-2	Di-n-butylphthalate	240	J	44	69.1	280	ug/Kg
206-44-0	Fluoranthene	380		31	130	280	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CT2MS	SDG No.:	BG070524
Lab Sample ID:	P2982-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.7
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
BG061925.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	280		29	69.1	280	ug/Kg
85-68-7	Butylbenzylphthalate	230	J	36	69.1	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	J	85	130	540	ug/Kg
56-55-3	Benzo(a)anthracene	300		37	69.1	280	ug/Kg
218-01-9	Chrysene	310		39	69.1	280	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	270	J	41	69.1	280	ug/Kg
117-84-0	Di-n-octyl phthalate	230	J	78	130	540	ug/Kg
205-99-2	Benzo(b)fluoranthene	330		60	69.1	280	ug/Kg
207-08-9	Benzo(k)fluoranthene	280		62	69.1	280	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	50	69.1	280	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	J	46	69.1	280	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	240	J	42	69.1	280	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52	U	52	69.1	280	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	230	J	59	69.1	280	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.15	*	15-120		2	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	2.805	*	10-130		7	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	2.78	*	10-150		7	SPK: -40
93951-73-6	2-Chlorophenol-d4	2.691	*	15-120		7	SPK: -40
190780-66-6	4-Methylphenol-d8	2.384	*	10-140		6	SPK: -40
4165-60-0	Nitrobenzene-d5	3.037	*	10-135		8	SPK: -40
93951-78-1	2-Nitrophenol-d4	3.31	*	10-120		8	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	3.187	*	10-140		8	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.377		1-145		3	SPK: -40
85448-30-2	Dimethylphthalate-d6	3.16	*	10-145		8	SPK: -40
93951-97-4	Acenaphthylene-d8	3.264	*	15-120		8	SPK: -40
93951-79-2	4-Nitrophenol-d4	2.739	*	10-150		7	SPK: -40
81103-79-9	Fluorene-d10	3.337	*	20-140		8	SPK: -40

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CT2MS	SDG No.:	BG070524
Lab Sample ID:	P2982-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.7
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
BG061925.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.681	*	10-130		7	SPK: -40
1719-06-8	Anthracene-d10	3.328	*	10-150		8	SPK: -40
1718-52-1	Pyrene-d10	2.926	*	10-130		7	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	2.272	*	10-140		6	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	34820	8.094				
1146-65-2	Naphthalene-d8	175412	10.908				
15067-26-2	Acenaphthene-d10	133347	14.716				
1517-22-2	Phenanthrene-d10	304997	17.46				
1719-03-5	Chrysene-d12	266503	21.719				
1520-96-3	Perylene-d12	318902	24.957				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	42	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CT2MSD	SDG No.:	BG070524
Lab Sample ID:	P2982-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061926.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	90	J	44	10.7	110	ug/Kg
100-52-7	Benzaldehyde	150	J	94	130	540	ug/Kg
110-86-1	Pyridine	130	U	130	270	540	ug/Kg
108-95-2	Phenol	210	J	49	130	540	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	170	J	47	130	540	ug/Kg
95-57-8	2-Chlorophenol	220	J	46	69.1	280	ug/Kg
95-48-7	2-Methylphenol	170	J	50	130	540	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	200	J	65	130	540	ug/Kg
98-86-2	Acetophenone	220	J	110	130	540	ug/Kg
106-44-5	4-Methylphenol	190	J	86	130	540	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	210	J	130	69.1	280	ug/Kg
67-72-1	Hexachloroethane	160	J	99	69.1	280	ug/Kg
98-95-3	Nitrobenzene	220	J	100	69.1	280	ug/Kg
78-59-1	Isophorone	190	J	110	69.1	280	ug/Kg
88-75-5	2-Nitrophenol	210	J	98	69.1	280	ug/Kg
105-67-9	2,4-Dimethylphenol	52	U	52	69.1	280	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	180	J	73	69.1	280	ug/Kg
120-83-2	2,4-Dichlorophenol	250	J	62	69.1	280	ug/Kg
91-20-3	Naphthalene	230	J	39	69.1	280	ug/Kg
106-47-8	4-Chloroaniline	120	J	59	69.1	540	ug/Kg
87-68-3	Hexachlorobutadiene	240	J	57	69.1	280	ug/Kg
105-60-2	Caprolactam	180	J	100	130	540	ug/Kg
59-50-7	4-Chloro-3-methylphenol	240	J	67	69.1	280	ug/Kg
90-12-0	1-Methylnaphthalene	230	J	39	69.1	280	ug/Kg
91-57-6	2-Methylnaphthalene	240	J	52	69.1	280	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	130	540	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240	J	39	69.1	280	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	J	54	69.1	280	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CT2MSD	SDG No.:	BG070524
Lab Sample ID:	P2982-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061926.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	240	J	42	69.1	280	ug/Kg
91-58-7	2-Chloronaphthalene	240	J	54	69.1	280	ug/Kg
88-74-4	2-Nitroaniline	250	J	73	69.1	280	ug/Kg
131-11-3	Dimethylphthalate	220	J	49	69.1	280	ug/Kg
606-20-2	2,6-Dinitrotoluene	270	J	33	69.1	280	ug/Kg
208-96-8	Acenaphthylene	230	J	47	69.1	280	ug/Kg
99-09-2	3-Nitroaniline	260	J	110	130	540	ug/Kg
83-32-9	Acenaphthene	240	J	42	69.1	280	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	130	540	ug/Kg
100-02-7	4-Nitrophenol	270	J	72	130	540	ug/Kg
132-64-9	Dibenzofuran	250	J	44	69.1	280	ug/Kg
121-14-2	2,4-Dinitrotoluene	260	J	57	69.1	280	ug/Kg
84-66-2	Diethylphthalate	230	J	54	69.1	280	ug/Kg
86-73-7	Fluorene	250	J	44	69.1	280	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	260	J	33	69.1	280	ug/Kg
100-01-6	4-Nitroaniline	250	J	39	130	540	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	190	J	62	130	540	ug/Kg
86-30-6	N-Nitrosodiphenylamine	250	J	39	69.1	280	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	250	J	55	69.1	280	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250	J	42	69.1	280	ug/Kg
118-74-1	Hexachlorobenzene	210	J	46	69.1	280	ug/Kg
1912-24-9	Atrazine	180	J	46	130	540	ug/Kg
87-86-5	Pentachlorophenol	160	J	140	130	540	ug/Kg
85-01-8	Phenanthrene	330		44	69.1	280	ug/Kg
608-93-5	Pentachlorobenzene	220	J	60	69.1	280	ug/Kg
120-12-7	Anthracene	240	J	41	69.1	280	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	270	J	28	69.1	280	ug/Kg
86-74-8	Carbazole	240	J	55	130	540	ug/Kg
84-74-2	Di-n-butylphthalate	270	J	44	69.1	280	ug/Kg
206-44-0	Fluoranthene	420		31	130	280	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CT2MSD	SDG No.:	BG070524
Lab Sample ID:	P2982-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061926.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	320		29	69.1	280	ug/Kg
85-68-7	Butylbenzylphthalate	260	J	36	69.1	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	170	J	85	130	540	ug/Kg
56-55-3	Benzo(a)anthracene	330		37	69.1	280	ug/Kg
218-01-9	Chrysene	350		39	69.1	280	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290		41	69.1	280	ug/Kg
117-84-0	Di-n-octyl phthalate	260	J	78	130	540	ug/Kg
205-99-2	Benzo(b)fluoranthene	380		60	69.1	280	ug/Kg
207-08-9	Benzo(k)fluoranthene	290		62	69.1	280	ug/Kg
50-32-8	Benzo(a)pyrene	150	J	50	69.1	280	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220	J	46	69.1	280	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	290		42	69.1	280	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52	U	52	69.1	280	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	240	J	59	69.1	280	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.177	*	15-120		2	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	3.104	*	10-130		8	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	3.147	*	10-150		8	SPK: -40
93951-73-6	2-Chlorophenol-d4	3.326	*	15-120		8	SPK: -40
190780-66-6	4-Methylphenol-d8	2.43	*	10-140		6	SPK: -40
4165-60-0	Nitrobenzene-d5	3.888		10-135		10	SPK: -40
93951-78-1	2-Nitrophenol-d4	3.641	*	10-120		9	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	3.871		10-140		10	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.353		1-145		3	SPK: -40
85448-30-2	Dimethylphthalate-d6	3.702	*	10-145		9	SPK: -40
93951-97-4	Acenaphthylene-d8	3.408	*	15-120		9	SPK: -40
93951-79-2	4-Nitrophenol-d4	2.954	*	10-150		7	SPK: -40
81103-79-9	Fluorene-d10	3.746	*	20-140		9	SPK: -40

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CT2MSD	SDG No.:	BG070524
Lab Sample ID:	P2982-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061926.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.064	*	10-130		8	SPK: -40
1719-06-8	Anthracene-d10	3.502	*	10-150		9	SPK: -40
1718-52-1	Pyrene-d10	3.277	*	10-130		8	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	2.328	*	10-140		6	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	33799	8.096				
1146-65-2	Naphthalene-d8	171921	10.911				
15067-26-2	Acenaphthene-d10	127103	14.718				
1517-22-2	Phenanthrene-d10	295473	17.462				
1719-03-5	Chrysene-d12	256169	21.722				
1520-96-3	Perylene-d12	307053	24.959				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	42	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4BB5	SDG No.:	BG070524
Lab Sample ID:	P3010-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.4
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
BG061927.D	1	6/25/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161717

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	91.1	360	ug/Kg
110-86-1	Pyridine	85	U	85	180	360	ug/Kg
108-95-2	Phenol	33	U	33	91.1	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	91.1	360	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	46.9	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	91.1	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44	U	44	91.1	360	ug/Kg
98-86-2	Acetophenone	73	U	73	91.1	360	ug/Kg
106-44-5	4-Methylphenol	58	U	58	91.1	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	87	U	87	46.9	190	ug/Kg
67-72-1	Hexachloroethane	67	U	67	46.9	190	ug/Kg
98-95-3	Nitrobenzene	71	U	71	46.9	190	ug/Kg
78-59-1	Isophorone	73	U	73	46.9	190	ug/Kg
88-75-5	2-Nitrophenol	66	U	66	46.9	190	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	46.9	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	46.9	190	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	46.9	190	ug/Kg
91-20-3	Naphthalene	26	U	26	46.9	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	46.9	360	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	46.9	190	ug/Kg
105-60-2	Caprolactam	71	U	71	91.1	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	46.9	190	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	46.9	190	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	46.9	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	91.1	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26	U	26	46.9	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	36	U	36	46.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4BB5	SDG No.:	BG070524
Lab Sample ID:	P3010-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.4
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
BG061927.D	1	6/25/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	46.9	190	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	46.9	190	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	46.9	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	46.9	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	46.9	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	46.9	190	ug/Kg
99-09-2	3-Nitroaniline	73	U	73	91.1	360	ug/Kg
83-32-9	Acenaphthene	29	U	29	46.9	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	91.1	360	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	91.1	360	ug/Kg
132-64-9	Dibenzofuran	30	U	30	46.9	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	46.9	190	ug/Kg
84-66-2	Diethylphthalate	36	U	36	46.9	190	ug/Kg
86-73-7	Fluorene	30	U	30	46.9	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.9	190	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	91.1	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	91.1	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	46.9	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	46.9	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	46.9	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	46.9	190	ug/Kg
1912-24-9	Atrazine	31	U	31	91.1	360	ug/Kg
87-86-5	Pentachlorophenol	97	U	97	91.1	360	ug/Kg
85-01-8	Phenanthrene	30	U	30	46.9	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	46.9	190	ug/Kg
120-12-7	Anthracene	28	U	28	46.9	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	46.9	190	ug/Kg
86-74-8	Carbazole	38	U	38	91.1	360	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	46.9	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	91.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4BB5	SDG No.:	BG070524
Lab Sample ID:	P3010-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.4
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
BG061927.D	1	6/25/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	46.9	190	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	46.9	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	91.1	360	ug/Kg
56-55-3	Benzo(a)anthracene	25	U	25	46.9	190	ug/Kg
218-01-9	Chrysene	26	U	26	46.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	46.9	190	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	91.1	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	46.9	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	46.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	46.9	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	46.9	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	46.9	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	46.9	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	46.9	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.073		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	13.826		20-120		35	SPK: -40
4165-62-2	Phenol-d5	20.601		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.566		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.207		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	23.464		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	23.046		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.537		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.167		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.167		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.491		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	24.63		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.487		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	25.698		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4BB5	SDG No.:	BG070524
Lab Sample ID:	P3010-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.4
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
BG061927.D	1	6/25/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.391		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	25.332		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	26.134		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.12		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	39836	8.089				
1146-65-2	Naphthalene-d8	208197	10.909				
15067-26-2	Acenaphthene-d10	159207	14.717				
1517-22-2	Phenanthrene-d10	366738	17.461				
1719-03-5	Chrysene-d12	324231	21.72				
1520-96-3	Perylene-d12	378851	24.964				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-15-3	(S)-(+)-1,2-Propanediol	86	J			3.759	
000770-35-4	1-Phenoxypropan-2-ol	76	J			11.638	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4BB4	SDG No.:	BG070524
Lab Sample ID:	P3010-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15
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
BG061928.D	1	6/25/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.7	78	ug/Kg
100-52-7	Benzaldehyde	68	U	68	96.7	390	ug/Kg
110-86-1	Pyridine	90	U	90	190	390	ug/Kg
108-95-2	Phenol	35	U	35	96.7	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	96.7	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.8	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	96.7	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	96.7	390	ug/Kg
98-86-2	Acetophenone	77	U	77	96.7	390	ug/Kg
106-44-5	4-Methylphenol	62	U	62	96.7	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	93	U	93	49.8	200	ug/Kg
67-72-1	Hexachloroethane	72	U	72	49.8	200	ug/Kg
98-95-3	Nitrobenzene	75	U	75	49.8	200	ug/Kg
78-59-1	Isophorone	77	U	77	49.8	200	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	49.8	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	49.8	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	49.8	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	49.8	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49.8	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	49.8	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	49.8	200	ug/Kg
105-60-2	Caprolactam	75	U	75	96.7	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	49.8	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49.8	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	49.8	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	96.7	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49.8	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	49.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4BB4	SDG No.:	BG070524
Lab Sample ID:	P3010-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15
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
BG061928.D	1	6/25/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49.8	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	49.8	200	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	49.8	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49.8	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49.8	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	49.8	200	ug/Kg
99-09-2	3-Nitroaniline	77	U	77	96.7	390	ug/Kg
83-32-9	Acenaphthene	30	U	30	49.8	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	96.7	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	96.7	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	49.8	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	49.8	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	49.8	200	ug/Kg
86-73-7	Fluorene	32	U	32	49.8	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.8	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	96.7	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	96.7	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49.8	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	49.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49.8	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	49.8	200	ug/Kg
1912-24-9	Atrazine	33	U	33	96.7	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	96.7	390	ug/Kg
85-01-8	Phenanthrene	32	U	32	49.8	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.8	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.8	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49.8	200	ug/Kg
86-74-8	Carbazole	40	U	40	96.7	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	49.8	200	ug/Kg
206-44-0	Fluoranthene	22	U	22	96.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4BB4	SDG No.:	BG070524
Lab Sample ID:	P3010-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15
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
BG061928.D	1	6/25/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	49.8	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	49.8	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	96.7	390	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	49.8	200	ug/Kg
218-01-9	Chrysene	28	U	28	49.8	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	49.8	200	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	96.7	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	49.8	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	49.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	49.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	49.8	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	49.8	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	49.8	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	49.8	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.01		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	14.622		20-120		37	SPK: -40
4165-62-2	Phenol-d5	21.123		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.38		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.852		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	22.583		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	24.556		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.093		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.112		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.626		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.314		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	25.442		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.879		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	26.169		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4BB4	SDG No.:	BG070524
Lab Sample ID:	P3010-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15
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
BG061928.D	1	6/25/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.463		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	25.919		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	25.661		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.427		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45903	8.098				
1146-65-2	Naphthalene-d8	228052	10.906				
15067-26-2	Acenaphthene-d10	166741	14.719				
1517-22-2	Phenanthrene-d10	385636	17.457				
1719-03-5	Chrysene-d12	354699	21.717				
1520-96-3	Perylene-d12	430323	24.966				
TENTATIVE IDENTIFIED COMPOUNDS							
000067-63-0	Isopropyl Alcohol	260	J			3.756	
001119-40-0	Pentanedioic acid, dimethyl ester	81	J			9.807	
000770-35-4	1-Phenoxypropan-2-ol	290	J			11.635	
030719-66-5	1-(Ethenesulfonyl)dodecane	93	J			21.358	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4BB3	SDG No.:	BG070524
Lab Sample ID:	P3010-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.6
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
BG061929.D	1	6/25/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	35	U	35	8.5	86	ug/Kg
100-52-7	Benzaldehyde	75	U	75	110	430	ug/Kg
110-86-1	Pyridine	99	U	99	210	430	ug/Kg
108-95-2	Phenol	39	U	39	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	110	430	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	54.9	220	ug/Kg
95-48-7	2-Methylphenol	40	U	40	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	52	U	52	110	430	ug/Kg
98-86-2	Acetophenone	85	U	85	110	430	ug/Kg
106-44-5	4-Methylphenol	68	U	68	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	54.9	220	ug/Kg
67-72-1	Hexachloroethane	79	U	79	54.9	220	ug/Kg
98-95-3	Nitrobenzene	83	U	83	54.9	220	ug/Kg
78-59-1	Isophorone	85	U	85	54.9	220	ug/Kg
88-75-5	2-Nitrophenol	78	U	78	54.9	220	ug/Kg
105-67-9	2,4-Dimethylphenol	41	U	41	54.9	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	58	U	58	54.9	220	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	54.9	220	ug/Kg
91-20-3	Naphthalene	31	U	31	54.9	220	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	54.9	430	ug/Kg
87-68-3	Hexachlorobutadiene	45	U	45	54.9	220	ug/Kg
105-60-2	Caprolactam	83	U	83	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	54.9	220	ug/Kg
90-12-0	1-Methylnaphthalene	31	U	31	54.9	220	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	54.9	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	31	U	31	54.9	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	54.9	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4BB3	SDG No.:	BG070524
Lab Sample ID:	P3010-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.6
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
BG061929.D	1	6/25/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	54.9	220	ug/Kg
91-58-7	2-Chloronaphthalene	43	U	43	54.9	220	ug/Kg
88-74-4	2-Nitroaniline	58	U	58	54.9	220	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	54.9	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	54.9	220	ug/Kg
208-96-8	Acenaphthylene	37	U	37	54.9	220	ug/Kg
99-09-2	3-Nitroaniline	85	U	85	110	430	ug/Kg
83-32-9	Acenaphthene	34	U	34	54.9	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	430	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	430	ug/Kg
132-64-9	Dibenzofuran	35	U	35	54.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	54.9	220	ug/Kg
84-66-2	Diethylphthalate	43	U	43	54.9	220	ug/Kg
86-73-7	Fluorene	35	U	35	54.9	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	54.9	220	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	31	U	31	54.9	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	44	54.9	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	54.9	220	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	54.9	220	ug/Kg
1912-24-9	Atrazine	36	U	36	110	430	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	110	430	ug/Kg
85-01-8	Phenanthrene	35	U	35	54.9	220	ug/Kg
608-93-5	Pentachlorobenzene	48	U	48	54.9	220	ug/Kg
120-12-7	Anthracene	32	U	32	54.9	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	54.9	220	ug/Kg
86-74-8	Carbazole	44	U	44	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	35	U	35	54.9	220	ug/Kg
206-44-0	Fluoranthene	25	U	25	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4BB3	SDG No.:	BG070524
Lab Sample ID:	P3010-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.6
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
BG061929.D	1	6/25/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	23	U	23	54.9	220	ug/Kg
85-68-7	Butylbenzylphthalate	28	U	28	54.9	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67	U	67	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	30	U	30	54.9	220	ug/Kg
218-01-9	Chrysene	31	U	31	54.9	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	32	U	32	54.9	220	ug/Kg
117-84-0	Di-n-octyl phthalate	62	U	62	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	54.9	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	49	U	49	54.9	220	ug/Kg
50-32-8	Benzo(a)pyrene	40	U	40	54.9	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	54.9	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	54.9	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	54.9	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	54.9	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.408		15-120		30	SPK: -8
7291-22-7	Pyridine-d5	13.846		20-120		35	SPK: -40
4165-62-2	Phenol-d5	20.854		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.874		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.142		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	22.784		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	22.174		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.591		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.97		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.745		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.663		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	25.128		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.674		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	25.202		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4BB3	SDG No.:	BG070524
Lab Sample ID:	P3010-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.6
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
BG061929.D	1	6/25/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.861		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	23.997		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	25.645		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.877		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	46502	8.096				
1146-65-2	Naphthalene-d8	241760	10.91				
15067-26-2	Acenaphthene-d10	179614	14.717				
1517-22-2	Phenanthrene-d10	426173	17.461				
1719-03-5	Chrysene-d12	377638	21.721				
1520-96-3	Perylene-d12	452210	24.964				
TENTATIVE IDENTIFIED COMPOUNDS							
000067-63-0	Isopropyl Alcohol	340	J			3.754	
000770-35-4	1-Phenoxypropan-2-ol	390	J			11.639	
	(DEL) Alkane: Straight-Chain	21.357	J			21.357	
E966796	Total Alkanes	100				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4B69	SDG No.:	BG070524
Lab Sample ID:	P3010-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.8
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
BG061930.D	1	6/25/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	43	U	43	10.4	110	ug/Kg
100-52-7	Benzaldehyde	92	U	92	130	520	ug/Kg
110-86-1	Pyridine	120	U	120	260	520	ug/Kg
108-95-2	Phenol	47	U	47	130	520	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	130	520	ug/Kg
95-57-8	2-Chlorophenol	44	U	44	67.2	270	ug/Kg
95-48-7	2-Methylphenol	49	U	49	130	520	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63	U	63	130	520	ug/Kg
98-86-2	Acetophenone	100	U	100	130	520	ug/Kg
106-44-5	4-Methylphenol	84	U	84	130	520	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	130	U	130	67.2	270	ug/Kg
67-72-1	Hexachloroethane	97	U	97	67.2	270	ug/Kg
98-95-3	Nitrobenzene	100	U	100	67.2	270	ug/Kg
78-59-1	Isophorone	100	U	100	67.2	270	ug/Kg
88-75-5	2-Nitrophenol	95	U	95	67.2	270	ug/Kg
105-67-9	2,4-Dimethylphenol	51	U	51	67.2	270	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	71	U	71	67.2	270	ug/Kg
120-83-2	2,4-Dichlorophenol	60	U	60	67.2	270	ug/Kg
91-20-3	Naphthalene	38	U	38	67.2	270	ug/Kg
106-47-8	4-Chloroaniline	57	U	57	67.2	520	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	67.2	270	ug/Kg
105-60-2	Caprolactam	100	U	100	130	520	ug/Kg
59-50-7	4-Chloro-3-methylphenol	65	U	65	67.2	270	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	67.2	270	ug/Kg
91-57-6	2-Methylnaphthalene	51	U	51	67.2	270	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	130	520	ug/Kg
88-06-2	2,4,6-Trichlorophenol	38	U	38	67.2	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	67.2	270	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4B69	SDG No.:	BG070524
Lab Sample ID:	P3010-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.8
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
BG061930.D	1	6/25/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	41	U	41	67.2	270	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	67.2	270	ug/Kg
88-74-4	2-Nitroaniline	71	U	71	67.2	270	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	67.2	270	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	67.2	270	ug/Kg
208-96-8	Acenaphthylene	46	U	46	67.2	270	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	130	520	ug/Kg
83-32-9	Acenaphthene	41	U	41	67.2	270	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	130	520	ug/Kg
100-02-7	4-Nitrophenol	70	U	70	130	520	ug/Kg
132-64-9	Dibenzofuran	43	U	43	67.2	270	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	67.2	270	ug/Kg
84-66-2	Diethylphthalate	52	U	52	67.2	270	ug/Kg
86-73-7	Fluorene	43	U	43	67.2	270	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	32	U	32	67.2	270	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	130	520	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	60	U	60	130	520	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	67.2	270	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	67.2	270	ug/Kg
101-55-3	4-Bromophenyl-phenylether	41	U	41	67.2	270	ug/Kg
118-74-1	Hexachlorobenzene	44	U	44	67.2	270	ug/Kg
1912-24-9	Atrazine	44	U	44	130	520	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	130	520	ug/Kg
85-01-8	Phenanthrene	79	J	43	67.2	270	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	67.2	270	ug/Kg
120-12-7	Anthracene	40	U	40	67.2	270	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	27	U	27	67.2	270	ug/Kg
86-74-8	Carbazole	54	U	54	130	520	ug/Kg
84-74-2	Di-n-butylphthalate	43	U	43	67.2	270	ug/Kg
206-44-0	Fluoranthene	160	J	30	130	270	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4B69	SDG No.:	BG070524
Lab Sample ID:	P3010-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.8
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
BG061930.D	1	6/25/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	110	J	28	67.2	270	ug/Kg
85-68-7	Butylbenzylphthalate	35	U	35	67.2	270	ug/Kg
91-94-1	3,3-Dichlorobenzidine	82	U	82	130	520	ug/Kg
56-55-3	Benzo(a)anthracene	77	J	36	67.2	270	ug/Kg
218-01-9	Chrysene	94	J	38	67.2	270	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	40	U	40	67.2	270	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	130	520	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	J	59	67.2	270	ug/Kg
207-08-9	Benzo(k)fluoranthene	60	U	60	67.2	270	ug/Kg
50-32-8	Benzo(a)pyrene	49	U	49	67.2	270	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	67.2	270	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	41	U	41	67.2	270	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	U	51	67.2	270	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	57	U	57	67.2	270	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.274		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	21.459		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.924		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.677		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	21.53		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	23.757		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.147		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.145		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.409		1-145		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.995		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	24.773		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.957		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	25.185		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4B69	SDG No.:	BG070524
Lab Sample ID:	P3010-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.8
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
BG061930.D	1	6/25/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.186		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	23.946		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	22.176		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.316		10-140		41	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44288	8.091				
1146-65-2	Naphthalene-d8	224212	10.911				
15067-26-2	Acenaphthene-d10	163833	14.718				
1517-22-2	Phenanthrene-d10	382066	17.462				
1719-03-5	Chrysene-d12	333468	21.722				
1520-96-3	Perylene-d12	406400	24.959				
TENTATIVE IDENTIFIED COMPOUNDS							
000067-63-0	Isopropyl Alcohol	320	J			3.755	
000770-35-4	1-Phenoxypropan-2-ol	380	J			11.64	
1000351-74-9	Octacosyl trifluoroacetate	120	J			21.352	
1000438-94-8	Undecanoic acid, tridecyl ester	310	J			23.009	
	(DEL) Alkane: Straight-Chain	24.672	J			24.672	
E966796	Total Alkanes	300				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4B67	SDG No.:	BG070524
Lab Sample ID:	P3010-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061931.D	1	6/25/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8	81	ug/Kg
100-52-7	Benzaldehyde	70	U	70	99.8	400	ug/Kg
110-86-1	Pyridine	93	U	93	200	400	ug/Kg
108-95-2	Phenol	36	U	36	99.8	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	99.8	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.4	210	ug/Kg
95-48-7	2-Methylphenol	37	U	37	99.8	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	99.8	400	ug/Kg
98-86-2	Acetophenone	80	U	80	99.8	400	ug/Kg
106-44-5	4-Methylphenol	64	U	64	99.8	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	96	U	96	51.4	210	ug/Kg
67-72-1	Hexachloroethane	74	U	74	51.4	210	ug/Kg
98-95-3	Nitrobenzene	77	U	77	51.4	210	ug/Kg
78-59-1	Isophorone	80	U	80	51.4	210	ug/Kg
88-75-5	2-Nitrophenol	73	U	73	51.4	210	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	51.4	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	51.4	210	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	51.4	210	ug/Kg
91-20-3	Naphthalene	29	U	29	51.4	210	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	51.4	400	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	51.4	210	ug/Kg
105-60-2	Caprolactam	77	U	77	99.8	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	51.4	210	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	51.4	210	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	51.4	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	99.8	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	51.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	51.4	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4B67	SDG No.:	BG070524
Lab Sample ID:	P3010-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061931.D	1	6/25/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	51.4	210	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	51.4	210	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	51.4	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	51.4	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	51.4	210	ug/Kg
208-96-8	Acenaphthylene	35	U	35	51.4	210	ug/Kg
99-09-2	3-Nitroaniline	80	U	80	99.8	400	ug/Kg
83-32-9	Acenaphthene	31	U	31	51.4	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	99.8	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	99.8	400	ug/Kg
132-64-9	Dibenzofuran	33	U	33	51.4	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	51.4	210	ug/Kg
84-66-2	Diethylphthalate	40	U	40	51.4	210	ug/Kg
86-73-7	Fluorene	33	U	33	51.4	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.4	210	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	99.8	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	99.8	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	51.4	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	51.4	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	51.4	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	51.4	210	ug/Kg
1912-24-9	Atrazine	34	U	34	99.8	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	99.8	400	ug/Kg
85-01-8	Phenanthrene	33	U	33	51.4	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	51.4	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.4	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	51.4	210	ug/Kg
86-74-8	Carbazole	41	U	41	99.8	400	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	51.4	210	ug/Kg
206-44-0	Fluoranthene	23	U	23	99.8	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4B67	SDG No.:	BG070524
Lab Sample ID:	P3010-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061931.D	1	6/25/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	22	U	22	51.4	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	51.4	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	99.8	400	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	51.4	210	ug/Kg
218-01-9	Chrysene	29	U	29	51.4	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	51.4	210	ug/Kg
117-84-0	Di-n-octyl phthalate	58	U	58	99.8	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	45	U	45	51.4	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.4	210	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	51.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	51.4	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	51.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	51.4	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	51.4	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.616		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	14.653		20-120		37	SPK: -40
4165-62-2	Phenol-d5	19.833		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.329		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.828		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	22.021		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	22.881		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.914		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.542		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.343		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.664		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	24.419		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.665		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	25.321		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4B67	SDG No.:	BG070524
Lab Sample ID:	P3010-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061931.D	1	6/25/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.14		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	24.512		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	25.337		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.657		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41104	8.096				
1146-65-2	Naphthalene-d8	202836	10.91				
15067-26-2	Acenaphthene-d10	154053	14.718				
1517-22-2	Phenanthrene-d10	370979	17.462				
1719-03-5	Chrysene-d12	337773	21.721				
1520-96-3	Perylene-d12	403697	24.959				
TENTATIVE IDENTIFIED COMPOUNDS							
004696-30-4	1-Butene, 4-methoxy	230	J			3.754	
000770-35-4	1-Phenoxypropan-2-ol	260	J			11.639	
E966796	Total Alkanes	31	U			99	ug/Kg



