

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP070124 SAS No.: BP070124 SDG No.: BP070124

Instrument ID: BNA_P Calibration Date/Time: 7/1/2024 12:10:07

Lab File ID: BP020712.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020665 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.521	0.426	0.010	-18.3087	40.0
Benzaldehyde	0.830	0.947	0.010	14.1613	40.0
Pyridine	1.406	1.221	0.010	-13.1398	40.0
Phenol	1.673	1.529	0.080	-8.6148	20.0
Bis(2-Chloroethyl) ether	1.385	1.276	0.100	-7.8602	20.0
2-Chlorophenol	1.348	1.261	0.200	-6.4263	20.0
2-Methylphenol	1.283	1.215	0.010	-5.3517	20.0
2,2-oxybis(1-Chloropropane)	2.105	1.837	0.010	-12.7116	40.0
Acetophenone	2.128	2.012	0.060	-5.4119	20.0
4-Methylphenol	1.359	1.322	0.010	-2.6613	20.0
N-Nitroso-di-n-propylamine	1.131	1.016	0.050	-10.1574	30.0
Hexachloroethane	0.585	0.545	0.100	-6.8331	20.0
Nitrobenzene	0.383	0.361	0.050	-5.7242	25.0
Isophorone	0.758	0.688	0.050	-9.2837	25.0
2-Nitrophenol	0.160	0.178	0.050	11.2878	25.0
2,4-Dimethylphenol	0.372	0.348	0.050	-6.4015	25.0
Bis(2-Chloroethoxy) methane	0.451	0.420	0.050	-6.8358	20.0
2,4-Dichlorophenol	0.301	0.308	0.060	2.2514	20.0
Naphthalene	1.070	1.007	0.200	-5.9599	20.0
4-Chloroaniline	0.411	0.401	0.010	-2.2416	40.0
Hexachlorobutadiene	0.225	0.218	0.040	-3.0109	30.0
Caprolactam	0.092	0.098	0.010	6.8505	40.0
4-Chloro-3-methylphenol	0.333	0.338	0.040	1.6752	25.0
1-Methylnaphthalene	0.733	0.726	0.100	-0.9269	20.0
2-Methylnaphthalene	0.717	0.710	0.100	-0.9652	20.0
Hexachlorocyclopentadiene	0.398	0.372	0.010	-6.6458	40.0
2,4,6-Trichlorophenol	0.381	0.390	0.090	2.2751	25.0
2,4,5-Trichlorophenol	0.396	0.420	0.100	6.158	25.0
1,1-Biphenyl	1.496	1.369	0.200	-8.4478	20.0
2-Chloronaphthalene	1.178	1.099	0.300	-6.7079	20.0
2-Nitroaniline	0.297	0.312	0.050	5.2855	40.0
Dimethylphthalate	1.417	1.414	0.300	-0.1476	20.0
2,6-Dinitrotoluene	0.253	0.288	0.080	13.9704	30.0
Acenaphthylene	1.874	1.776	0.400	-5.2706	20.0
3-Nitroaniline	0.235	0.276	0.010	17.5897	40.0
Acenaphthene	1.243	1.161	0.200	-6.6154	20.0
2,4-Dinitrophenol	0.131	0.164	0.010	25.3154	40.0
4-Nitrophenol	0.190	0.185	0.010	-2.7513	40.0
Dibenzofuran	1.675	1.640	0.300	-2.1206	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP070124 SAS No.: BP070124 SDG No.: BP070124