Client:				Date Collected:	6/24/2024 12:00:00 AM	
Project:				Date Received:	6/24/2024 12:00:00 AM	
Client Sample ID:	A4CG4			SDG No.:	BG070524	
Lab Sample ID:	P3010-22			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	13.6	
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
BG061932.D	1	6/25/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.6	77	ug/Kg
100-52-7	Benzaldehyde	67	U	67	95.2	380	ug/Kg
110-86-1	Pyridine	89	U	89	190	380	ug/Kg
108-95-2	Phenol	35	U	35	95.2	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	95.2	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	49	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	95.2	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	95.2	380	ug/Kg
98-86-2	Acetophenone	76	U	76	95.2	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	95.2	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	91	U	91	49	200	ug/Kg
67-72-1	Hexachloroethane	70	U	70	49	200	ug/Kg
98-95-3	Nitrobenzene	74	U	74	49	200	ug/Kg
78-59-1	Isophorone	76	U	76	49	200	ug/Kg
88-75-5	2-Nitrophenol	69	U	69	49	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	49	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	49	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	49	200	ug/Kg
105-60-2	Caprolactam	74	U	74	95.2	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	49	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	49	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	95.2	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	49	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CG4	SDG No.:	BG070524
Lab Sample ID:	P3010-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.6
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
BG061932.D	1	6/25/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49	200	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	49	200	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	49	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49	200	ug/Kg
208-96-8	Acenaphthylene	33	U	33	49	200	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	95.2	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	49	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	95.2	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95.2	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	49	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	49	200	ug/Kg
84-66-2	Diethylphthalate	38	U	38	49	200	ug/Kg
86-73-7	Fluorene	31	U	31	49	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	95.2	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	95.2	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	49	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49	200	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	49	200	ug/Kg
1912-24-9	Atrazine	32	U	32	95.2	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	95.2	380	ug/Kg
85-01-8	Phenanthrene	31	U	31	49	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49	200	ug/Kg
120-12-7	Anthracene	29	U	29	49	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49	200	ug/Kg
86-74-8	Carbazole	39	U	39	95.2	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	49	200	ug/Kg
206-44-0	Fluoranthene	22	U	22	95.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CG4	SDG No.:	BG070524
Lab Sample ID:	P3010-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.6
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
BG061932.D	1	6/25/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	49	200	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	49	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	95.2	380	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	49	200	ug/Kg
218-01-9	Chrysene	28	U	28	49	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	49	200	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	95.2	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	49	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49	200	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	49	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	49	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	49	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	49	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	49	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.199		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	16.277		20-120		41	SPK: -40
4165-62-2	Phenol-d5	21.508		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.902		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.108		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	22.496		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	25.261		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.626		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.928		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.209		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.797		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	25.371		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.824		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	25.592		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CG4	SDG No.:	BG070524
Lab Sample ID:	P3010-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.6
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
BG061932.D	1	6/25/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.791		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	25.997		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	26.448		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.609		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	47504	8.094				
1146-65-2	Naphthalene-d8	233588	10.908				
15067-26-2	Acenaphthene-d10	174842	14.716				
1517-22-2	Phenanthrene-d10	414602	17.46				
1719-03-5	Chrysene-d12	371715	21.719				
1520-96-3	Perylene-d12	451231	24.963				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	110	J			3.752	
000770-35-4	1-Phenoxypropan-2-ol	93	J			11.637	
1000406-40-8	Butyl docosyl ether	100	J			21.355	
E966796	Total Alkanes	30	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4CT2								
P2982-01	A4CT2	Solid	4H-Cyclopenta[def]phenanthrene *	120.000	J			
P2982-01	A4CT2	Solid	unknown-01 *	190.000	J			
P2982-01	A4CT2	Solid	Total Alkanes *	0.000		42	280	ug/Kg
Total Tics :				310.00				
P2982-01	A4CT2	Solid	Anthracene	58.000	J	41	280	ug/Kg
P2982-01	A4CT2	Solid	Benzo(a)anthracene	360.000		38	280	ug/Kg
P2982-01	A4CT2	Solid	Benzo(a)pyrene	200.000	J	51	280	ug/Kg
P2982-01	A4CT2	Solid	Benzo(b)fluoranthene	600.000		60	280	ug/Kg
P2982-01	A4CT2	Solid	Benzo(k)fluoranthene	210.000	J	62	280	ug/Kg
P2982-01	A4CT2	Solid	Bis(2-ethylhexyl)phthalate	230.000	J	41	280	ug/Kg
P2982-01	A4CT2	Solid	Chrysene	470.000		39	280	ug/Kg
P2982-01	A4CT2	Solid	Dibenzo(a,h)anthracene	81.000	J	42	280	ug/Kg
P2982-01	A4CT2	Solid	Fluoranthene	870.000		31	280	ug/Kg
P2982-01	A4CT2	Solid	Indeno(1,2,3-cd)pyrene	180.000	J	46	280	ug/Kg
P2982-01	A4CT2	Solid	Phenanthrene	390.000		44	280	ug/Kg
P2982-01	A4CT2	Solid	Pyrene	580.000		29	280	ug/Kg
Total Svoc :				4,229.00				
Total Concentration:				4,539.00				
Client ID : A4CF0								
P2982-06	A4CF0	Solid	(DEL) Alkane: Straight-Chain22.5 *	330.000	J			
P2982-06	A4CF0	Solid	1,1-Biphenyl, 2,3,4,6-tetrachlo *	180.000	J			
P2982-06	A4CF0	Solid	1,1-Biphenyl, 2,4,4-trichloro- *	140.000	J			
P2982-06	A4CF0	Solid	1-(2-Hydroxy-4-methoxyphenyl)p *	130.000	J			
P2982-06	A4CF0	Solid	2,3,3,6-Tetrachloro-1,1-biphenyl *	210.000	J			
P2982-06	A4CF0	Solid	2,3,4,5-Tetrachloro-1,1-bipheny *	130.000	J			
P2982-06	A4CF0	Solid	3,3,4,5-Tetrachloro-1,1-biphenyl *	88.000	J			
P2982-06	A4CF0	Solid	Anthracene, 9-methyl- *	170.000	J			
P2982-06	A4CF0	Solid	Oxalic acid, pentadecyl propyl est *	350.000	J			
P2982-06	A4CF0	Solid	unknown-01 *	100.000	J			
P2982-06	A4CF0	Solid	Total Alkanes *	330.000		30	200	ug/Kg
Total Tics :				2,158.00				
P2982-06	A4CF0	Solid	Anthracene	59.000	J	29	200	ug/Kg
P2982-06	A4CF0	Solid	Benzo(a)anthracene	290.000		27	200	ug/Kg
P2982-06	A4CF0	Solid	Benzo(a)pyrene	170.000	J	36	200	ug/Kg
P2982-06	A4CF0	Solid	Benzo(b)fluoranthene	440.000		43	200	ug/Kg
P2982-06	A4CF0	Solid	Benzo(k)fluoranthene	200.000		44	200	ug/Kg
P2982-06	A4CF0	Solid	Bis(2-ethylhexyl)phthalate	120.000	J	29	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2982-06	A4CF0	Solid	Chrysene	380.000		28	200	ug/Kg
P2982-06	A4CF0	Solid	Di-n-butylphthalate	90.000	J	31	200	ug/Kg
P2982-06	A4CF0	Solid	Dibenzo(a,h)anthracene	61.000	J	30	200	ug/Kg
P2982-06	A4CF0	Solid	Fluoranthene	680.000		22	200	ug/Kg
P2982-06	A4CF0	Solid	Indeno(1,2,3-cd)pyrene	150.000	J	33	200	ug/Kg
P2982-06	A4CF0	Solid	Phenanthrene	360.000		31	200	ug/Kg
P2982-06	A4CF0	Solid	Pyrene	490.000		21	200	ug/Kg
Total Svoc :				3,490.00				
Total Concentration:				5,648.00				
Client ID : A4CF2								
P2982-07	A4CF2	Solid	(DEL) Alkane: Straight-Chain22.5 *	320.000	J			
P2982-07	A4CF2	Solid	1,1-Biphenyl, 2,3,3,5-tetrachloro *	140.000	J			
P2982-07	A4CF2	Solid	1,1-Biphenyl, 2,4,4-trichloro- *	110.000	J			
P2982-07	A4CF2	Solid	1,1-Biphenyl, 3,3,4,5-tetrachloro *	86.000	J			
P2982-07	A4CF2	Solid	1,19-Eicosadiene *	220.000	J			
P2982-07	A4CF2	Solid	2,2,4,5-Tetrachloro-1,1-biphenyl *	140.000	J			
P2982-07	A4CF2	Solid	Oxalic acid, isobutyl tetradecyl ester *	360.000	J			
P2982-07	A4CF2	Solid	Oxirane, hexadecyl- *	430.000	J			
P2982-07	A4CF2	Solid	Tridecanoic acid *	150.000	J			
P2982-07	A4CF2	Solid	unknown-01 *	73.000	J			
P2982-07	A4CF2	Solid	Total Alkanes *	320.000		28	180	ug/Kg
Total Tics :				2,349.00				
P2982-07	A4CF2	Solid	Anthracene	40.000	J	27	180	ug/Kg
P2982-07	A4CF2	Solid	Benzo(a)anthracene	190.000		24	180	ug/Kg
P2982-07	A4CF2	Solid	Benzo(a)pyrene	120.000	J	33	180	ug/Kg
P2982-07	A4CF2	Solid	Benzo(b)fluoranthene	290.000		39	180	ug/Kg
P2982-07	A4CF2	Solid	Benzo(k)fluoranthene	110.000	J	40	180	ug/Kg
P2982-07	A4CF2	Solid	Bis(2-ethylhexyl)phthalate	130.000	J	27	180	ug/Kg
P2982-07	A4CF2	Solid	Chrysene	230.000		25	180	ug/Kg
P2982-07	A4CF2	Solid	Dibenzo(a,h)anthracene	38.000	J	28	180	ug/Kg
P2982-07	A4CF2	Solid	Fluoranthene	430.000		20	180	ug/Kg
P2982-07	A4CF2	Solid	Indeno(1,2,3-cd)pyrene	97.000	J	30	180	ug/Kg
P2982-07	A4CF2	Solid	Phenanthrene	210.000		29	180	ug/Kg
P2982-07	A4CF2	Solid	Pyrene	310.000		19	180	ug/Kg
Total Svoc :				2,195.00				
Total Concentration:				4,544.00				
Client ID : A4CF4								
P2982-08	A4CF4	Solid	(DEL) Alkane: Straight-Chain26.1 *	650.000	J			
P2982-08	A4CF4	Solid	2-Isopropyl-7-methylnaphthalene *	300.000	J			

Hit Summary Sheet SW-846

SDG No.: BG070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2982-08	A4CF4	Solid	4-(4-Methylphenyl)benzaldehyde	*	280.000	J		
P2982-08	A4CF4	Solid	4H-Cyclopenta[def]phenanthrene	*	2,200.000	J		
P2982-08	A4CF4	Solid	6H-Dibenzo[b,d]-pyran	*	270.000	J		
P2982-08	A4CF4	Solid	9,10-Anthracenedione	*	310.000	J		
P2982-08	A4CF4	Solid	9,10-Dimethylanthracene	*	1,100.000	J		
P2982-08	A4CF4	Solid	9H-Fluoren-9-ol	*	230.000	J		
P2982-08	A4CF4	Solid	9H-Fluoren-9-one	*	260.000	J		
P2982-08	A4CF4	Solid	9H-Fluorene, 1-methyl-	*	360.000	J		
P2982-08	A4CF4	Solid	Anthracene, 2-methyl-	*	330.000	J		
P2982-08	A4CF4	Solid	Benzene, 1,1-methylenebis[2-metl	*	240.000	J		
P2982-08	A4CF4	Solid	Benzo[e]pyrene	*	440.000	J		
P2982-08	A4CF4	Solid	Cyclopenta(def)phenanthrenone	*	1,100.000	J		
P2982-08	A4CF4	Solid	di-p-Tolylacetylene	*	220.000	J		
P2982-08	A4CF4	Solid	Dibenzo[a,e]cyclooctene	*	230.000	J		
P2982-08	A4CF4	Solid	Dibenzothiophene, 3-methyl-	*	210.000	J		
P2982-08	A4CF4	Solid	Dibenzothiophene, 4-methyl-	*	400.000	J		
P2982-08	A4CF4	Solid	Naphthalene, 1,6,7-trimethyl-	*	210.000	J		
P2982-08	A4CF4	Solid	Naphthalene, 2,3-dimethyl-	*	300.000	J		
P2982-08	A4CF4	Solid	Naphthalene, 2-phenyl-	*	650.000	J		
P2982-08	A4CF4	Solid	Naphtho[2,1-b]thiophene	*	340.000	J		
P2982-08	A4CF4	Solid	Naphtho[2,3-b]norbornadiene	*	960.000	J		
P2982-08	A4CF4	Solid	Pentacene	*	450.000	J		
P2982-08	A4CF4	Solid	Phenanthrene, 1-methyl-	*	1,400.000	J		
P2982-08	A4CF4	Solid	Phenanthrene, 2,5-dimethyl-	*	250.000	J		
P2982-08	A4CF4	Solid	Phenanthrene, 2,7-dimethyl-	*	210.000	J		
P2982-08	A4CF4	Solid	Phenanthrene, 2-methyl-	*	1,600.000	J		
P2982-08	A4CF4	Solid	Pyrene, 1-methyl-	*	220.000	J		
P2982-08	A4CF4	Solid	unknown-01	*	440.000	J		
P2982-08	A4CF4	Solid	unknown-02	*	540.000	J		
P2982-08	A4CF4	Solid	Total Alkanes	*	650.000	J	31	200 ug/Kg
Total Tics :					17,350.00			
P2982-08	A4CF4	Solid	1-Methylnaphthalene		100.000	J	29	200 ug/Kg
P2982-08	A4CF4	Solid	2-Methylnaphthalene		92.000	J	38	200 ug/Kg
P2982-08	A4CF4	Solid	Acenaphthene		140.000	J	31	200 ug/Kg
P2982-08	A4CF4	Solid	Acenaphthylene		63.000	J	35	200 ug/Kg
P2982-08	A4CF4	Solid	Anthracene		610.000		30	200 ug/Kg
P2982-08	A4CF4	Solid	Benzo(a)anthracene		3,000.000		28	200 ug/Kg
P2982-08	A4CF4	Solid	Benzo(a)pyrene		1,500.000		37	200 ug/Kg
P2982-08	A4CF4	Solid	Benzo(b)fluoranthene		3,000.000		44	200 ug/Kg
P2982-08	A4CF4	Solid	Benzo(g,h,i)perylene		160.000	J	38	200 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2982-08	A4CF4	Solid	Benzo(k)fluoranthene	1,200.000		46	200	ug/Kg
P2982-08	A4CF4	Solid	Bis(2-ethylhexyl)phthalate	41.000	J	30	200	ug/Kg
P2982-08	A4CF4	Solid	Carbazole	60.000	J	41	400	ug/Kg
P2982-08	A4CF4	Solid	Chrysene	2,800.000		29	200	ug/Kg
P2982-08	A4CF4	Solid	Dibenzo(a,h)anthracene	390.000		31	200	ug/Kg
P2982-08	A4CF4	Solid	Dibenzofuran	120.000	J	32	200	ug/Kg
P2982-08	A4CF4	Solid	Fluoranthene	5,700.000	E	23	200	ug/Kg
P2982-08	A4CF4	Solid	Fluorene	370.000		32	200	ug/Kg
P2982-08	A4CF4	Solid	Indeno(1,2,3-cd)pyrene	940.000		34	200	ug/Kg
P2982-08	A4CF4	Solid	Naphthalene	73.000	J	29	200	ug/Kg
P2982-08	A4CF4	Solid	Phenanthrene	4,600.000	E	32	200	ug/Kg
P2982-08	A4CF4	Solid	Pyrene	4,900.000	E	22	200	ug/Kg
Total Svoc :				29,859.00				
Total Concentration:				47,209.00				
Client ID : A4CF5								
P2982-09	A4CF5	Solid	carbamic acid, N-(2-hydroxy-4-ni	* 81.000	J			
P2982-09	A4CF5	Solid	unknown-01	* 91.000	J			
P2982-09	A4CF5	Solid	Total Alkanes	* 0.000		31	200	ug/Kg
Total Tics :				172.00				
P2982-09	A4CF5	Solid	Benzo(a)anthracene	73.000	J	27	200	ug/Kg
P2982-09	A4CF5	Solid	Benzo(a)pyrene	80.000	J	37	200	ug/Kg
P2982-09	A4CF5	Solid	Benzo(b)fluoranthene	89.000	J	44	200	ug/Kg
P2982-09	A4CF5	Solid	Benzo(g,h,i)perylene	48.000	J	38	200	ug/Kg
P2982-09	A4CF5	Solid	Chrysene	79.000	J	29	200	ug/Kg
P2982-09	A4CF5	Solid	Fluoranthene	130.000	J	23	200	ug/Kg
P2982-09	A4CF5	Solid	Indeno(1,2,3-cd)pyrene	42.000	J	33	200	ug/Kg
P2982-09	A4CF5	Solid	Phenanthrene	47.000	J	32	200	ug/Kg
P2982-09	A4CF5	Solid	Pyrene	150.000	J	21	200	ug/Kg
Total Svoc :				738.00				
Total Concentration:				910.00				
Client ID : A4CF6								
P2982-10	A4CF6	Solid	1,1-Biphenyl, 2,4,4-trichloro-	* 210.000	J			
P2982-10	A4CF6	Solid	2,2,4,5-Tetrachloro-1,1-biphenyl	* 140.000	J			
P2982-10	A4CF6	Solid	Total Alkanes	* 0.000		44	290	ug/Kg
Total Tics :				350.00				
P2982-10	A4CF6	Solid	Benzo(a)anthracene	79.000	J	39	290	ug/Kg
P2982-10	A4CF6	Solid	Benzo(b)fluoranthene	90.000	J	63	290	ug/Kg
P2982-10	A4CF6	Solid	Bis(2-ethylhexyl)phthalate	170.000	J	42	290	ug/Kg
P2982-10	A4CF6	Solid	Chrysene	90.000	J	41	290	ug/Kg
P2982-10	A4CF6	Solid	Fluoranthene	160.000	J	32	290	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2982-10	A4CF6	Solid	Phenanthrene	71.000	J	46	290	ug/Kg
P2982-10	A4CF6	Solid	Pyrene	140.000	J	31	290	ug/Kg
Total Svoc :				800.00				
Total Concentration:				1,150.00				
Client ID : A4CF7								
P2982-11	A4CF7	Solid	Total Alkanes	*	0.000	30	200	ug/Kg
Total Tics :				0.00				
P2982-11	A4CF7	Solid	Chrysene	39.000	J	28	200	ug/Kg
P2982-11	A4CF7	Solid	Fluoranthene	73.000	J	22	200	ug/Kg
P2982-11	A4CF7	Solid	Phenanthrene	49.000	J	31	200	ug/Kg
P2982-11	A4CF7	Solid	Pyrene	77.000	J	21	200	ug/Kg
Total Svoc :				238.00				
Total Concentration:				238.00				
Client ID : A4CF9								
P2982-12	A4CF9	Solid	(DEL) Alkane: Straight-Chain21.3	*	73.000	J		
P2982-12	A4CF9	Solid	Total Alkanes	*	73.000	28	180	ug/Kg
Total Tics :				146.00				
Total Concentration:				146.00				
Client ID : A4CG0								
P2982-13	A4CG0	Solid	(DEL) Alkane: Straight-Chain24.0	*	290.000	J		
P2982-13	A4CG0	Solid	Total Alkanes	*	290.000	33	220	ug/Kg
Total Tics :				580.00				
P2982-13	A4CG0	Solid	Benzo(a)anthracene	94.000	J	30	220	ug/Kg
P2982-13	A4CG0	Solid	Benzo(a)pyrene	81.000	J	40	220	ug/Kg
P2982-13	A4CG0	Solid	Benzo(b)fluoranthene	110.000	J	48	220	ug/Kg
P2982-13	A4CG0	Solid	Benzo(g,h,i)perylene	53.000	J	41	220	ug/Kg
P2982-13	A4CG0	Solid	Chrysene	81.000	J	31	220	ug/Kg
P2982-13	A4CG0	Solid	Fluoranthene	180.000	J	24	220	ug/Kg
P2982-13	A4CG0	Solid	Indeno(1,2,3-cd)pyrene	44.000	J	36	220	ug/Kg
P2982-13	A4CG0	Solid	Phenanthrene	98.000	J	35	220	ug/Kg
P2982-13	A4CG0	Solid	Pyrene	160.000	J	23	220	ug/Kg
Total Svoc :				901.00				
Total Concentration:				1,481.00				
Client ID : A4DJ1								
P2982-15	A4DJ1	Solid	1,1-Biphenyl, 2-methyl-	*	75.000	J		
P2982-15	A4DJ1	Solid	1-Phenoxypropan-2-ol	*	79.000	J		
P2982-15	A4DJ1	Solid	2,6,6-Trimethyl-2-cyclohexene-1,4-	*	190.000	J		
P2982-15	A4DJ1	Solid	2-Bromotetradecane	*	210.000	J		
P2982-15	A4DJ1	Solid	5H-Indeno[1,2-b]pyridine	*	67.000	J		

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SDG No.: BG070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2982-15	A4DJ1	Solid	9,10-Anthracenedione	*	380.000	J		
P2982-15	A4DJ1	Solid	9-Octadecenoic acid (Z)-, methyl	*	75.000	J		
P2982-15	A4DJ1	Solid	Benzene, 1,4-dichloro-	*	630.000	J		
P2982-15	A4DJ1	Solid	Benzocycloheptatriene	*	69.000	J		
P2982-15	A4DJ1	Solid	Tetradecanoic acid	*	160.000	J		
P2982-15	A4DJ1	Solid	Tridecanoic acid, methyl ester	*	120.000	J		
P2982-15	A4DJ1	Solid	unknown-01	*	95.000	J		
P2982-15	A4DJ1	Solid	unknown-02	*	82.000	J		
P2982-15	A4DJ1	Solid	Total Alkanes	*	0.000	26	170	ug/Kg
Total Tics :				2,232.00				
P2982-15	A4DJ1	Solid	2,4,5-Trichlorophenol		2,300.000	33	170	ug/Kg
P2982-15	A4DJ1	Solid	2,4,6-Trichlorophenol		1,200.000	24	170	ug/Kg
P2982-15	A4DJ1	Solid	2,4-Dichlorophenol		6,800.000	E 38	170	ug/Kg
P2982-15	A4DJ1	Solid	2,4-Dinitrotoluene		2,400.000	35	170	ug/Kg
P2982-15	A4DJ1	Solid	2,6-Dinitrotoluene		9,900.000	E 20	170	ug/Kg
P2982-15	A4DJ1	Solid	2-Chlorophenol		3,500.000	E 28	170	ug/Kg
P2982-15	A4DJ1	Solid	2-Methylnaphthalene		5,300.000	E 32	170	ug/Kg
P2982-15	A4DJ1	Solid	2-Nitrophenol		2,700.000	E 60	170	ug/Kg
P2982-15	A4DJ1	Solid	4-Bromophenyl-phenylether		2,900.000	E 26	170	ug/Kg
P2982-15	A4DJ1	Solid	4-Chloro-3-methylphenol		1,100.000	41	170	ug/Kg
P2982-15	A4DJ1	Solid	4-Chlorophenyl-phenylether		3,300.000	E 20	170	ug/Kg
P2982-15	A4DJ1	Solid	4-Nitrophenol		2,100.000	44	330	ug/Kg
P2982-15	A4DJ1	Solid	Acenaphthene		4,900.000	E 26	170	ug/Kg
P2982-15	A4DJ1	Solid	Acenaphthylene		3,400.000	E 29	170	ug/Kg
P2982-15	A4DJ1	Solid	Anthracene		4,000.000	E 25	170	ug/Kg
P2982-15	A4DJ1	Solid	Benzo(a)anthracene		2,300.000	23	170	ug/Kg
P2982-15	A4DJ1	Solid	Benzo(a)pyrene		1,400.000	31	170	ug/Kg
P2982-15	A4DJ1	Solid	Benzo(b)fluoranthene		1,900.000	37	170	ug/Kg
P2982-15	A4DJ1	Solid	Benzo(g,h,i)perylene		2,800.000	E 32	170	ug/Kg
P2982-15	A4DJ1	Solid	Benzo(k)fluoranthene		1,400.000	38	170	ug/Kg
P2982-15	A4DJ1	Solid	Bis(2-Chloroethyl)ether		4,200.000	29	330	ug/Kg
P2982-15	A4DJ1	Solid	Bis(2-ethylhexyl)phthalate		8,300.000	E 25	170	ug/Kg
P2982-15	A4DJ1	Solid	Butylbenzylphthalate		750.000	22	170	ug/Kg
P2982-15	A4DJ1	Solid	Di-n-butylphthalate		3,900.000	E 27	170	ug/Kg
P2982-15	A4DJ1	Solid	Di-n-octyl phthalate		4,900.000	48	330	ug/Kg
P2982-15	A4DJ1	Solid	Dibenzo(a,h)anthracene		1,100.000	26	170	ug/Kg
P2982-15	A4DJ1	Solid	Dibenzofuran		2,700.000	E 27	170	ug/Kg
P2982-15	A4DJ1	Solid	Diethylphthalate		5,300.000	E 33	170	ug/Kg
P2982-15	A4DJ1	Solid	Fluoranthene		3,100.000	E 19	170	ug/Kg
P2982-15	A4DJ1	Solid	Fluorene		3,400.000	E 27	170	ug/Kg

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SDG No.: BG070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2982-15	A4DJ1	Solid	Isophorone	4,500.000	E	66	170	ug/Kg
P2982-15	A4DJ1	Solid	N-Nitroso-di-n-propylamine	4,300.000	E	79	170	ug/Kg
P2982-15	A4DJ1	Solid	Naphthalene	4,800.000	E	24	170	ug/Kg
P2982-15	A4DJ1	Solid	Pentachlorophenol	4,800.000		88	330	ug/Kg
P2982-15	A4DJ1	Solid	Phenanthrene	1,800.000		27	170	ug/Kg
P2982-15	A4DJ1	Solid	Phenol	830.000		30	330	ug/Kg
Total Svoc :				124,280.00				
Total Concentration:				126,512.00				
Client ID : A4DJ1DL								
P2982-15DL	A4DJ1DL	Solid	(DEL) Alkane: Straight-Chain26.1 *	660.000	JD			
P2982-15DL	A4DJ1DL	Solid	(DEL) Alkane: Straight-Chain27.5 *	520.000	JD			
P2982-15DL	A4DJ1DL	Solid	9,10-Anthracenedione *	440.000	JD			
P2982-15DL	A4DJ1DL	Solid	Benzene, 1,4-dichloro-	4,700.000	JD			
P2982-15DL	A4DJ1DL	Solid	Total Alkanes *	1,200.000	D	130	850	ug/Kg
Total Tics :				7,520.00				
P2982-15DL	A4DJ1DL	Solid	2,4,5-Trichlorophenol	2,400.000	D	170	850	ug/Kg
P2982-15DL	A4DJ1DL	Solid	2,4,6-Trichlorophenol	1,400.000	D	120	850	ug/Kg
P2982-15DL	A4DJ1DL	Solid	2,4-Dichlorophenol	7,500.000	D	190	850	ug/Kg
P2982-15DL	A4DJ1DL	Solid	2,4-Dinitrotoluene	2,700.000	D	180	850	ug/Kg
P2982-15DL	A4DJ1DL	Solid	2,6-Dinitrotoluene	12,000.000	D	100	850	ug/Kg
P2982-15DL	A4DJ1DL	Solid	2-Chlorophenol	3,800.000	D	140	850	ug/Kg
P2982-15DL	A4DJ1DL	Solid	2-Methylnaphthalene	6,100.000	D	160	850	ug/Kg
P2982-15DL	A4DJ1DL	Solid	2-Nitrophenol	2,700.000	D	300	850	ug/Kg
P2982-15DL	A4DJ1DL	Solid	4-Bromophenyl-phenylether	3,000.000	D	130	850	ug/Kg
P2982-15DL	A4DJ1DL	Solid	4-Chloro-3-methylphenol	1,200.000	D	210	850	ug/Kg
P2982-15DL	A4DJ1DL	Solid	4-Chlorophenyl-phenylether	4,000.000	D	100	850	ug/Kg
P2982-15DL	A4DJ1DL	Solid	4-Nitrophenol	2,300.000	D	220	1700	ug/Kg
P2982-15DL	A4DJ1DL	Solid	Acenaphthene	5,900.000	D	130	850	ug/Kg
P2982-15DL	A4DJ1DL	Solid	Acenaphthylene	3,900.000	D	150	850	ug/Kg
P2982-15DL	A4DJ1DL	Solid	Anthracene	4,600.000	D	130	850	ug/Kg
P2982-15DL	A4DJ1DL	Solid	Benzo(a)anthracene	2,600.000	D	120	850	ug/Kg
P2982-15DL	A4DJ1DL	Solid	Benzo(a)pyrene	1,500.000	D	160	850	ug/Kg
P2982-15DL	A4DJ1DL	Solid	Benzo(b)fluoranthene	2,000.000	D	190	850	ug/Kg
P2982-15DL	A4DJ1DL	Solid	Benzo(g,h,i)perylene	2,900.000	D	160	850	ug/Kg
P2982-15DL	A4DJ1DL	Solid	Benzo(k)fluoranthene	1,600.000	D	190	850	ug/Kg
P2982-15DL	A4DJ1DL	Solid	Bis(2-Chloroethyl)ether	4,700.000	D	150	1700	ug/Kg
P2982-15DL	A4DJ1DL	Solid	Bis(2-ethylhexyl)phthalate	11,000.000	D	130	850	ug/Kg
P2982-15DL	A4DJ1DL	Solid	Butylbenzylphthalate	830.000	JD	110	850	ug/Kg
P2982-15DL	A4DJ1DL	Solid	Di-n-butylphthalate	4,700.000	D	140	850	ug/Kg
P2982-15DL	A4DJ1DL	Solid	Di-n-octyl phthalate	5,800.000	D	240	1700	ug/Kg

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SDG No.: BG070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2982-15DL	A4DJ1DL	Solid	Dibenzo(a,h)anthracene	1,200.000	D	130	850	ug/Kg
P2982-15DL	A4DJ1DL	Solid	Dibenzofuran	3,200.000	D	140	850	ug/Kg
P2982-15DL	A4DJ1DL	Solid	Diethylphthalate	6,700.000	D	170	850	ug/Kg
P2982-15DL	A4DJ1DL	Solid	Fluoranthene	3,600.000	D	95	850	ug/Kg
P2982-15DL	A4DJ1DL	Solid	Fluorene	4,100.000	D	140	850	ug/Kg
P2982-15DL	A4DJ1DL	Solid	Isophorone	4,800.000	D	330	850	ug/Kg
P2982-15DL	A4DJ1DL	Solid	N-Nitroso-di-n-propylamine	4,600.000	D	400	850	ug/Kg
P2982-15DL	A4DJ1DL	Solid	Naphthalene	5,300.000	D	120	850	ug/Kg
P2982-15DL	A4DJ1DL	Solid	Pentachlorophenol	4,600.000	D	440	1700	ug/Kg
P2982-15DL	A4DJ1DL	Solid	Phenanthrene	2,000.000	D	140	850	ug/Kg
P2982-15DL	A4DJ1DL	Solid	Phenol	910.000	JD	150	1700	ug/Kg
Total Svoc :				142,140.00				
Total Concentration:				149,660.00				
Client ID : A4BB8								
P2982-17	A4BB8	Solid	Total Alkanes	*	0.000	34	220	ug/Kg
Total Tics :				0.00				
P2982-17	A4BB8	Solid	Benzo(a)anthracene	88.000	J	30	220	ug/Kg
P2982-17	A4BB8	Solid	Benzo(a)pyrene	82.000	J	40	220	ug/Kg
P2982-17	A4BB8	Solid	Benzo(b)fluoranthene	110.000	J	48	220	ug/Kg
P2982-17	A4BB8	Solid	Benzo(g,h,i)perylene	67.000	J	42	220	ug/Kg
P2982-17	A4BB8	Solid	Chrysene	84.000	J	31	220	ug/Kg
P2982-17	A4BB8	Solid	Fluoranthene	190.000	J	25	220	ug/Kg
P2982-17	A4BB8	Solid	Indeno(1,2,3-cd)pyrene	49.000	J	37	220	ug/Kg
P2982-17	A4BB8	Solid	Phenanthrene	140.000	J	35	220	ug/Kg
P2982-17	A4BB8	Solid	Pyrene	170.000	J	24	220	ug/Kg
Total Svoc :				980.00				
Total Concentration:				980.00				
Client ID : A4BB9								
P2982-18	A4BB9	Solid	Total Alkanes	*	0.000	33	210	ug/Kg
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID : A4BC1								
P2982-19	A4BC1	Solid	unknown-01	*	390.000	J		
P2982-19	A4BC1	Solid	Total Alkanes	*	0.000	36	240	ug/Kg
Total Tics :				390.00				
Total Concentration:				390.00				
Client ID : A4BC2								
P2982-20	A4BC2	Solid	Supraene	*	140.000	J		
P2982-20	A4BC2	Solid	Total Alkanes	*	0.000	30	200	ug/Kg

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SDG No.: BG070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :				140.00				
Total Concentration:				140.00				
Client ID : A4BC4								
P2982-21	A4BC4	Solid	(DEL) Alkane: Straight-Chain22.5 *	250.000	J			
P2982-21	A4BC4	Solid	(DEL) Alkane: Straight-Chain26.1 *	640.000	J			
P2982-21	A4BC4	Solid	1,19-Eicosadiene *	440.000	J			
P2982-21	A4BC4	Solid	1-Phenoxypropan-2-ol *	91.000	J			
P2982-21	A4BC4	Solid	Heneicosyl heptafluorobutyrate *	340.000	J			
P2982-21	A4BC4	Solid	Heptadecanal *	200.000	J			
P2982-21	A4BC4	Solid	Methacrylamide *	85.000	J			
P2982-21	A4BC4	Solid	Pentanedioic acid, dimethyl ester *	72.000	J			
P2982-21	A4BC4	Solid	Tricosyl trifluoroacetate *	530.000	J			
P2982-21	A4BC4	Solid	Tridecanoic acid *	200.000	J			
P2982-21	A4BC4	Solid	unknown-01 *	100.000	J			
P2982-21	A4BC4	Solid	Total Alkanes *	890.000		28	180	ug/Kg
Total Tics :				3,838.00				
P2982-21	A4BC4	Solid	Benzo(a)anthracene	160.000	J	24	180	ug/Kg
P2982-21	A4BC4	Solid	Benzo(a)pyrene	89.000	J	33	180	ug/Kg
P2982-21	A4BC4	Solid	Benzo(b)fluoranthene	250.000		39	180	ug/Kg
P2982-21	A4BC4	Solid	Benzo(k)fluoranthene	83.000	J	40	180	ug/Kg
P2982-21	A4BC4	Solid	Bis(2-ethylhexyl)phthalate	76.000	J	27	180	ug/Kg
P2982-21	A4BC4	Solid	Chrysene	200.000		25	180	ug/Kg
P2982-21	A4BC4	Solid	Dibenzo(a,h)anthracene	36.000	J	28	180	ug/Kg
P2982-21	A4BC4	Solid	Fluoranthene	330.000		20	180	ug/Kg
P2982-21	A4BC4	Solid	Indeno(1,2,3-cd)pyrene	82.000	J	30	180	ug/Kg
P2982-21	A4BC4	Solid	Phenanthrene	180.000		29	180	ug/Kg
P2982-21	A4BC4	Solid	Pyrene	240.000		19	180	ug/Kg
Total Svoc :				1,726.00				
Total Concentration:				5,564.00				
Client ID : A4BC5								
P2982-22	A4BC5	Solid	(DEL) Alkane: Straight-Chain21.3 *	140.000	J			
P2982-22	A4BC5	Solid	(DEL) Alkane: Straight-Chain26.1 *	140.000	J			
P2982-22	A4BC5	Solid	1-Phenoxypropan-2-ol *	200.000	J			
P2982-22	A4BC5	Solid	Total Alkanes *	280.000		27	180	ug/Kg
Total Tics :				760.00				
P2982-22	A4BC5	Solid	Fluoranthene	43.000	J	20	180	ug/Kg
P2982-22	A4BC5	Solid	Pyrene	42.000	J	19	180	ug/Kg
Total Svoc :				85.00				
Total Concentration:				845.00				

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SDG No.: BG070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4BC7								
P2982-23	A4BC7	Solid	1-Heptacosanol	*	150.000	J		
P2982-23	A4BC7	Solid	1-Phenoxypropan-2-ol	*	370.000	J		
P2982-23	A4BC7	Solid	unknown-01	*	190.000	J		
P2982-23	A4BC7	Solid	Total Alkanes	*	0.000	27	180	ug/Kg
P2982-23	A4BC7	Solid	1-Phenoxypropan-2-ol	*	120.000	J		
P2982-23	A4BC7	Solid	Isobutyl tetracosyl ether	*	110.000	J		
P2982-23	A4BC7	Solid	unknown-01	*	120.000	J		
P2982-23	A4BC7	Solid	unknown-02	*	87.000	J		
P2982-23	A4BC7	Solid	Total Alkanes	*	0.000	27	180	ug/Kg
Total Tics :				1,147.00				
P2982-23	A4BC7	Solid	Anthracene		35.000	J 26	180	ug/Kg
P2982-23	A4BC7	Solid	Benzo(a)anthracene		110.000	J 24	180	ug/Kg
P2982-23	A4BC7	Solid	Benzo(a)pyrene		110.000	J 33	180	ug/Kg
P2982-23	A4BC7	Solid	Benzo(b)fluoranthene		140.000	J 39	180	ug/Kg
P2982-23	A4BC7	Solid	Benzo(g,h,i)perylene		82.000	J 34	180	ug/Kg
P2982-23	A4BC7	Solid	Benzo(k)fluoranthene		49.000	J 40	180	ug/Kg
P2982-23	A4BC7	Solid	Chrysene		110.000	J 25	180	ug/Kg
P2982-23	A4BC7	Solid	Fluoranthene		250.000	J 20	180	ug/Kg
P2982-23	A4BC7	Solid	Indeno(1,2,3-cd)pyrene		64.000	J 29	180	ug/Kg
P2982-23	A4BC7	Solid	Phenanthrene		180.000	J 28	180	ug/Kg
P2982-23	A4BC7	Solid	Pyrene		210.000	J 19	180	ug/Kg
Total Svoc :				1,340.00				
Total Concentration:				2,487.00				
Client ID : A4BC8								
P2982-24	A4BC8	Solid	1-Decanol, 2-hexyl-	*	94.000	J		
P2982-24	A4BC8	Solid	1-Phenoxypropan-2-ol	*	200.000	J		
P2982-24	A4BC8	Solid	Propylene Glycol	*	150.000	J		
P2982-24	A4BC8	Solid	Total Alkanes	*	0.000	28	180	ug/Kg
Total Tics :				444.00				
Total Concentration:				444.00				
Client ID : A4CT8								
P2982-25	A4CT8	Solid	(DEL) Alkane: Straight-Chain20.3	*	85.000	J		
P2982-25	A4CT8	Solid	(DEL) Alkane: Straight-Chain22.5	*	600.000	J		
P2982-25	A4CT8	Solid	(DEL) Alkane: Straight-Chain26.1	*	580.000	J		
P2982-25	A4CT8	Solid	1,19-Eicosadiene	*	460.000	J		
P2982-25	A4CT8	Solid	1-Dodecanol, 2-octyl-	*	520.000	J		
P2982-25	A4CT8	Solid	1-Phenoxypropan-2-ol	*	250.000	J		
P2982-25	A4CT8	Solid	unknown-01	*	93.000	J		
P2982-25	A4CT8	Solid	unknown-02	*	120.000	J		

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SDG No.: BG070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units	
P2982-25	A4CT8	Solid	unknown-03	*	87.000	J			
P2982-25	A4CT8	Solid	Total Alkanes	*	1,300.000	29	190	ug/Kg	
Total Tics :				4,095.00					
P2982-25	A4CT8	Solid	Benzo(a)anthracene		94.000	J	26	190	ug/Kg
P2982-25	A4CT8	Solid	Benzo(a)pyrene		67.000	J	35	190	ug/Kg
P2982-25	A4CT8	Solid	Benzo(b)fluoranthene		170.000	J	42	190	ug/Kg
P2982-25	A4CT8	Solid	Benzo(k)fluoranthene		67.000	J	43	190	ug/Kg
P2982-25	A4CT8	Solid	Chrysene		130.000	J	27	190	ug/Kg
P2982-25	A4CT8	Solid	Fluoranthene		230.000		21	190	ug/Kg
P2982-25	A4CT8	Solid	Indeno(1,2,3-cd)pyrene		62.000	J	32	190	ug/Kg
P2982-25	A4CT8	Solid	Phenanthrene		96.000	J	30	190	ug/Kg
P2982-25	A4CT8	Solid	Pyrene		160.000	J	20	190	ug/Kg
Total Svoc :				1,076.00					
Total Concentration:				5,171.00					
Client ID : A4CT9									
P2982-26	A4CT9	Solid	(DEL) Alkane: Straight-Chain22.5	*	91.000	J			
P2982-26	A4CT9	Solid	(DEL) Alkane: Straight-Chain24.0	*	170.000	J			
P2982-26	A4CT9	Solid	1-Phenoxypropan-2-ol	*	300.000	J			
P2982-26	A4CT9	Solid	Carbonic acid, but-3-en-1-yl tetra	*	230.000	J			
P2982-26	A4CT9	Solid	Oxirane, tetradecyl-	*	150.000	J			
P2982-26	A4CT9	Solid	Propylene Glycol	*	220.000	J			
P2982-26	A4CT9	Solid	Total Alkanes	*	260.000	28	180	ug/Kg	
Total Tics :				1,421.00					
P2982-26	A4CT9	Solid	Benzo(a)pyrene		40.000	J	33	180	ug/Kg
P2982-26	A4CT9	Solid	Benzo(b)fluoranthene		55.000	J	39	180	ug/Kg
P2982-26	A4CT9	Solid	Chrysene		40.000	J	26	180	ug/Kg
P2982-26	A4CT9	Solid	Fluoranthene		69.000	J	20	180	ug/Kg
P2982-26	A4CT9	Solid	Phenanthrene		40.000	J	29	180	ug/Kg
P2982-26	A4CT9	Solid	Pyrene		68.000	J	19	180	ug/Kg
Total Svoc :				312.00					
Total Concentration:				1,733.00					
Client ID : A4B67									
P3010-14	A4B67	Solid	1-Butene, 4-methoxy	*	230.000	J			
P3010-14	A4B67	Solid	1-Phenoxypropan-2-ol	*	260.000	J			
P3010-14	A4B67	Solid	Total Alkanes	*	0.000	31	210	ug/Kg	
Total Tics :				490.00					
Total Concentration:				490.00					
Client ID : A4B69									
P3010-16	A4B69	Solid	(DEL) Alkane: Straight-Chain24.0	*	300.000	J			

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SDG No.: BG070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3010-16	A4B69	Solid	1-Phenoxypropan-2-ol	*	380.000	J		
P3010-16	A4B69	Solid	Isopropyl Alcohol	*	320.000	J		
P3010-16	A4B69	Solid	Octacosyl trifluoroacetate	*	120.000	J		
P3010-16	A4B69	Solid	Undecanoic acid, tridecyl ester	*	310.000	J		
P3010-16	A4B69	Solid	Total Alkanes	*	300.000	41	270	ug/Kg
Total Tics :					1,730.00			
P3010-16	A4B69	Solid	Benzo(a)anthracene		77.000	J 36	270	ug/Kg
P3010-16	A4B69	Solid	Benzo(b)fluoranthene		110.000	J 59	270	ug/Kg
P3010-16	A4B69	Solid	Chrysene		94.000	J 38	270	ug/Kg
P3010-16	A4B69	Solid	Fluoranthene		160.000	J 30	270	ug/Kg
P3010-16	A4B69	Solid	Phenanthrene		79.000	J 43	270	ug/Kg
P3010-16	A4B69	Solid	Pyrene		110.000	J 28	270	ug/Kg
Total Svoc :					630.00			
Total Concentration:					2,360.00			
Client ID : A4BB3								
P3010-18	A4BB3	Solid	(DEL) Alkane: Straight-Chain21.3	*	100.000	J		
P3010-18	A4BB3	Solid	1-Phenoxypropan-2-ol	*	390.000	J		
P3010-18	A4BB3	Solid	Isopropyl Alcohol	*	340.000	J		
P3010-18	A4BB3	Solid	Total Alkanes	*	100.000	34	220	ug/Kg
Total Tics :					930.00			
Total Concentration:					930.00			
Client ID : A4BB4								
P3010-19	A4BB4	Solid	1-(Ethenesulfonyl)dodecane	*	93.000	J		
P3010-19	A4BB4	Solid	1-Phenoxypropan-2-ol	*	290.000	J		
P3010-19	A4BB4	Solid	Isopropyl Alcohol	*	260.000	J		
P3010-19	A4BB4	Solid	Pentanedioic acid, dimethyl ester	*	81.000	J		
P3010-19	A4BB4	Solid	Total Alkanes	*	0.000	30	200	ug/Kg
Total Tics :					724.00			
Total Concentration:					724.00			
Client ID : A4BB5								
P3010-20	A4BB5	Solid	(S)-(+)-1,2-Propanediol	*	86.000	J		
P3010-20	A4BB5	Solid	1-Phenoxypropan-2-ol	*	76.000	J		
P3010-20	A4BB5	Solid	Total Alkanes	*	0.000	29	190	ug/Kg
Total Tics :					162.00			
Total Concentration:					162.00			
Client ID : A4CG4								
P3010-22	A4CG4	Solid	1-Phenoxypropan-2-ol	*	93.000	J		
P3010-22	A4CG4	Solid	Butyl docosyl ether	*	100.000	J		
P3010-22	A4CG4	Solid	unknown-01	*	110.000	J		

Hit Summary Sheet SW-846

SDG No.: BG070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3010-22	A4CG4	Solid	Total Alkanes	*	0.000	30	200	ug/Kg
Total Tics :				303.00				
Total Concentration:				303.00				
Client ID : A4DJ2								
P3010-26	A4DJ2	Solid	(DEL) Alkane: Straight-Chain26.1	*	190.000	J		
P3010-26	A4DJ2	Solid	(DEL) Alkane: Straight-Chain29.1	*	73.000	J		
P3010-26	A4DJ2	Solid	1-Phenoxypropan-2-ol	*	120.000	J		
P3010-26	A4DJ2	Solid	10-Octadecenoic acid, methyl este	*	91.000	J		
P3010-26	A4DJ2	Solid	2-Allylnaphthalene	*	68.000	J		
P3010-26	A4DJ2	Solid	9,10-Anthracenedione	*	150.000	J		
P3010-26	A4DJ2	Solid	Benzene, 1,3-dichloro-	*	2,500.000	J		
P3010-26	A4DJ2	Solid	Benzene, 1,4-dichloro-	*	8,400.000	J		
P3010-26	A4DJ2	Solid	Heptanedioic acid, 2-propyl-, dim	*	97.000	J		
P3010-26	A4DJ2	Solid	Hexadecanoic acid, methyl ester	*	160.000	J		
P3010-26	A4DJ2	Solid	Indeno[1,2,3-cd]fluoranthene	*	490.000	J		
P3010-26	A4DJ2	Solid	n-Hexadecanoic acid	*	190.000	J		
P3010-26	A4DJ2	Solid	Pentadecanoic acid, methyl ester	*	70.000	J		
P3010-26	A4DJ2	Solid	Total Alkanes	*	260.000	26	170	ug/Kg
Total Tics :				12,859.00				
P3010-26	A4DJ2	Solid	2,4,5-Trichlorophenol		3,200.000	E 33	170	ug/Kg
P3010-26	A4DJ2	Solid	2,4,6-Trichlorophenol		2,200.000	24	170	ug/Kg
P3010-26	A4DJ2	Solid	2,4-Dichlorophenol		4,800.000	E 38	170	ug/Kg
P3010-26	A4DJ2	Solid	2,4-Dinitrotoluene		6,400.000	E 35	170	ug/Kg
P3010-26	A4DJ2	Solid	2,6-Dinitrotoluene		3,600.000	E 20	170	ug/Kg
P3010-26	A4DJ2	Solid	2-Chlorophenol		1,400.000	28	170	ug/Kg
P3010-26	A4DJ2	Solid	2-Nitrophenol		4,600.000	E 59	170	ug/Kg
P3010-26	A4DJ2	Solid	4-Bromophenyl-phenylether		2,700.000	E 26	170	ug/Kg
P3010-26	A4DJ2	Solid	4-Chloro-3-methylphenol		4,800.000	E 41	170	ug/Kg
P3010-26	A4DJ2	Solid	4-Nitrophenol		3,400.000	44	330	ug/Kg
P3010-26	A4DJ2	Solid	Acenaphthene		5,000.000	E 26	170	ug/Kg
P3010-26	A4DJ2	Solid	Anthracene		1,300.000	25	170	ug/Kg
P3010-26	A4DJ2	Solid	Benzo(a)anthracene		2,600.000	23	170	ug/Kg
P3010-26	A4DJ2	Solid	Benzo(a)pyrene		1,200.000	31	170	ug/Kg
P3010-26	A4DJ2	Solid	Benzo(b)fluoranthene		1,400.000	37	170	ug/Kg
P3010-26	A4DJ2	Solid	Benzo(k)fluoranthene		2,300.000	38	170	ug/Kg
P3010-26	A4DJ2	Solid	Bis(2-Chloroethoxy)methane		3,000.000	E 45	170	ug/Kg
P3010-26	A4DJ2	Solid	Bis(2-Chloroethyl)ether		3,100.000	29	330	ug/Kg
P3010-26	A4DJ2	Solid	Bis(2-ethylhexyl)phthalate		4,300.000	E 25	170	ug/Kg
P3010-26	A4DJ2	Solid	Butylbenzylphthalate		3,200.000	E 22	170	ug/Kg
P3010-26	A4DJ2	Solid	Chrysene		1,700.000	24	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3010-26	A4DJ2	Solid	Di-n-butylphthalate	5,300.000	E	27	170	ug/Kg
P3010-26	A4DJ2	Solid	Di-n-octyl phthalate	5,000.000		48	330	ug/Kg
P3010-26	A4DJ2	Solid	Dibenzo(a,h)anthracene	4,300.000	E	26	170	ug/Kg
P3010-26	A4DJ2	Solid	Diethylphthalate	2,100.000		33	170	ug/Kg
P3010-26	A4DJ2	Solid	Fluoranthene	2,700.000	E	19	170	ug/Kg
P3010-26	A4DJ2	Solid	Fluorene	3,600.000	E	27	170	ug/Kg
P3010-26	A4DJ2	Solid	Indeno(1,2,3-cd)pyrene	1,400.000		28	170	ug/Kg
P3010-26	A4DJ2	Solid	N-Nitroso-di-n-propylamine	5,300.000	E	78	170	ug/Kg
P3010-26	A4DJ2	Solid	Nitrobenzene	3,900.000	E	63	170	ug/Kg
P3010-26	A4DJ2	Solid	Pentachlorophenol	5,500.000	E	87	330	ug/Kg
P3010-26	A4DJ2	Solid	Phenanthrene	3,600.000	E	27	170	ug/Kg
P3010-26	A4DJ2	Solid	Phenol	1,700.000		30	330	ug/Kg
P3010-26	A4DJ2	Solid	Pyrene	5,700.000	E	18	170	ug/Kg
Total Svoc :				116,300.00				
Total Concentration:				129,159.00				

Client ID : A4DJ2DL

P3010-26DL	A4DJ2DL	Solid	Benzene, 1,3-dichloro-	*	7,300.000	JD		
P3010-26DL	A4DJ2DL	Solid	Benzene, 1,4-dichloro-	*	2,100.000	JD		
P3010-26DL	A4DJ2DL	Solid	Total Alkanes	*	0.000	D	130	ug/Kg
Total Tics :					9,400.00			
P3010-26DL	A4DJ2DL	Solid	2,4,5-Trichlorophenol		3,200.000	D	160	ug/Kg
P3010-26DL	A4DJ2DL	Solid	2,4,6-Trichlorophenol		2,200.000	D	120	ug/Kg
P3010-26DL	A4DJ2DL	Solid	2,4-Dichlorophenol		4,800.000	D	190	ug/Kg
P3010-26DL	A4DJ2DL	Solid	2,4-Dinitrotoluene		6,600.000	D	170	ug/Kg
P3010-26DL	A4DJ2DL	Solid	2,6-Dinitrotoluene		3,400.000	D	99	ug/Kg
P3010-26DL	A4DJ2DL	Solid	2-Chlorophenol		1,400.000	D	140	ug/Kg
P3010-26DL	A4DJ2DL	Solid	2-Nitrophenol		4,500.000	D	300	ug/Kg
P3010-26DL	A4DJ2DL	Solid	4-Bromophenyl-phenylether		2,700.000	D	130	ug/Kg
P3010-26DL	A4DJ2DL	Solid	4-Chloro-3-methylphenol		5,400.000	D	200	ug/Kg
P3010-26DL	A4DJ2DL	Solid	4-Nitrophenol		3,200.000	D	220	1600 ug/Kg
P3010-26DL	A4DJ2DL	Solid	Acenaphthene		5,200.000	D	130	ug/Kg
P3010-26DL	A4DJ2DL	Solid	Anthracene		1,300.000	D	120	ug/Kg
P3010-26DL	A4DJ2DL	Solid	Benzo(a)anthracene		2,600.000	D	110	ug/Kg
P3010-26DL	A4DJ2DL	Solid	Benzo(a)pyrene		1,100.000	D	150	ug/Kg
P3010-26DL	A4DJ2DL	Solid	Benzo(b)fluoranthene		1,400.000	D	180	ug/Kg
P3010-26DL	A4DJ2DL	Solid	Benzo(k)fluoranthene		2,200.000	D	190	ug/Kg
P3010-26DL	A4DJ2DL	Solid	Bis(2-Chloroethoxy)methane		2,900.000	D	220	ug/Kg
P3010-26DL	A4DJ2DL	Solid	Bis(2-Chloroethyl)ether		3,200.000	D	140	1600 ug/Kg
P3010-26DL	A4DJ2DL	Solid	Bis(2-ethylhexyl)phthalate		4,500.000	D	120	ug/Kg
P3010-26DL	A4DJ2DL	Solid	Butylbenzylphthalate		3,300.000	D	110	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3010-26DL	A4DJ2DL	Solid	Chrysene	1,600.000	D	120	840	ug/Kg
P3010-26DL	A4DJ2DL	Solid	Di-n-butylphthalate	5,900.000	D	130	840	ug/Kg
P3010-26DL	A4DJ2DL	Solid	Di-n-octyl phthalate	5,300.000	D	240	1600	ug/Kg
P3010-26DL	A4DJ2DL	Solid	Dibenzo(a,h)anthracene	4,300.000	D	130	840	ug/Kg
P3010-26DL	A4DJ2DL	Solid	Diethylphthalate	2,300.000	D	160	840	ug/Kg
P3010-26DL	A4DJ2DL	Solid	Fluoranthene	2,800.000	D	94	840	ug/Kg
P3010-26DL	A4DJ2DL	Solid	Fluorene	3,900.000	D	130	840	ug/Kg
P3010-26DL	A4DJ2DL	Solid	Indeno(1,2,3-cd)pyrene	1,400.000	D	140	840	ug/Kg
P3010-26DL	A4DJ2DL	Solid	N-Nitroso-di-n-propylamine	5,700.000	D	390	840	ug/Kg
P3010-26DL	A4DJ2DL	Solid	Nitrobenzene	3,600.000	D	320	840	ug/Kg
P3010-26DL	A4DJ2DL	Solid	Pentachlorophenol	5,300.000	D	440	1600	ug/Kg
P3010-26DL	A4DJ2DL	Solid	Phenanthrene	3,800.000	D	130	840	ug/Kg
P3010-26DL	A4DJ2DL	Solid	Phenol	1,700.000	D	150	1600	ug/Kg
P3010-26DL	A4DJ2DL	Solid	Pyrene	6,500.000	D	89	840	ug/Kg
Total Svoc :				119,200.00				
Total Concentration:				128,600.00				

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

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

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

Calibration Time(s): 18:39 _____

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

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

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

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

Calibration Time(s): 18:39 _____

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

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG070524 SAS No.: BG070524 SDG NO.: BG070524

EPA Sample No.: SSTD020448 Date Analyzed: Jul 5 2024 12:00AM

Lab File ID: BG061852.D Time Analyzed: 11:34

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	46570	8.1	230685	10.91	172810	14.72
	UPPER LIMIT	93140	8.6	461370	11.414	345620	15.222
	LOWER LIMIT	23285	7.6	115342.5	10.414	86405	14.222
	EPA SAMPLE NO.						
01	SBLK678	35465	8.10	181346	10.91	134351	14.72
02	A4DJ2	34707	8.09	161914	10.91	114613	14.72
03	A4DJ2DL	28324	8.09	144187	10.91	114457	14.72
04	A4BC8	37875	8.09	192896	10.91	149321	14.72
05	A4DJ1	36803	8.09	183852	10.91	139353	14.72
06	A4DJ1DL	30077	8.09	153801	10.91	119613	14.72
07	SBLK678	32834	8.09	173499	10.91	137985	14.72
08	A4BC5	39509	8.10	198115	10.91	150599	14.72
09	A4BC7	36325	8.10	183118	10.91	151193	14.71
10	A4CT9	43607	8.09	209763	10.91	148201	14.72
11	A4BC4	41002	8.09	206241	10.91	146123	14.72
12	A4CF6	57580	8.10	285027	10.91	214073	14.72
13	A4CF7	56116	8.09	273825	10.91	197110	14.72
14	A4BC1	61967	8.10	330408	10.91	240784	14.72
15	A4CG0	43707	8.10	223633	10.90	159662	14.72
16	A4CT8	35814	8.09	177793	10.91	131663	14.72
17	A4CF5	29962	8.10	143177	10.91	106374	14.72
18	A4BB9	33444	8.09	170389	10.91	127893	14.72
19	A4CF9	42995	8.10	223164	10.91	173437	14.72
20	A4BC7	32338	8.10	166790	10.91	123313	14.72
21	SLCS678	39570	8.09	205012	10.91	156019	14.72
22	SBLK717	34535	8.09	183361	10.91	139437	14.72
23	A4CF4	45221	8.09	225658	10.91	165415	14.72

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG070524 SAS No.: BG070524 SDG NO.: BG070524

EPA Sample No.: SSTD020448 Date Analyzed: Jul 6 2024 12:00AM

Lab File ID: BG061852.D Time Analyzed: 08:00

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	46570	8.1	230685	10.91	172810	14.72
UPPER LIMIT	93140	8.6	461370	11.414	345620	15.222
LOWER LIMIT	23285	7.6	115342.5	10.414	86405	14.222
EPA SAMPLE NO.						
24 A4BB8	46530	8.10	243304	10.91	179487	14.72
25 A4CF2	62419	8.10	309029	10.91	212862	14.72
26 A4BC2	31191	8.09	161697	10.91	129829	14.72
27 A4CF0	39948	8.10	210532	10.91	158549	14.72
28 A4CT2	35107	8.10	181805	10.91	143317	14.72
29 A4CT2MS	34820	8.09	175412	10.91	133347	14.72
30 A4CT2MSD	33799	8.10	171921	10.91	127103	14.72
31 A4BB5	39836	8.09	208197	10.91	159207	14.72
32 A4BB4	45903	8.10	228052	10.91	166741	14.72
33 A4BB3	46502	8.10	241760	10.91	179614	14.72
34 A4B69	44288	8.09	224212	10.91	163833	14.72
35 A4B67	41104	8.10	202836	10.91	154053	14.72
36 A4CG4	47504	8.09	233588	10.91	174842	14.72

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.: BG070524 SAS No.: BG070524 SDG NO.: BG070524

EPA Sample No.: SSTD020555 Date Analyzed: Jul 5 2024 12:00AM

Lab File ID: BG061894.D Time Analyzed: 11:34

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	35856	8.095	181156	10.91	124350	14.72
UPPER LIMIT	71712	8.595	362312	11.409	248700	15.216
LOWER LIMIT	17928	7.595	90578	10.409	62175	14.216
EPA SAMPLE NO.						
01 SBLK678	35465	8.10	181346	10.91	134351	14.72
02 A4DJ2	34707	8.09	161914	10.91	114613	14.72
03 A4DJ2DL	28324	8.09	144187	10.91	114457	14.72
04 A4BC8	37875	8.09	192896	10.91	149321	14.72
05 A4DJ1	36803	8.09	183852	10.91	139353	14.72
06 A4DJ1DL	30077	8.09	153801	10.91	119613	14.72

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.: BG070524 SAS No.: BG070524 SDG NO.: BG070524

EPA Sample No.: SSTD020556 Date Analyzed: Jul 5 2024 12:00AM

Lab File ID: BG061901.D Time Analyzed: 19:07

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	31661	8.099	166066	10.91	125853	14.72
UPPER LIMIT	63322	8.599	332132	11.408	251706	15.215
LOWER LIMIT	15830.5	7.599	83033	10.408	62926.5	14.215
EPA SAMPLE NO.						
01 SBLK678	32834	8.09	173499	10.91	137985	14.72
02 A4BC5	39509	8.10	198115	10.91	150599	14.72
03 A4BC7	36325	8.10	183118	10.91	151193	14.71
04 A4CT9	43607	8.09	209763	10.91	148201	14.72
05 A4BC4	41002	8.09	206241	10.91	146123	14.72
06 A4CF6	57580	8.10	285027	10.91	214073	14.72
07 A4CF7	56116	8.09	273825	10.91	197110	14.72
08 A4BC1	61967	8.10	330408	10.91	240784	14.72
09 A4CG0	43707	8.10	223633	10.90	159662	14.72
10 A4CT8	35814	8.09	177793	10.91	131663	14.72
11 A4CF5	29962	8.10	143177	10.91	106374	14.72
12 A4BB9	33444	8.09	170389	10.91	127893	14.72
13 A4CF9	42995	8.10	223164	10.91	173437	14.72
14 A4BC7	32338	8.10	166790	10.91	123313	14.72
15 SLCS678	39570	8.09	205012	10.91	156019	14.72

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.: BG070524 SAS No.: BG070524 SDG NO.: BG070524

EPA Sample No.: SSTD020557 Date Analyzed: Jul 6 2024 12:00AM

Lab File ID: BG061917.D Time Analyzed: 06:39

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	38615	8.1	188724	10.91	135606	14.72
UPPER LIMIT	77230	8.6	377448	11.409	271212	15.216
LOWER LIMIT	19307.5	7.6	94362	10.409	67803	14.216
EPA SAMPLE NO.						
01 SBLK717	34535	8.09	183361	10.91	139437	14.72
02 A4CF4	45221	8.09	225658	10.91	165415	14.72
03 A4BB8	46530	8.10	243304	10.91	179487	14.72
04 A4CF2	62419	8.10	309029	10.91	212862	14.72
05 A4BC2	31191	8.09	161697	10.91	129829	14.72
06 A4CF0	39948	8.10	210532	10.91	158549	14.72
07 A4CT2	35107	8.10	181805	10.91	143317	14.72
08 A4CT2MS	34820	8.09	175412	10.91	133347	14.72
09 A4CT2MSD	33799	8.10	171921	10.91	127103	14.72
10 A4BB5	39836	8.09	208197	10.91	159207	14.72
11 A4BB4	45903	8.10	228052	10.91	166741	14.72
12 A4BB3	46502	8.10	241760	10.91	179614	14.72
13 A4B69	44288	8.09	224212	10.91	163833	14.72
14 A4B67	41104	8.10	202836	10.91	154053	14.72
15 A4CG4	47504	8.09	233588	10.91	174842	14.72

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.: BG070524 SAS No.: BG070524 SDG NO.: BG070524

EPA Sample No.: SSTD020448 Date Analyzed: Jul 5 2024 12:00AM

Lab File ID: BG061852.D Time Analyzed: 11:34

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	424925	17.46	382594	21.725	449285	24.963
	UPPER LIMIT	849850	17.96	765188	22.225	898570	25.463
	LOWER LIMIT	212462.5	16.96	191297	21.225	224642.5	24.463
	EPA SAMPLE NO.						
01	SBLK678	324302	17.46	292613	21.72	354683	24.95
02	A4DJ2	270190	17.46	243589	21.73	296818	24.96
03	A4DJ2DL	287723	17.46	255226	21.72	310188	24.95
04	A4BC8	381152	17.46	343511	21.71	422022	24.96
05	A4DJ1	311094	17.46	273069	21.72	322476	24.96
06	A4DJ1DL	310417	17.46	269415	21.72	331584	24.96
07	SBLK678	354178	17.46	326823	21.72	388130	24.96
08	A4BC5	374278	17.46	339046	21.71	406339	24.95
09	A4BC7	357031	17.46	311930	21.72	385390	24.95
10	A4CT9	353572	17.46	318115	21.72	378994	24.96
11	A4BC4	336626	17.45	296949	21.71	360509	24.96
12	A4CF6	502364	17.46	441106	21.72	530980	24.96
13	A4CF7	458519	17.46	411585	21.71	496231	24.96
14	A4BC1	560460	17.46	513661	21.72	622679	24.96
15	A4CG0	365448	17.46	322362	21.72	391655	24.96
16	A4CT8	303038	17.46	265428	21.71	321217	24.96
17	A4CF5	258730	17.46	238419	21.72	283673	24.96
18	A4BB9	298759	17.46	273187	21.72	324196	24.96
19	A4CF9	394636	17.46	350883	21.72	428816	24.96
20	A4BC7	285113	17.46	261440	21.72	306278	24.96
21	SLCS678	352305	17.46	309355	21.72	369559	24.96

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG070524 SAS No.: BG070524 SDG NO.: BG070524

EPA Sample No.: SSTD020448 Date Analyzed: Jul 6 2024 12:00AM

Lab File ID: BG061852.D Time Analyzed: 06:39

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	424925	17.46	382594	21.725	449285	24.963
	UPPER LIMIT	849850	17.96	765188	22.225	898570	25.463
	LOWER LIMIT	212462.5	16.96	191297	21.225	224642.5	24.463
	EPA SAMPLE NO.						
22	SBLK717	330715	17.46	301016	21.72	361938	24.96
23	A4CF4	351090	17.46	322081	21.73	389998	24.97
24	A4BB8	407374	17.46	350126	21.72	432507	24.96
25	A4CF2	471356	17.46	410678	21.72	502859	24.96
26	A4BC2	311997	17.46	275931	21.72	332004	24.96
27	A4CF0	363843	17.46	309180	21.72	375972	24.97
28	A4CT2	334772	17.46	285167	21.72	351724	24.96
29	A4CT2MS	304997	17.46	266503	21.72	318902	24.96
30	A4CT2MSD	295473	17.46	256169	21.72	307053	24.96
31	A4BB5	366738	17.46	324231	21.72	378851	24.96
32	A4BB4	385636	17.46	354699	21.72	430323	24.97
33	A4BB3	426173	17.46	377638	21.72	452210	24.96
34	A4B69	382066	17.46	333468	21.72	406400	24.96
35	A4B67	370979	17.46	337773	21.72	403697	24.96
36	A4CG4	414602	17.46	371715	21.72	451231	24.96

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG070524 SAS No.: BG070524 SDG NO.: BG070524

EPA Sample No.: SSTD020448 Date Analyzed: Jul 6 2024 12:00AM

Lab File ID: BG061852.D Time Analyzed: 16:05

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	424925	17.46	382594	21.725	449285	24.963
UPPER LIMIT	849850	17.96	765188	22.225	898570	25.463
LOWER LIMIT	212462.5	16.96	191297	21.225	224642.5	24.463
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG070524 SAS No.: BG070524 SDG NO.: BG070524

EPA Sample No.: SSTD020555 Date Analyzed: Jul 5 2024 12:00AM

Lab File ID: BG061894.D Time Analyzed: 11:34

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	296372	17.46	257553	21.72	312408	24.957
UPPER LIMIT	592744	17.96	515106	22.22	624816	25.457
LOWER LIMIT	148186	16.96	128776.5	21.22	156204	24.457
EPA SAMPLE NO.						
01 SBLK678	324302	17.46	292613	21.72	354683	24.95
02 A4DJ2	270190	17.46	243589	21.73	296818	24.96
03 A4DJ2DL	287723	17.46	255226	21.72	310188	24.95
04 A4BC8	381152	17.46	343511	21.71	422022	24.96
05 A4DJ1	311094	17.46	273069	21.72	322476	24.96
06 A4DJ1DL	310417	17.46	269415	21.72	331584	24.96

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.: BG070524 SAS No.: BG070524 SDG NO.: BG070524

EPA Sample No.: SSTD020556 Date Analyzed: Jul 5 2024 12:00AM

Lab File ID: BG061901.D Time Analyzed: 19:07

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	309418	17.459	268296	21.719	326820	24.956
	UPPER LIMIT	618836	17.959	536592	22.219	653640	25.456
	LOWER LIMIT	154709	16.959	134148	21.219	163410	24.456
	EPA SAMPLE NO.						
01	SBLK678	354178	17.46	326823	21.72	388130	24.96
02	A4BC5	374278	17.46	339046	21.71	406339	24.95
03	A4BC7	357031	17.46	311930	21.72	385390	24.95
04	A4CT9	353572	17.46	318115	21.72	378994	24.96
05	A4BC4	336626	17.45	296949	21.71	360509	24.96
06	A4CF6	502364	17.46	441106	21.72	530980	24.96
07	A4CF7	458519	17.46	411585	21.71	496231	24.96
08	A4BC1	560460	17.46	513661	21.72	622679	24.96
09	A4CG0	365448	17.46	322362	21.72	391655	24.96
10	A4CT8	303038	17.46	265428	21.71	321217	24.96
11	A4CF5	258730	17.46	238419	21.72	283673	24.96
12	A4BB9	298759	17.46	273187	21.72	324196	24.96
13	A4CF9	394636	17.46	350883	21.72	428816	24.96
14	A4BC7	285113	17.46	261440	21.72	306278	24.96
15	SLCS678	352305	17.46	309355	21.72	369559	24.96

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG070524 SAS No.: BG070524 SDG NO.: BG070524

EPA Sample No.: SSTD020556 Date Analyzed: Jul 6 2024 12:00AM

Lab File ID: BG061901.D Time Analyzed: 04:38

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	309418	17.459	268296	21.719	326820	24.956
UPPER LIMIT	618836	17.959	536592	22.219	653640	25.456
LOWER LIMIT	154709	16.959	134148	21.219	163410	24.456
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.: BG070524 SAS No.: BG070524 SDG NO.: BG070524

EPA Sample No.: SSTD020557 Date Analyzed: Jul 6 2024 12:00AM

Lab File ID: BG061917.D Time Analyzed: 06:39

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	312891	17.46	285055	21.719	341540	24.951
	UPPER LIMIT	625782	17.96	570110	22.219	683080	25.451
	LOWER LIMIT	156445.5	16.96	142527.5	21.219	170770	24.451
	EPA SAMPLE NO.						
01	SBLK717	330715	17.46	301016	21.72	361938	24.96
02	A4CF4	351090	17.46	322081	21.73	389998	24.97
03	A4BB8	407374	17.46	350126	21.72	432507	24.96
04	A4CF2	471356	17.46	410678	21.72	502859	24.96
05	A4BC2	311997	17.46	275931	21.72	332004	24.96
06	A4CF0	363843	17.46	309180	21.72	375972	24.97
07	A4CT2	334772	17.46	285167	21.72	351724	24.96
08	A4CT2MS	304997	17.46	266503	21.72	318902	24.96
09	A4CT2MSD	295473	17.46	256169	21.72	307053	24.96
10	A4BB5	366738	17.46	324231	21.72	378851	24.96
11	A4BB4	385636	17.46	354699	21.72	430323	24.97
12	A4BB3	426173	17.46	377638	21.72	452210	24.96
13	A4B69	382066	17.46	333468	21.72	406400	24.96
14	A4B67	370979	17.46	337773	21.72	403697	24.96
15	A4CG4	414602	17.46	371715	21.72	451231	24.96

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG070524 SAS No.: BG070524 SDG NO.: BG070524

EPA Sample No.: SSTD020557 Date Analyzed: Jul 6 2024 12:00AM

Lab File ID: BG061917.D Time Analyzed: 16:05

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	312891	17.46	285055	21.719	341540	24.951
UPPER LIMIT	625782	17.96	570110	22.219	683080	25.451
LOWER LIMIT	156445.5	16.96	142527.5	21.219	170770	24.451
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.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG070524

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161678BS	1,4-Dioxane	530	350	ug/Kg	66				0	0		
	Benzaldehyde	1300	1000	ug/Kg	77				0	0		
	Pyridine	1300	800	ug/Kg	62				0	0		
	Phenol	1300	970	ug/Kg	75				0	0		
	Bis(2-chloroethyl)ether	1300	890	ug/Kg	68				0	0		
	2-Chlorophenol	1300	1000	ug/Kg	77				0	0		
	2-Methylphenol	1300	960	ug/Kg	74				0	0		
	2,2-oxybis(1-Chloropropane)	1300	810	ug/Kg	62				0	0		
	Acetophenone	1300	950	ug/Kg	73				0	0		
	4-Methylphenol	1300	930	ug/Kg	72				0	0		
	N-Nitroso-di-n-propylamine	1300	880	ug/Kg	68				0	0		
	Hexachloroethane	1300	1000	ug/Kg	77				0	0		
	Nitrobenzene	1300	980	ug/Kg	75				0	0		
	Isophorone	1300	860	ug/Kg	66				0	0		
	2-Nitrophenol	1300	1000	ug/Kg	77				0	0		
	2,4-Dimethylphenol	1300	710	ug/Kg	55				0	0		
	Bis(2-chloroethoxy)methane	1300	860	ug/Kg	66				0	0		
	2,4-Dichlorophenol	1300	1000	ug/Kg	77				0	0		
	Naphthalene	1300	990	ug/Kg	76				0	0		
	4-Chloroaniline	1300	840	ug/Kg	65				0	0		
	Hexachlorobutadiene	1300	1000	ug/Kg	77				0	0		
	Caprolactam	1300	1000	ug/Kg	77				0	0		
	4-Chloro-3-methylphenol	1300	1100	ug/Kg	85				0	0		
	1-Methylnaphthalene	1300	970	ug/Kg	75				0	0		
	2-Methylnaphthalene	1300	1000	ug/Kg	77				0	0		
	Hexachlorocyclopentadiene	1300	580	ug/Kg	45				0	0		
	2,4,6-Trichlorophenol	1300	1000	ug/Kg	77				0	0		
	2,4,5-Trichlorophenol	1300	1000	ug/Kg	77				0	0		
	1,1'-Biphenyl	1300	970	ug/Kg	75				0	0		
	2-Chloronaphthalene	1300	960	ug/Kg	74				0	0		
	2-Nitroaniline	1300	1100	ug/Kg	85				0	0		
	Dimethylphthalate	1300	930	ug/Kg	72				0	0		
	2,6-Dinitrotoluene	1300	1100	ug/Kg	85				0	0		
	Acenaphthylene	1300	960	ug/Kg	74				0	0		
	3-Nitroaniline	1300	1100	ug/Kg	85				0	0		
	Acenaphthene	1300	970	ug/Kg	75				0	0		
	2,4-Dinitrophenol	1300	1100	ug/Kg	85				0	0		
	4-Nitrophenol	1300	1200	ug/Kg	92				0	0		
	Dibenzofuran	1300	990	ug/Kg	76				0	0		
	2,4-Dinitrotoluene	1300	1100	ug/Kg	85				0	0		
	Diethylphthalate	1300	950	ug/Kg	73				0	0		
	Fluorene	1300	980	ug/Kg	75				0	0		
	4-Chlorophenyl-phenylether	1300	1000	ug/Kg	77				0	0		
	4-Nitroaniline	1300	1100	ug/Kg	85				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG070524

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161678BS	4,6-Dinitro-2-methylphenol	1300	1100	ug/Kg	85				0	0		
	N-Nitrosodiphenylamine	1300	1000	ug/Kg	77				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	1000	ug/Kg	77				0	0		
	4-Bromophenyl-phenylether	1300	1100	ug/Kg	85				0	0		
	Hexachlorobenzene	1300	1100	ug/Kg	85				0	0		
	Atrazine	1300	510	ug/Kg	39				0	0		
	Pentachlorophenol	1300	960	ug/Kg	74				0	0		
	Phenanthrene	1300	1000	ug/Kg	77				0	0		
	Pentachlorobenzene	1300	1100	ug/Kg	85				0	0		
	Anthracene	1300	970	ug/Kg	75				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1100	ug/Kg	85				0	0		
	Carbazole	1300	1000	ug/Kg	77				0	0		
	Di-n-butylphthalate	1300	990	ug/Kg	76				0	0		
	Fluoranthene	1300	1000	ug/Kg	77				0	0		
	Pyrene	1300	1000	ug/Kg	77				0	0		
	Butylbenzylphthalate	1300	970	ug/Kg	75				0	0		
	3,3'-Dichlorobenzidine	1300	1100	ug/Kg	85				0	0		
	Benzo(a)anthracene	1300	1000	ug/Kg	77				0	0		
	Chrysene	1300	1000	ug/Kg	77				0	0		
	Bis(2-ethylhexyl)phthalate	1300	970	ug/Kg	75				0	0		
	Di-n-octylphthalate	1300	1000	ug/Kg	77				0	0		
	Benzo(b)fluoranthene	1300	1100	ug/Kg	85				0	0		
	Benzo(k)fluoranthene	1300	1000	ug/Kg	77				0	0		
	Benzo(a)pyrene	1300	960	ug/Kg	74				0	0		
	Indeno(1,2,3-cd)pyrene	1300	1100	ug/Kg	85				0	0		
	Dibenzo(a,h)anthracene	1300	1100	ug/Kg	85				0	0		
	Benzo(g,h,i)perylene	1300	1100	ug/Kg	85				0	0		
	2,3,4,6-Tetrachlorophenol	1300	950	ug/Kg	73				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK678

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG070524

SAS No.: BG070524 SDG NO.: BG070524

Lab File ID: BG061902.D

Lab Sample ID: PB161678BL

Instrument ID: BNA_G

Date Extracted: 06/24/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/05/2024

Level: (low/med) LOW

Time Analyzed: 19:07

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4BC8	P2982-24	BG061898.D	07/05/2024
A4DJ1	P2982-15	BG061899.D	07/05/2024
A4CF4	P2982-08	BG061919.D	07/06/2024
A4BB8	P2982-17	BG061920.D	07/06/2024
A4CF2	P2982-07	BG061921.D	07/06/2024
A4BC2	P2982-20	BG061922.D	07/06/2024
A4CF0	P2982-06	BG061923.D	07/06/2024
A4CT2	P2982-01	BG061924.D	07/06/2024
A4CT2MS	P2982-02MS	BG061925.D	07/06/2024
A4CT2MSD	P2982-03MSD	BG061926.D	07/06/2024
A4BC5	P2982-22	BG061903.D	07/05/2024
A4BC7	P2982-23	BG061904.D	07/05/2024
A4CT9	P2982-26	BG061905.D	07/05/2024
A4BC4	P2982-21	BG061906.D	07/05/2024
A4CF6	P2982-10	BG061907.D	07/05/2024
A4CF7	P2982-11	BG061908.D	07/05/2024
A4BC1	P2982-19	BG061909.D	07/05/2024
A4CG0	P2982-13	BG061910.D	07/06/2024
A4CT8	P2982-25	BG061911.D	07/06/2024
A4CF5	P2982-09	BG061912.D	07/06/2024
A4BB9	P2982-18	BG061913.D	07/06/2024
A4CF9	P2982-12	BG061914.D	07/06/2024
A4BC7	P2982-23	BG061915.D	07/06/2024
PB161678BS	PB161678BS	BG061916.D	07/06/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK717

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG070524

SAS No.: BG070524 SDG NO.: BG070524

Lab File ID: BG061918.D

Lab Sample ID: PB161717BL

Instrument ID: BNA_G

Date Extracted: 06/25/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/06/2024

Level: (low/med) LOW

Time Analyzed: 06:39

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4BB5	P3010-20	BG061927.D	07/06/2024
A4BB4	P3010-19	BG061928.D	07/06/2024
A4BB3	P3010-18	BG061929.D	07/06/2024
A4B69	P3010-16	BG061930.D	07/06/2024
A4B67	P3010-14	BG061931.D	07/06/2024
A4CG4	P3010-22	BG061932.D	07/06/2024
A4DJ2	P3010-26	BG061896.D	07/05/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG070524

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2982-02MS	Client Sample ID:	A4CT2MS					DataFile:	BG061925.D		
1,4-Dioxane	870		120	ug/Kg	14	*			15	120	
Benzaldehyde	2200		120	ug/Kg	5				0	0	
Pyridine	2200			ug/Kg	0				0	0	
Phenol	2200		200	ug/Kg	9	*			26	90	
Bis(2-chloroethyl)ether	2200		180	ug/Kg	8				0	0	
2-Chlorophenol	2200		200	ug/Kg	9	*			25	102	
2-Methylphenol	2200		150	ug/Kg	7				0	0	
2,2-oxybis(1-Chloropropane)	2200		180	ug/Kg	8				0	0	
Acetophenone	2200		200	ug/Kg	9				0	0	
4-Methylphenol	2200		170	ug/Kg	8				0	0	
N-Nitroso-di-n-propylamine	2200		180	ug/Kg	8	*			41	126	
Hexachloroethane	2200		170	ug/Kg	8				0	0	
Nitrobenzene	2200		210	ug/Kg	10				0	0	
Isophorone	2200		180	ug/Kg	8				0	0	
2-Nitrophenol	2200		190	ug/Kg	9				0	0	
2,4-Dimethylphenol	2200		0	ug/Kg	0				0	0	
Bis(2-chloroethoxy)methane	2200		180	ug/Kg	8				0	0	
2,4-Dichlorophenol	2200		210	ug/Kg	10				0	0	
Naphthalene	2200		210	ug/Kg	10				0	0	
4-Chloroaniline	2200		100	ug/Kg	5				0	0	
Hexachlorobutadiene	2200		230	ug/Kg	10				0	0	
Caprolactam	2200		190	ug/Kg	9				0	0	
4-Chloro-3-methylphenol	2200		210	ug/Kg	10	*			26	103	
1-Methylnaphthalene	2200		210	ug/Kg	10				0	0	
2-Methylnaphthalene	2200		220	ug/Kg	10				0	0	
Hexachlorocyclopentadiene	2200		0	ug/Kg	0				0	0	
2,4,6-Trichlorophenol	2200		230	ug/Kg	10				0	0	
2,4,5-Trichlorophenol	2200		220	ug/Kg	10				0	0	
1,1'-Biphenyl	2200		200	ug/Kg	9				0	0	
2-Chloronaphthalene	2200		210	ug/Kg	10				0	0	
2-Nitroaniline	2200		230	ug/Kg	10				0	0	
Dimethylphthalate	2200		210	ug/Kg	10				0	0	
2,6-Dinitrotoluene	2200		220	ug/Kg	10				0	0	
Acenaphthylene	2200		220	ug/Kg	10				0	0	
3-Nitroaniline	2200		210	ug/Kg	10				0	0	
Acenaphthene	2200		220	ug/Kg	10	*			31	137	
2,4-Dinitrophenol	2200		0	ug/Kg	0				0	0	
4-Nitrophenol	2200		240	ug/Kg	11				11	114	
Dibenzofuran	2200		220	ug/Kg	10				0	0	
2,4-Dinitrotoluene	2200		230	ug/Kg	10	*			28	89	
Diethylphthalate	2200		210	ug/Kg	10				0	0	
Fluorene	2200		240	ug/Kg	11				0	0	
4-Chlorophenyl-phenylether	2200		220	ug/Kg	10				0	0	
4-Nitroaniline	2200		250	ug/Kg	11				0	0	
4,6-Dinitro-2-methylphenol	2200		170	ug/Kg	8				0	0	
N-Nitrosodiphenylamine	2200		240	ug/Kg	11				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG070524

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	2200		220	ug/Kg	10				0	0	
4-Bromophenyl-phenylether	2200		250	ug/Kg	11				0	0	
Hexachlorobenzene	2200		190	ug/Kg	9				0	0	
Atrazine	2200		170	ug/Kg	8				0	0	
Pentachlorophenol	2200		150	ug/Kg	7	*			17	109	
Phenanthrene	2200	390	310	ug/Kg	-4				0	0	
Pentachlorobenzene	2200		210	ug/Kg	10				0	0	
Anthracene	2200	58	220	ug/Kg	7				0	0	
1,2,3,4-Tetrachlorobenzene	2200		270	ug/Kg	12				0	0	
Carbazole	2200		210	ug/Kg	10				0	0	
Di-n-butylphthalate	2200		240	ug/Kg	11				0	0	
Fluoranthene	2200	870	380	ug/Kg	-22				0	0	
Pyrene	2200	580	280	ug/Kg	-14	*			35	142	
Butylbenzylphthalate	2200		230	ug/Kg	10				0	0	
3,3'-Dichlorobenzidine	2200		160	ug/Kg	7				0	0	
Benzo(a)anthracene	2200	360	300	ug/Kg	-3				0	0	
Chrysene	2200	470	310	ug/Kg	-7				0	0	
Bis(2-ethylhexyl)phthalate	2200	230	270	ug/Kg	2				0	0	
Di-n-octylphthalate	2200		230	ug/Kg	10				0	0	
Benzo(b)fluoranthene	2200	600	330	ug/Kg	-12				0	0	
Benzo(k)fluoranthene	2200	210	280	ug/Kg	3				0	0	
Benzo(a)pyrene	2200	200	130	ug/Kg	-3				0	0	
Indeno(1,2,3-cd)pyrene	2200	180	190	ug/Kg	0				0	0	
Dibenzo(a,h)anthracene	2200	81	240	ug/Kg	7				0	0	
Benzo(g,h,i)perylene	2200		0	ug/Kg	0				0	0	
2,3,4,6-Tetrachlorophenol	2200		230	ug/Kg	10				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG070524

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2982-03MSD	Client Sample ID:	A4CT2MSD					DataFile:	BG061926.D		
1,4-Dioxane	870		90	ug/Kg	10	*	33		15	120	50
Benzaldehyde	2200		150	ug/Kg	7		33	*	0	0	0
Pyridine	2200			ug/Kg	0				0	0	0
Phenol	2200		210	ug/Kg	10	*	11		26	90	35
Bis(2-chloroethyl)ether	2200		170	ug/Kg	8		0		0	0	0
2-Chlorophenol	2200		220	ug/Kg	10	*	11		25	102	50
2-Methylphenol	2200		170	ug/Kg	8		13	*	0	0	0
2,2-oxybis(1-Chloropropane)	2200		200	ug/Kg	9		12	*	0	0	0
Acetophenone	2200		220	ug/Kg	10		11	*	0	0	0
4-Methylphenol	2200		190	ug/Kg	9		12	*	0	0	0
N-Nitroso-di-n-propylamine	2200		210	ug/Kg	10	*	22		41	126	38
Hexachloroethane	2200		160	ug/Kg	7		13	*	0	0	0
Nitrobenzene	2200		220	ug/Kg	10		0		0	0	0
Isophorone	2200		190	ug/Kg	9		12	*	0	0	0
2-Nitrophenol	2200		210	ug/Kg	10		11	*	0	0	0
2,4-Dimethylphenol	2200		0	ug/Kg	0				0	0	0
Bis(2-chloroethoxy)methane	2200		180	ug/Kg	8		0		0	0	0
2,4-Dichlorophenol	2200		250	ug/Kg	11		10	*	0	0	0
Naphthalene	2200		230	ug/Kg	10		0		0	0	0
4-Chloroaniline	2200		120	ug/Kg	5		0		0	0	0
Hexachlorobutadiene	2200		240	ug/Kg	11		10	*	0	0	0
Caprolactam	2200		180	ug/Kg	8		12	*	0	0	0
4-Chloro-3-methylphenol	2200		240	ug/Kg	11	*	10		26	103	33
1-Methylnaphthalene	2200		230	ug/Kg	10		0		0	0	0
2-Methylnaphthalene	2200		240	ug/Kg	11		10	*	0	0	0
Hexachlorocyclopentadiene	2200		0	ug/Kg	0				0	0	0
2,4,6-Trichlorophenol	2200		240	ug/Kg	11		10	*	0	0	0
2,4,5-Trichlorophenol	2200		240	ug/Kg	11		10	*	0	0	0
1,1'-Biphenyl	2200		240	ug/Kg	11		20	*	0	0	0
2-Chloronaphthalene	2200		240	ug/Kg	11		10	*	0	0	0
2-Nitroaniline	2200		250	ug/Kg	11		10	*	0	0	0
Dimethylphthalate	2200		220	ug/Kg	10		0		0	0	0
2,6-Dinitrotoluene	2200		270	ug/Kg	12		18	*	0	0	0
Acenaphthylene	2200		230	ug/Kg	10		0		0	0	0
3-Nitroaniline	2200		260	ug/Kg	12		18	*	0	0	0
Acenaphthene	2200		240	ug/Kg	11	*	10		31	137	19
2,4-Dinitrophenol	2200		0	ug/Kg	0				0	0	0
4-Nitrophenol	2200		270	ug/Kg	12		9		11	114	50
Dibenzofuran	2200		250	ug/Kg	11		10	*	0	0	0
2,4-Dinitrotoluene	2200		260	ug/Kg	12	*	18		28	89	47
Diethylphthalate	2200		230	ug/Kg	10		0		0	0	0
Fluorene	2200		250	ug/Kg	11		0		0	0	0
4-Chlorophenyl-phenylether	2200		260	ug/Kg	12		18	*	0	0	0
4-Nitroaniline	2200		250	ug/Kg	11		0		0	0	0
4,6-Dinitro-2-methylphenol	2200		190	ug/Kg	9		12	*	0	0	0
N-Nitrosodiphenylamine	2200		250	ug/Kg	11		0		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG070524

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	2200		250	ug/Kg	11		10	*	0	0	0
4-Bromophenyl-phenylether	2200		250	ug/Kg	11		0		0	0	0
Hexachlorobenzene	2200		210	ug/Kg	10		11	*	0	0	0
Atrazine	2200		180	ug/Kg	8		0		0	0	0
Pentachlorophenol	2200		160	ug/Kg	7	*	0		17	109	47
Phenanthrene	2200	390	330	ug/Kg	-3		29	*	0	0	0
Pentachlorobenzene	2200		220	ug/Kg	10		0		0	0	0
Anthracene	2200	58	240	ug/Kg	8		13	*	0	0	0
1,2,3,4-Tetrachlorobenzene	2200		270	ug/Kg	12		0		0	0	0
Carbazole	2200		240	ug/Kg	11		10	*	0	0	0
Di-n-butylphthalate	2200		270	ug/Kg	12		9	*	0	0	0
Fluoranthene	2200	870	420	ug/Kg	-20		10	*	0	0	0
Pyrene	2200	580	320	ug/Kg	-12	*	15		35	142	36
Butylbenzylphthalate	2200		260	ug/Kg	12		18	*	0	0	0
3,3'-Dichlorobenzidine	2200		170	ug/Kg	8		13	*	0	0	0
Benzo(a)anthracene	2200	360	330	ug/Kg	-1		100	*	0	0	0
Chrysene	2200	470	350	ug/Kg	-5		33	*	0	0	0
Bis(2-ethylhexyl)phthalate	2200	230	290	ug/Kg	3		40	*	0	0	0
Di-n-octylphthalate	2200		260	ug/Kg	12		18	*	0	0	0
Benzo(b)fluoranthene	2200	600	380	ug/Kg	-10		18	*	0	0	0
Benzo(k)fluoranthene	2200	210	290	ug/Kg	4		29	*	0	0	0
Benzo(a)pyrene	2200	200	150	ug/Kg	-2		40	*	0	0	0
Indeno(1,2,3-cd)pyrene	2200	180	220	ug/Kg	2		200	*	0	0	0
Dibenzo(a,h)anthracene	2200	81	290	ug/Kg	10		35	*	0	0	0
Benzo(g,h,i)perylene	2200		0	ug/Kg	0				0	0	0
2,3,4,6-Tetrachlorophenol	2200		240	ug/Kg	11		10	*	0	0	0

Surrogate Summary

SW-846

SDG No.: BG070524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2982-01	A4CT2	BG061924.D	1,4-Dioxane-d8	8	2.28	29		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	17.02	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.30	38		10	150
			2-Chlorophenol-d4	40	17.32	43		15	120
			4-Methylphenol-d8	40	15.52	39		10	140
			Nitrobenzene-d5	40	18.61	47		10	135
			2-Nitrophenol-d4	40	19.16	48		10	120
			2,4-Dichlorophenol-d3	40	18.83	47		10	140
			4-Chloroaniline-d4	40	2.75	7		1	145
			Dimethylphthalate-d6	40	18.13	45		10	145
			Acenaphthylene-d8	40	18.80	47		15	120
			4-Nitrophenol-d4	40	15.02	38		10	150
			Fluorene-d10	40	18.91	47		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.01	43		10	130
			Anthracene-d10	40	18.45	46		10	150
			Pyrene-d10	40	16.49	41		10	130
			Benzo(a)pyrene-d12	40	11.41	29		10	140
P2982-02MS	A4CT2MS	BG061925.D	1,4-Dioxane-d8	8	0.15	2	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	2.81	7	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	2.78	7	*	10	150
			2-Chlorophenol-d4	40	2.69	7	*	15	120
			4-Methylphenol-d8	40	2.38	6	*	10	140
			Nitrobenzene-d5	40	3.04	8	*	10	135
			2-Nitrophenol-d4	40	3.31	8	*	10	120
			2,4-Dichlorophenol-d3	40	3.19	8	*	10	140
			4-Chloroaniline-d4	40	1.38	3		1	145
			Dimethylphthalate-d6	40	3.16	8	*	10	145
			Acenaphthylene-d8	40	3.26	8	*	15	120
			4-Nitrophenol-d4	40	2.74	7	*	10	150
			Fluorene-d10	40	3.34	8	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.68	7	*	10	130
			Anthracene-d10	40	3.33	8	*	10	150
			Pyrene-d10	40	2.93	7	*	10	130
			Benzo(a)pyrene-d12	40	2.27	6	*	10	140
P2982-03MSD	A4CT2MSD	BG061926.D	1,4-Dioxane-d8	8	0.18	2	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	3.10	8	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	3.15	8	*	10	150
			2-Chlorophenol-d4	40	3.33	8	*	15	120
			4-Methylphenol-d8	40	2.43	6	*	10	140
			Nitrobenzene-d5	40	3.89	10		10	135
			2-Nitrophenol-d4	40	3.64	9	*	10	120
			2,4-Dichlorophenol-d3	40	3.87	10		10	140
			4-Chloroaniline-d4	40	1.35	3		1	145
			Dimethylphthalate-d6	40	3.70	9	*	10	145
			Acenaphthylene-d8	40	3.41	9	*	15	120
			4-Nitrophenol-d4	40	2.95	7	*	10	150

Surrogate Summary

SW-846

SDG No.: **BG070524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2982-03MSD	A4CT2MSD	BG061926.D	Fluorene-d10	40	3.75	9	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.06	8	*	10	130
			Anthracene-d10	40	3.50	9	*	10	150
			Pyrene-d10	40	3.28	8	*	10	130
			Benzo(a)pyrene-d12	40	2.33	6	*	10	140
P2982-06	A4CF0	BG061923.D	1,4-Dioxane-d8	8	2.02	25		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	19.48	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.18	40		10	150
			2-Chlorophenol-d4	40	18.85	47		15	120
			4-Methylphenol-d8	40	18.25	46		10	140
			Nitrobenzene-d5	40	20.31	51		10	135
			2-Nitrophenol-d4	40	19.59	49		10	120
			2,4-Dichlorophenol-d3	40	19.89	50		10	140
			4-Chloroaniline-d4	40	1.99	5		1	145
			Dimethylphthalate-d6	40	18.48	46		10	145
			Acenaphthylene-d8	40	19.96	50		15	120
			4-Nitrophenol-d4	40	18.41	46		10	150
			Fluorene-d10	40	19.67	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.52	46		10	130
			Anthracene-d10	40	19.16	48		10	150
			Pyrene-d10	40	18.11	45		10	130
			Benzo(a)pyrene-d12	40	13.59	34		10	140
P2982-07	A4CF2	BG061921.D	1,4-Dioxane-d8	8	2.34	29		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	17.58	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.85	42		10	150
			2-Chlorophenol-d4	40	18.94	47		15	120
			4-Methylphenol-d8	40	16.74	42		10	140
			Nitrobenzene-d5	40	20.12	50		10	135
			2-Nitrophenol-d4	40	20.46	51		10	120
			2,4-Dichlorophenol-d3	40	20.43	51		10	140
			4-Chloroaniline-d4	40	3.01	8		1	145
			Dimethylphthalate-d6	40	19.64	49		10	145
			Acenaphthylene-d8	40	21.26	53		15	120
			4-Nitrophenol-d4	40	9.36	23		10	150
			Fluorene-d10	40	20.63	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.89	42		10	130
			Anthracene-d10	40	20.60	52		10	150
			Pyrene-d10	40	18.36	46		10	130
			Benzo(a)pyrene-d12	40	13.92	35		10	140
P2982-08	A4CF4	BG061919.D	1,4-Dioxane-d8	8	3.20	40		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	25.63	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.72	62		10	150
			2-Chlorophenol-d4	40	26.55	66		15	120
			4-Methylphenol-d8	40	26.04	65		10	140
			Nitrobenzene-d5	40	30.15	75		10	135
			2-Nitrophenol-d4	40	30.95	77		10	120

Surrogate Summary

SW-846

SDG No.: BG070524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2982-08	A4CF4	BG061919.D	2,4-Dichlorophenol-d3	40	29.43	74		10	140
			4-Chloroaniline-d4	40	7.04	18		1	145
			Dimethylphthalate-d6	40	26.64	67		10	145
			Acenaphthylene-d8	40	28.41	71		15	120
			4-Nitrophenol-d4	40	21.94	55		10	150
			Fluorene-d10	40	27.64	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	29.70	74		10	130
			Anthracene-d10	40	29.21	73		10	150
			Pyrene-d10	40	24.11	60		10	130
			Benzo(a)pyrene-d12	40	18.92	47		10	140
P2982-09	A4CF5	BG061912.D	1,4-Dioxane-d8	8	3.04	38		15	120
			Pyridine-d5	40	17.55	44		20	120
			Phenol-d5	40	25.21	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.62	57		10	150
			2-Chlorophenol-d4	40	26.22	66		15	120
			4-Methylphenol-d8	40	24.61	62		10	140
			Nitrobenzene-d5	40	28.70	72		10	135
			2-Nitrophenol-d4	40	29.51	74		10	120
			2,4-Dichlorophenol-d3	40	29.61	74		10	140
			4-Chloroaniline-d4	40	24.60	62		1	145
			Dimethylphthalate-d6	40	27.87	70		10	145
			Acenaphthylene-d8	40	29.72	74		15	120
			4-Nitrophenol-d4	40	26.05	65		10	150
			Fluorene-d10	40	29.60	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.44	64		10	130
			Anthracene-d10	40	27.98	70		10	150
			Pyrene-d10	40	28.37	71		10	130
			Benzo(a)pyrene-d12	40	29.63	74		10	140
P2982-10	A4CF6	BG061907.D	1,4-Dioxane-d8	8	3.26	41		15	120
			Pyridine-d5	40	1.56	4	*	20	120
			Phenol-d5	40	18.12	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.01	43		10	150
			2-Chlorophenol-d4	40	18.49	46		15	120
			4-Methylphenol-d8	40	17.86	45		10	140
			Nitrobenzene-d5	40	18.52	46		10	135
			2-Nitrophenol-d4	40	20.61	52		10	120
			2,4-Dichlorophenol-d3	40	20.53	51		10	140
			4-Chloroaniline-d4	40	13.10	33		1	145
			Dimethylphthalate-d6	40	19.70	49		10	145
			Acenaphthylene-d8	40	20.26	51		15	120
			4-Nitrophenol-d4	40	19.30	48		10	150
			Fluorene-d10	40	21.41	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.93	52		10	130
			Anthracene-d10	40	21.53	54		10	150
			Pyrene-d10	40	19.04	48		10	130
			Benzo(a)pyrene-d12	40	14.78	37		10	140
P2982-11	A4CF7	BG061908.D	1,4-Dioxane-d8	8	2.66	33		15	120
			Pyridine-d5	40	11.00	28		20	120
			Phenol-d5	40	15.44	39		10	130

Surrogate Summary

SW-846

SDG No.: BG070524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2982-11	A4CF7	BG061908.D	Bis(2-Chloroethyl)ether-d8	40	14.99	37		10	150
			2-Chlorophenol-d4	40	16.43	41		15	120
			4-Methylphenol-d8	40	15.62	39		10	140
			Nitrobenzene-d5	40	17.35	43		10	135
			2-Nitrophenol-d4	40	19.27	48		10	120
			2,4-Dichlorophenol-d3	40	17.52	44		10	140
			4-Chloroaniline-d4	40	16.11	40		1	145
			Dimethylphthalate-d6	40	18.48	46		10	145
			Acenaphthylene-d8	40	19.24	48		15	120
			4-Nitrophenol-d4	40	16.59	41		10	150
			Fluorene-d10	40	19.19	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.00	42		10	130
			Anthracene-d10	40	18.63	47		10	150
			Pyrene-d10	40	18.68	47		10	130
			Benzo(a)pyrene-d12	40	19.75	49		10	140
P2982-12	A4CF9	BG061914.D	1,4-Dioxane-d8	8	4.17	52		15	120
			Pyridine-d5	40	18.18	45		20	120
			Phenol-d5	40	24.79	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.51	59		10	150
			2-Chlorophenol-d4	40	25.52	64		15	120
			4-Methylphenol-d8	40	22.53	56		10	140
			Nitrobenzene-d5	40	27.16	68		10	135
			2-Nitrophenol-d4	40	28.85	72		10	120
			2,4-Dichlorophenol-d3	40	27.40	69		10	140
			4-Chloroaniline-d4	40	23.52	59		1	145
			Dimethylphthalate-d6	40	24.61	62		10	145
			Acenaphthylene-d8	40	26.23	66		15	120
			4-Nitrophenol-d4	40	22.18	55		10	150
			Fluorene-d10	40	26.01	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.46	59		10	130
			Anthracene-d10	40	26.03	65		10	150
			Pyrene-d10	40	26.83	67		10	130
P2982-13	A4CG0	BG061910.D	Benzo(a)pyrene-d12	40	27.02	68		10	140
			1,4-Dioxane-d8	8	2.07	26		15	120
			Pyridine-d5	40	10.10	25		20	120
			Phenol-d5	40	16.36	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.82	40		10	150
			2-Chlorophenol-d4	40	17.73	44		15	120
			4-Methylphenol-d8	40	16.29	41		10	140
			Nitrobenzene-d5	40	18.05	45		10	135
			2-Nitrophenol-d4	40	18.87	47		10	120
			2,4-Dichlorophenol-d3	40	17.35	43		10	140
			4-Chloroaniline-d4	40	14.40	36		1	145
			Dimethylphthalate-d6	40	17.99	45		10	145
			Acenaphthylene-d8	40	18.98	47		15	120
			4-Nitrophenol-d4	40	16.58	41		10	150
			Fluorene-d10	40	18.84	47		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.80	42		10	130
			Anthracene-d10	40	18.25	46		10	150

Surrogate Summary

SW-846

SDG No.: BG070524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2982-13	A4CG0	BG061910.D	Pyrene-d10	40	19.12	48		10	130
			Benzo(a)pyrene-d12	40	19.05	48		10	140
P2982-15	A4DJ1	BG061899.D	1,4-Dioxane-d8	8	3.60	45		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	28.83	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.55	66		10	150
			2-Chlorophenol-d4	40	28.94	72		15	120
			4-Methylphenol-d8	40	29.71	74		10	140
			Nitrobenzene-d5	40	30.93	77		10	135
			2-Nitrophenol-d4	40	30.69	77		10	120
			2,4-Dichlorophenol-d3	40	41.50	104		10	140
			4-Chloroaniline-d4	40	20.46	51		1	145
			Dimethylphthalate-d6	40	32.91	82		10	145
			Acenaphthylene-d8	40	34.03	85		15	120
			4-Nitrophenol-d4	40	31.80	79		10	150
			Fluorene-d10	40	35.87	90		20	140
			4,6-Dinitro-2-methylphenol-d2	40	35.81	90		10	130
			Anthracene-d10	40	36.44	91		10	150
			Pyrene-d10	40	36.70	92		10	130
			Benzo(a)pyrene-d12	40	37.83	95		10	140
P2982-15DL	A4DJ1DL	BG061900.D	1,4-Dioxane-d8	8	4.37	55		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	29.33	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.30	73		10	150
			2-Chlorophenol-d4	40	28.47	71		15	120
			4-Methylphenol-d8	40	29.18	73		10	140
			Nitrobenzene-d5	40	31.80	79		10	135
			2-Nitrophenol-d4	40	31.70	79		10	120
			2,4-Dichlorophenol-d3	40	46.76	117		10	140
			4-Chloroaniline-d4	40	22.97	57		1	145
			Dimethylphthalate-d6	40	36.28	91		10	145
			Acenaphthylene-d8	40	38.17	95		15	120
			4-Nitrophenol-d4	40	37.08	93		10	150
			Fluorene-d10	40	40.03	100		20	140
			4,6-Dinitro-2-methylphenol-d2	40	32.16	80		10	130
			Anthracene-d10	40	38.63	97		10	150
			Pyrene-d10	40	41.12	103		10	130
			Benzo(a)pyrene-d12	40	41.79	104		10	140
P2982-17	A4BB8	BG061920.D	1,4-Dioxane-d8	8	2.49	31		15	120
			Pyridine-d5	40	11.20	28		20	120
			Phenol-d5	40	19.07	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.65	44		10	150
			2-Chlorophenol-d4	40	19.43	49		15	120
			4-Methylphenol-d8	40	19.48	49		10	140
			Nitrobenzene-d5	40	20.95	52		10	135
			2-Nitrophenol-d4	40	21.66	54		10	120
			2,4-Dichlorophenol-d3	40	21.04	53		10	140
			4-Chloroaniline-d4	40	16.55	41		1	145
			Dimethylphthalate-d6	40	20.18	50		10	145

Surrogate Summary

SW-846

SDG No.: BG070524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2982-17	A4BB8	BG061920.D	Acenaphthylene-d8	40	21.24	53		15	120
			4-Nitrophenol-d4	40	17.20	43		10	150
			Fluorene-d10	40	20.56	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.38	43		10	130
			Anthracene-d10	40	20.83	52		10	150
			Pyrene-d10	40	21.04	53		10	130
			Benzo(a)pyrene-d12	40	21.66	54		10	140
P2982-18	A4BB9	BG061913.D	Pyridine-d5	40	16.27	41		20	120
			1,4-Dioxane-d8	8	3.50	44		15	120
			Phenol-d5	40	23.83	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.58	56		10	150
			2-Chlorophenol-d4	40	25.30	63		15	120
			4-Methylphenol-d8	40	25.21	63		10	140
			Nitrobenzene-d5	40	25.10	63		10	135
			2-Nitrophenol-d4	40	27.31	68		10	120
			2,4-Dichlorophenol-d3	40	27.16	68		10	140
			4-Chloroaniline-d4	40	24.37	61		1	145
			Dimethylphthalate-d6	40	26.13	65		10	145
			Acenaphthylene-d8	40	27.87	70		15	120
			4-Nitrophenol-d4	40	23.90	60		10	150
			Fluorene-d10	40	26.75	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.14	58		10	130
			Anthracene-d10	40	26.91	67		10	150
			Pyrene-d10	40	26.92	67		10	130
			Benzo(a)pyrene-d12	40	28.13	70		10	140
			Pyridine-d5	40	11.53	29		20	120
			1,4-Dioxane-d8	8	2.50	31		15	120
P2982-19	A4BC1	BG061909.D	Phenol-d5	40	15.41	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.16	38		10	150
			2-Chlorophenol-d4	40	15.73	39		15	120
			4-Methylphenol-d8	40	16.22	41		10	140
			Nitrobenzene-d5	40	17.04	43		10	135
			2-Nitrophenol-d4	40	17.43	44		10	120
			2,4-Dichlorophenol-d3	40	16.85	42		10	140
			4-Chloroaniline-d4	40	14.18	35		1	145
			Dimethylphthalate-d6	40	16.33	41		10	145
			Acenaphthylene-d8	40	17.25	43		15	120
			4-Nitrophenol-d4	40	14.72	37		10	150
			Fluorene-d10	40	16.98	42		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.99	40		10	130
			Anthracene-d10	40	17.35	43		10	150
			Pyrene-d10	40	16.95	42		10	130
			Benzo(a)pyrene-d12	40	17.72	44		10	140
P2982-20	A4BC2	BG061922.D	1,4-Dioxane-d8	8	3.56	44		15	120
			Pyridine-d5	40	16.26	41		20	120
			Phenol-d5	40	22.41	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.97	52		10	150
			2-Chlorophenol-d4	40	23.52	59		15	120
			4-Methylphenol-d8	40	24.49	61		10	140

Surrogate Summary

SW-846

SDG No.: BG070524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2982-20	A4BC2	BG061922.D	Nitrobenzene-d5	40	27.77	69		10	135
			2-Nitrophenol-d4	40	27.30	68		10	120
			2,4-Dichlorophenol-d3	40	26.18	65		10	140
			4-Chloroaniline-d4	40	24.35	61		1	145
			Dimethylphthalate-d6	40	25.00	62		10	145
			Acenaphthylene-d8	40	25.82	65		15	120
			4-Nitrophenol-d4	40	22.66	57		10	150
			Fluorene-d10	40	25.87	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.89	55		10	130
			Anthracene-d10	40	24.42	61		10	150
			Pyrene-d10	40	25.16	63		10	130
			Benzo(a)pyrene-d12	40	25.94	65		10	140
P2982-21	A4BC4	BG061906.D	Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	4.56	57		15	120
			Phenol-d5	40	29.91	75		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.71	72		10	150
			2-Chlorophenol-d4	40	31.25	78		15	120
			4-Methylphenol-d8	40	30.06	75		10	140
			Nitrobenzene-d5	40	32.41	81		10	135
			2-Nitrophenol-d4	40	33.11	83		10	120
			2,4-Dichlorophenol-d3	40	33.67	84		10	140
			4-Chloroaniline-d4	40	9.77	24		1	145
			Dimethylphthalate-d6	40	31.57	79		10	145
			Acenaphthylene-d8	40	33.86	85		15	120
			4-Nitrophenol-d4	40	29.70	74		10	150
			Fluorene-d10	40	33.18	83		20	140
			4,6-Dinitro-2-methylphenol-d2	40	34.07	85		10	130
			Anthracene-d10	40	32.51	81		10	150
			Pyrene-d10	40	28.47	71		10	130
			Benzo(a)pyrene-d12	40	21.67	54		10	140
P2982-22	A4BC5	BG061903.D	1,4-Dioxane-d8	8	3.51	44		15	120
			Pyridine-d5	40	7.15	18	*	20	120
			Phenol-d5	40	20.32	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.37	46		10	150
			2-Chlorophenol-d4	40	20.98	52		15	120
			4-Methylphenol-d8	40	20.59	51		10	140
			Nitrobenzene-d5	40	22.06	55		10	135
			2-Nitrophenol-d4	40	22.63	57		10	120
			2,4-Dichlorophenol-d3	40	22.56	56		10	140
			4-Chloroaniline-d4	40	18.20	45		1	145
			Dimethylphthalate-d6	40	21.84	55		10	145
			Acenaphthylene-d8	40	23.37	58		15	120
			4-Nitrophenol-d4	40	18.82	47		10	150
			Fluorene-d10	40	23.96	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.04	53		10	130
			Anthracene-d10	40	22.04	55		10	150
			Pyrene-d10	40	22.60	57		10	130
			Benzo(a)pyrene-d12	40	23.27	58		10	140
P2982-23	A4BC7	BG061904.D	1,4-Dioxane-d8	8	3.38	42		15	120

Surrogate Summary

SW-846

SDG No.: BG070524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2982-23	A4BC7	BG061904.D	Pyridine-d5	40	10.97	27		20	120
		BG061915.D	1,4-Dioxane-d8	8	6.50	81		15	120
			Pyridine-d5	40	28.99	72		20	120
			Phenol-d5	40	39.62	99		10	130
		BG061904.D	Phenol-d5	40	22.78	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.47	51		10	150
		BG061915.D	Bis(2-Chloroethyl)ether-d8	40	37.67	94		10	150
			2-Chlorophenol-d4	40	40.20	100		15	120
		BG061904.D	2-Chlorophenol-d4	40	24.56	61		15	120
			4-Methylphenol-d8	40	23.30	58		10	140
		BG061915.D	4-Methylphenol-d8	40	41.71	104		10	140
			Nitrobenzene-d5	40	43.73	109		10	135
		BG061904.D	Nitrobenzene-d5	40	24.83	62		10	135
			2-Nitrophenol-d4	40	23.65	59		10	120
		BG061915.D	2-Nitrophenol-d4	40	45.75	114		10	120
			2,4-Dichlorophenol-d3	40	43.36	108		10	140
		BG061904.D	2,4-Dichlorophenol-d3	40	26.29	66		10	140
			4-Chloroaniline-d4	40	19.30	48		1	145
		BG061915.D	4-Chloroaniline-d4	40	39.21	98		1	145
			Dimethylphthalate-d6	40	45.53	114		10	145
		BG061904.D	Dimethylphthalate-d6	40	22.66	57		10	145
			Acenaphthylene-d8	40	24.08	60		15	120
		BG061915.D	Acenaphthylene-d8	40	46.49	116		15	120
			4-Nitrophenol-d4	40	43.66	109		10	150
		BG061904.D	4-Nitrophenol-d4	40	20.35	51		10	150
			Fluorene-d10	40	24.44	61		20	140
		BG061915.D	Fluorene-d10	40	46.89	117		20	140
			4,6-Dinitro-2-methylphenol-d2	40	43.15	108		10	130
		BG061904.D	4,6-Dinitro-2-methylphenol-d2	40	22.45	56		10	130
			Anthracene-d10	40	24.23	61		10	150
		BG061915.D	Anthracene-d10	40	47.37	118		10	150
			Pyrene-d10	40	46.94	117		10	130
		BG061904.D	Pyrene-d10	40	24.34	61		10	130
			Benzo(a)pyrene-d12	40	24.51	61		10	140
		BG061915.D	Benzo(a)pyrene-d12	40	51.06	128		10	140
P2982-24	A4BC8	BG061898.D	Pyridine-d5	40	12.91	32		20	120
			1,4-Dioxane-d8	8	3.23	40		15	120
			Phenol-d5	40	17.41	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.64	42		10	150
			2-Chlorophenol-d4	40	18.11	45		15	120
			4-Methylphenol-d8	40	17.42	44		10	140
			Nitrobenzene-d5	40	19.07	48		10	135
			2-Nitrophenol-d4	40	18.90	47		10	120
			2,4-Dichlorophenol-d3	40	19.53	49		10	140
			4-Chloroaniline-d4	40	17.02	43		1	145
			Dimethylphthalate-d6	40	18.88	47		10	145
			Acenaphthylene-d8	40	18.90	47		15	120
			4-Nitrophenol-d4	40	18.15	45		10	150
			Fluorene-d10	40	20.09	50		20	140

Surrogate Summary

SW-846

SDG No.: BG070524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2982-24	A4BC8	BG061898.D	4,6-Dinitro-2-methylphenol-d2	40	16.10	40		10	130
			Anthracene-d10	40	19.31	48		10	150
			Pyrene-d10	40	20.07	50		10	130
			Benzo(a)pyrene-d12	40	20.02	50		10	140
P2982-25	A4CT8	BG061911.D	1,4-Dioxane-d8	8	3.61	45		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	25.56	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.55	61		10	150
			2-Chlorophenol-d4	40	26.85	67		15	120
			4-Methylphenol-d8	40	23.12	58		10	140
			Nitrobenzene-d5	40	30.42	76		10	135
			2-Nitrophenol-d4	40	30.21	76		10	120
			2,4-Dichlorophenol-d3	40	28.92	72		10	140
			4-Chloroaniline-d4	40	10.13	25		1	145
			Dimethylphthalate-d6	40	28.04	70		10	145
			Acenaphthylene-d8	40	29.74	74		15	120
			4-Nitrophenol-d4	40	21.59	54		10	150
			Fluorene-d10	40	29.51	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.37	68		10	130
			Anthracene-d10	40	29.13	73		10	150
			Pyrene-d10	40	26.95	67		10	130
			Benzo(a)pyrene-d12	40	20.33	51		10	140
P2982-26	A4CT9	BG061905.D	1,4-Dioxane-d8	8	4.21	53		15	120
			Pyridine-d5	40	14.61	37		20	120
			Phenol-d5	40	21.49	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.17	50		10	150
			2-Chlorophenol-d4	40	22.35	56		15	120
			4-Methylphenol-d8	40	21.65	54		10	140
			Nitrobenzene-d5	40	24.78	62		10	135
			2-Nitrophenol-d4	40	26.79	67		10	120
			2,4-Dichlorophenol-d3	40	25.24	63		10	140
			4-Chloroaniline-d4	40	17.73	44		1	145
			Dimethylphthalate-d6	40	24.59	61		10	145
			Acenaphthylene-d8	40	25.73	64		15	120
			4-Nitrophenol-d4	40	23.33	58		10	150
			Fluorene-d10	40	25.49	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.17	58		10	130
			Anthracene-d10	40	24.28	61		10	150
			Pyrene-d10	40	24.48	61		10	130
			Benzo(a)pyrene-d12	40	25.54	64		10	140
PB161678BL	PB161678BL	BG061895.D	1,4-Dioxane-d8	8	4.91	61		15	120
			Pyridine-d5	40	22.44	56		20	120
		BG061902.D	Pyridine-d5	40	24.87	62		20	120
			1,4-Dioxane-d8	8	5.16	64		15	120
		BG061895.D	Phenol-d5	40	26.58	66		10	130
			Phenol-d5	40	24.91	62		10	130
		BG061902.D	Bis(2-Chloroethyl)ether-d8	40	23.17	58		10	150
			Bis(2-Chloroethyl)ether-d8	40	24.60	61		10	150
		BG061902.D	2-Chlorophenol-d4	40	26.65	67		15	120
			2-Chlorophenol-d4	40	26.65	67		15	120

Surrogate Summary

SW-846

SDG No.: BG070524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161678BL	PB161678BL	BG061895.D	2-Chlorophenol-d4	40	25.36	63		15	120
			4-Methylphenol-d8	40	25.83	65		10	140
		BG061902.D	4-Methylphenol-d8	40	26.64	67		10	140
			Nitrobenzene-d5	40	27.13	68		10	135
		BG061895.D	Nitrobenzene-d5	40	27.53	69		10	135
			2-Nitrophenol-d4	40	27.15	68		10	120
		BG061902.D	2-Nitrophenol-d4	40	28.35	71		10	120
			2,4-Dichlorophenol-d3	40	27.63	69		10	140
		BG061895.D	2,4-Dichlorophenol-d3	40	27.18	68		10	140
			4-Chloroaniline-d4	40	26.60	66		1	145
		BG061902.D	4-Chloroaniline-d4	40	27.12	68		1	145
			Dimethylphthalate-d6	40	28.45	71		10	145
		BG061895.D	Dimethylphthalate-d6	40	27.60	69		10	145
			Acenaphthylene-d8	40	27.60	69		15	120
		BG061902.D	Acenaphthylene-d8	40	27.61	69		15	120
			4-Nitrophenol-d4	40	28.26	71		10	150
		BG061895.D	4-Nitrophenol-d4	40	26.12	65		10	150
			Fluorene-d10	40	28.72	72		20	140
		BG061902.D	Fluorene-d10	40	29.28	73		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.79	69		10	130
		BG061895.D	4,6-Dinitro-2-methylphenol-d2	40	26.06	65		10	130
			Anthracene-d10	40	28.60	71		10	150
		BG061902.D	Anthracene-d10	40	28.74	72		10	150
			Pyrene-d10	40	28.34	71		10	130
		BG061895.D	Pyrene-d10	40	28.46	71		10	130
			Benzo(a)pyrene-d12	40	28.79	72		10	140
		BG061902.D	Benzo(a)pyrene-d12	40	29.73	74		10	140
PB161678BS	PB161678BS	BG061916.D	1,4-Dioxane-d8	8	4.64	58		15	120
			Pyridine-d5	40	23.74	59		20	120
			Phenol-d5	40	28.88	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.06	65		10	150
			2-Chlorophenol-d4	40	29.16	73		15	120
			4-Methylphenol-d8	40	29.01	73		10	140
			Nitrobenzene-d5	40	31.11	78		10	135
			2-Nitrophenol-d4	40	32.83	82		10	120
			2,4-Dichlorophenol-d3	40	34.01	85		10	140
			4-Chloroaniline-d4	40	27.55	69		1	145
			Dimethylphthalate-d6	40	29.41	74		10	145
			Acenaphthylene-d8	40	30.27	76		15	120
			4-Nitrophenol-d4	40	31.14	78		10	150
			Fluorene-d10	40	30.55	76		20	140
			4,6-Dinitro-2-methylphenol-d2	40	35.33	88		10	130
			Anthracene-d10	40	30.41	76		10	150
			Pyrene-d10	40	31.52	79		10	130
			Benzo(a)pyrene-d12	40	33.12	83		10	140

Surrogate Summary

SW-846

SDG No.: BG070524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3010-14	A4B67	BG061931.D	1,4-Dioxane-d8	8	3.62	45		15	120
			Pyridine-d5	40	14.65	37		20	120
			Phenol-d5	40	19.83	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.33	48		10	150
			2-Chlorophenol-d4	40	21.83	55		15	120
			4-Methylphenol-d8	40	22.02	55		10	140
			Nitrobenzene-d5	40	22.88	57		10	135
			2-Nitrophenol-d4	40	24.91	62		10	120
			2,4-Dichlorophenol-d3	40	24.54	61		10	140
			4-Chloroaniline-d4	40	21.34	53		1	145
			Dimethylphthalate-d6	40	23.66	59		10	145
			Acenaphthylene-d8	40	24.42	61		15	120
			4-Nitrophenol-d4	40	23.67	59		10	150
			Fluorene-d10	40	25.32	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.14	55		10	130
			Anthracene-d10	40	24.51	61		10	150
			Pyrene-d10	40	25.34	63		10	130
			Benzo(a)pyrene-d12	40	25.66	64		10	140
P3010-16	A4B69	BG061930.D	1,4-Dioxane-d8	8	3.27	41		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	21.46	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.92	50		10	150
			2-Chlorophenol-d4	40	22.68	57		15	120
			4-Methylphenol-d8	40	21.53	54		10	140
			Nitrobenzene-d5	40	23.76	59		10	135
			2-Nitrophenol-d4	40	23.15	58		10	120
			2,4-Dichlorophenol-d3	40	24.15	60		10	140
			4-Chloroaniline-d4	40	12.41	31		1	145
			Dimethylphthalate-d6	40	24.00	60		10	145
			Acenaphthylene-d8	40	24.77	62		15	120
			4-Nitrophenol-d4	40	23.96	60		10	150
			Fluorene-d10	40	25.19	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.19	60		10	130
			Anthracene-d10	40	23.95	60		10	150
			Pyrene-d10	40	22.18	55		10	130
			Benzo(a)pyrene-d12	40	16.32	41		10	140
P3010-18	A4BB3	BG061929.D	1,4-Dioxane-d8	8	2.41	30		15	120
			Pyridine-d5	40	13.85	35		20	120
			Phenol-d5	40	20.85	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.87	47		10	150
			2-Chlorophenol-d4	40	21.14	53		15	120
			4-Methylphenol-d8	40	22.78	57		10	140
			Nitrobenzene-d5	40	22.17	55		10	135
			2-Nitrophenol-d4	40	23.59	59		10	120
			2,4-Dichlorophenol-d3	40	23.97	60		10	140
			4-Chloroaniline-d4	40	21.75	54		1	145
			Dimethylphthalate-d6	40	23.66	59		10	145
			Acenaphthylene-d8	40	25.13	63		15	120
			4-Nitrophenol-d4	40	23.67	59		10	150

Surrogate Summary

SW-846

SDG No.: BG070524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3010-18	A4BB3	BG061929.D	Fluorene-d10	40	25.20	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.86	55		10	130
			Anthracene-d10	40	24.00	60		10	150
			Pyrene-d10	40	25.65	64		10	130
			Benzo(a)pyrene-d12	40	25.88	65		10	140
P3010-19	A4BB4	BG061928.D	1,4-Dioxane-d8	8	3.01	38		15	120
			Pyridine-d5	40	14.62	37		20	120
			Phenol-d5	40	21.12	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.38	48		10	150
			2-Chlorophenol-d4	40	21.85	55		15	120
			4-Methylphenol-d8	40	22.58	56		10	140
			Nitrobenzene-d5	40	24.56	61		10	135
			2-Nitrophenol-d4	40	25.09	63		10	120
			2,4-Dichlorophenol-d3	40	25.11	63		10	140
			4-Chloroaniline-d4	40	21.63	54		1	145
			Dimethylphthalate-d6	40	24.31	61		10	145
			Acenaphthylene-d8	40	25.44	64		15	120
			4-Nitrophenol-d4	40	23.88	60		10	150
			Fluorene-d10	40	26.17	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.46	56		10	130
			Anthracene-d10	40	25.92	65		10	150
			Pyrene-d10	40	25.66	64		10	130
			Benzo(a)pyrene-d12	40	26.43	66		10	140
			1,4-Dioxane-d8	8	4.07	51		15	120
			Pyridine-d5	40	13.83	35		20	120
			Phenol-d5	40	20.60	52		10	130
P3010-20	A4BB5	BG061927.D	Bis(2-Chloroethyl)ether-d8	40	19.57	49		10	150
			2-Chlorophenol-d4	40	22.21	56		15	120
			4-Methylphenol-d8	40	23.46	59		10	140
			Nitrobenzene-d5	40	23.05	58		10	135
			2-Nitrophenol-d4	40	24.54	61		10	120
			2,4-Dichlorophenol-d3	40	24.17	60		10	140
			4-Chloroaniline-d4	40	22.17	55		1	145
			Dimethylphthalate-d6	40	24.49	61		10	145
			Acenaphthylene-d8	40	24.63	62		15	120
			4-Nitrophenol-d4	40	22.49	56		10	150
			Fluorene-d10	40	25.70	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.39	56		10	130
			Anthracene-d10	40	25.33	63		10	150
			Pyrene-d10	40	26.13	65		10	130
			Benzo(a)pyrene-d12	40	27.12	68		10	140
			1,4-Dioxane-d8	8	3.20	40		15	120
			Pyridine-d5	40	16.28	41		20	120
			Phenol-d5	40	21.51	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.90	50		10	150
			2-Chlorophenol-d4	40	22.11	55		15	120
P3010-22	A4CG4	BG061932.D	4-Methylphenol-d8	40	22.50	56		10	140
			Nitrobenzene-d5	40	25.26	63		10	135
			2-Nitrophenol-d4	40	25.63	64		10	120

Surrogate Summary

SW-846

SDG No.: BG070524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3010-22	A4CG4	BG061932.D	2,4-Dichlorophenol-d3	40	24.93	62		10	140
			4-Chloroaniline-d4	40	20.21	51		1	145
			Dimethylphthalate-d6	40	24.80	62		10	145
			Acenaphthylene-d8	40	25.37	63		15	120
			4-Nitrophenol-d4	40	24.82	62		10	150
			Fluorene-d10	40	25.59	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.79	59		10	130
			Anthracene-d10	40	26.00	65		10	150
			Pyrene-d10	40	26.45	66		10	130
			Benzo(a)pyrene-d12	40	27.61	69		10	140
P3010-26	A4DJ2	BG061896.D	1,4-Dioxane-d8	8	3.85	48		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	25.66	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.20	60		10	150
			2-Chlorophenol-d4	40	26.92	67		15	120
			4-Methylphenol-d8	40	25.47	64		10	140
			Nitrobenzene-d5	40	32.36	81		10	135
			2-Nitrophenol-d4	40	30.81	77		10	120
			2,4-Dichlorophenol-d3	40	36.14	90		10	140
			4-Chloroaniline-d4	40	19.08	48		1	145
			Dimethylphthalate-d6	40	33.15	83		10	145
			Acenaphthylene-d8	40	32.85	82		15	120
			4-Nitrophenol-d4	40	32.30	81		10	150
			Fluorene-d10	40	34.72	87		20	140
			4,6-Dinitro-2-methylphenol-d2	40	34.56	86		10	130
			Anthracene-d10	40	36.27	91		10	150
			Pyrene-d10	40	36.68	92		10	130
			Benzo(a)pyrene-d12	40	37.61	94		10	140
P3010-26DL	A4DJ2DL	BG061897.D	1,4-Dioxane-d8	8	3.07	38		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	26.28	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.46	66		10	150
			2-Chlorophenol-d4	40	28.36	71		15	120
			4-Methylphenol-d8	40	28.65	72		10	140
			Nitrobenzene-d5	40	30.46	76		10	135
			2-Nitrophenol-d4	40	27.24	68		10	120
			2,4-Dichlorophenol-d3	40	38.42	96		10	140
			4-Chloroaniline-d4	40	20.80	52		1	145
			Dimethylphthalate-d6	40	33.75	84		10	145
			Acenaphthylene-d8	40	32.72	82		15	120
			4-Nitrophenol-d4	40	34.20	86		10	150
			Fluorene-d10	40	37.04	93		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.99	72		10	130
			Anthracene-d10	40	37.05	93		10	150
			Pyrene-d10	40	36.95	92		10	130
			Benzo(a)pyrene-d12	40	38.47	96		10	140
PB161717BL	PB161717BL	BG061918.D	1,4-Dioxane-d8	8	4.79	60		15	120
			Pyridine-d5	40	21.94	55		20	120
			Phenol-d5	40	25.49	64		10	130



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

Surrogate Summary

SW-846

SDG No.: BG070524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161717BL	PB161717BL	BG061918.D	Bis(2-Chloroethyl)ether-d8	40	23.75	59		10	150
			2-Chlorophenol-d4	40	27.33	68		15	120
			4-Methylphenol-d8	40	26.62	67		10	140
			Nitrobenzene-d5	40	27.46	69		10	135
			2-Nitrophenol-d4	40	28.66	72		10	120
			2,4-Dichlorophenol-d3	40	27.13	68		10	140
			4-Chloroaniline-d4	40	27.23	68		1	145
			Dimethylphthalate-d6	40	27.06	68		10	145
			Acenaphthylene-d8	40	27.64	69		15	120
			4-Nitrophenol-d4	40	26.32	66		10	150
			Fluorene-d10	40	27.48	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.47	66		10	130
			Anthracene-d10	40	28.03	70		10	150
			Pyrene-d10	40	27.77	69		10	130
			Benzo(a)pyrene-d12	40	28.96	72		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG070524

Lab Code: CHEM

SAS No.: BG070524

SDG NO.: BG070524

Lab File ID: BG061893.D

DFTPP Injection Date: 07/05/2024

Instrument ID: BNA_G

DFTPP Injection Time: 10:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	56.1
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	42.1
70	Less than 2.0% of mass 69	0.3 (0.8) 1
127	10.0 - 80.0% of mass 198	47.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	28.7
365	Greater than 1% of mass 198	5.5
441	Present, but less than mass 443	15.8
442	Greater than 50% of mass 198	93.4
443	15.0 - 24.0% of mass 442	18.3 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020555	SSTDCCC020	BG061894.D	07/05/2024	10:54
SBLK678	PB161678BL	BG061895.D	07/05/2024	11:34
A4DJ2	P3010-26	BG061896.D	07/05/2024	12:15
A4DJ2DL	P3010-26DL	BG061897.D	07/05/2024	13:07
A4BC8	P2982-24	BG061898.D	07/05/2024	14:37
A4DJ1	P2982-15	BG061899.D	07/05/2024	16:32
A4DJ1DL	P2982-15DL	BG061900.D	07/05/2024	17:43
SSTD020556	SSTDCCC020	BG061901.D	07/05/2024	18:26
SBLK678	PB161678BL	BG061902.D	07/05/2024	19:07
A4BC5	P2982-22	BG061903.D	07/05/2024	19:48
A4BC7	P2982-23	BG061904.D	07/05/2024	20:28
A4CT9	P2982-26	BG061905.D	07/05/2024	21:09
A4BC4	P2982-21	BG061906.D	07/05/2024	21:50
A4CF6	P2982-10	BG061907.D	07/05/2024	22:30
A4CF7	P2982-11	BG061908.D	07/05/2024	23:11
A4BC1	P2982-19	BG061909.D	07/05/2024	23:52
A4CG0	P2982-13	BG061910.D	07/06/2024	00:33
A4CT8	P2982-25	BG061911.D	07/06/2024	01:14

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG070524

Lab Code: CHEM

SAS No.: BG070524

SDG NO.: BG070524

Lab File ID: BG061893.D

DFTPP Injection Date: 07/05/2024

Instrument ID: BNA_G

DFTPP Injection Time: 10:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	56.1
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	42.1
70	Less than 2.0% of mass 69	0.3 (0.8) 1
127	10.0 - 80.0% of mass 198	47.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	28.7
365	Greater than 1% of mass 198	5.5
441	Present, but less than mass 443	15.8
442	Greater than 50% of mass 198	93.4
443	15.0 - 24.0% of mass 442	18.3 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
A4CF5	P2982-09	BG061912.D	07/06/2024	01:55
A4BB9	P2982-18	BG061913.D	07/06/2024	02:36
A4CF9	P2982-12	BG061914.D	07/06/2024	03:17
A4BC7	P2982-23	BG061915.D	07/06/2024	03:58
SLCS678	PB161678BS	BG061916.D	07/06/2024	04:38
SSTD020557	SSTDCCC020	BG061917.D	07/06/2024	05:59
SBLK717	PB161717BL	BG061918.D	07/06/2024	06:39
A4CF4	P2982-08	BG061919.D	07/06/2024	07:20
A4BB8	P2982-17	BG061920.D	07/06/2024	08:00
A4CF2	P2982-07	BG061921.D	07/06/2024	08:40
A4BC2	P2982-20	BG061922.D	07/06/2024	09:21
A4CF0	P2982-06	BG061923.D	07/06/2024	10:01
A4CT2	P2982-01	BG061924.D	07/06/2024	10:41
A4CT2MS	P2982-02MS	BG061925.D	07/06/2024	11:22
A4CT2MSD	P2982-03MSD	BG061926.D	07/06/2024	12:02
A4BB5	P3010-20	BG061927.D	07/06/2024	12:42
A4BB4	P3010-19	BG061928.D	07/06/2024	13:23
A4BB3	P3010-18	BG061929.D	07/06/2024	14:03

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG070524

Lab Code: CHEM

SAS No.: BG070524

SDG NO.: BG070524

Lab File ID: BG061893.D

DFTPP Injection Date: 07/05/2024

Instrument ID: BNA_G

DFTPP Injection Time: 10:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	56.1
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	42.1
70	Less than 2.0% of mass 69	0.3 (0.8) 1
127	10.0 - 80.0% of mass 198	47.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	28.7
365	Greater than 1% of mass 198	5.5
441	Present, but less than mass 443	15.8
442	Greater than 50% of mass 198	93.4
443	15.0 - 24.0% of mass 442	18.3 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
A4B69	P3010-16	BG061930.D	07/06/2024	14:44
A4B67	P3010-14	BG061931.D	07/06/2024	15:24
A4CG4	P3010-22	BG061932.D	07/06/2024	16:05
SSTD020558	SSTDCCC020EC	BG061933.D	07/06/2024	17:26