Instrument ID: BNA_P Calibration Date/Time: 7/1/2024 12:10:07

Lab File ID: BP020712.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020665 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.349	0.409	0.070	17.2231	30.0
Diethylphthalate	1.397	1.389	0.300	-0.5867	20.0
Fluorene	1.346	1.338	0.200	-0.616	20.0
4-Chlorophenyl-phenylether	0.702	0.703	0.100	0.0759	20.0
4-Nitroaniline	0.223	0.269	0.010	20.6161	40.0
4,6-Dinitro-2-methylphenol	0.108	0.112	0.010	3.3725	40.0
N-Nitrosodiphenylamine	0.590	0.547	0.050	-7.1782	20.0
1,2,4,5-Tetrachlorobenzene	0.639	0.619	0.100	-3.1739	20.0
4-Bromophenyl-phenylether	0.223	0.215	0.070	-3.4421	20.0
Hexachlorobenzene	0.250	0.249	0.050	-0.2651	25.0
Atrazine	0.208	0.210	0.010	1.0243	25.0
Pentachlorophenol	0.144	0.142	0.010	-1.482	40.0
Phenanthrene	1.047	0.980	0.200	-6.3935	20.0
Pentachlorobenzene	0.309	0.293	0.050	-5.2852	20.0
Anthracene	1.077	1.022	0.200	-5.113	20.0
1,2,3,4-Tetrachlorobenzene	0.325	0.297	0.050	-8.5476	20.0
Carbazole	0.889	0.860	0.050	-3.2713	40.0
Di-n-butylphthalate	1.155	1.144	0.500	-0.9503	25.0
Fluoranthene	1.468	1.466	0.400	-0.1436	25.0
Pyrene	1.505	1.470	0.400	-2.3683	25.0
Butylbenzylphthalate	0.559	0.616	0.100	10.2226	40.0
3,3-Dichlorobenzidine	0.442	0.433	0.010	-2.1729	40.0
Benzo (a) anthracene	1.402	1.337	0.300	-4.6386	30.0
Chrysene	1.325	1.218	0.200	-8.0734	30.0
Bis(2-ethylhexyl)phthalate	0.868	0.895	0.200	3.1374	40.0
Di-n-octyl phthalate	1.284	1.195	0.010	-6.9479	40.0
Benzo (b) fluoranthene	1.212	1.159	0.200	-4.3172	25.0
Benzo (k) fluoranthene	1.226	1.133	0.200	-7.5546	25.0
Benzo (a) pyrene	1.144	1.072	0.200	-6.2958	20.0
Indeno (1,2,3-cd) pyrene	1.467	1.318	0.200	-10.15	25.0
Dibenzo (a,h) anthracene	1.206	1.088	0.200	-9.769	30.0
Benzo (g,h,i) perylene	1.198	1.061	0.200	-11.3886	30.0
2,3,4,6-Tetrachlorophenol	0.327	0.362	0.040	10.9116	20.0
1,4-Dioxane-d8	0.466	0.392	0.010	-15.7874	25.0
Pyridine-d5	1.357	1.179	0.010	-13.1179	40.0
Phenol-d5	1.640	1.518	0.010	-7.4808	25.0
Bis- (2-Chloroethyl) ether-d8	1.040	0.942	0.050	-9.4343	25.0
2-Chlorophenol-d4	1.341	1.289	0.200	-3.825	20.0
4-Methylphenol-d8	1.332	1.287	0.010	-3.3923	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP070124 SAS No.: BP070124 SDG No.: BP070124
 Instrument ID: BNA_P Calibration Date/Time: 7/1/2024 12:10:07
 Lab File ID: BP020712.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020665 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.148	0.152	0.050	3.1084	20.0
2-Nitrophenol-d4	0.148	0.169	0.050	14.2675	30.0
2,4-Dichlorophenol-d3	0.304	0.316	0.060	3.8974	20.0
4-Chloroaniline-d4	0.427	0.424	0.010	-0.5714	40.0
Dimethylphthalate-d6	1.391	1.384	0.300	-0.4562	20.0
Acenaphthylene-d8	1.659	1.580	0.400	-4.8093	20.0
4-Nitrophenol-d4	0.212	0.225	0.010	5.6723	40.0
Fluorene-d10	1.170	1.170	0.100	-0.0149	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.101	0.010	-0.2054	40.0
Anthracene-d10	0.898	0.861	0.300	-4.0642	20.0
Pyrene-d10	1.202	1.206	0.300	0.374	25.0
Benzo(a)pyrene-d12	0.973	0.936	0.010	-3.7997	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.: BP070124 SAS No.: BP070124 SDG No.: BP070124

Instrument ID: BNA_P Calibration Date/Time: 7/1/2024 12:16:53

Lab File ID: BP020721.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020666 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.521	0.417	0.010	-20.061	40.0
Benzaldehyde	0.830	0.938	0.010	13.0222	40.0
Pyridine	1.406	1.214	0.010	-13.6862	40.0
Phenol	1.673	1.545	0.080	-7.6317	20.0
Bis(2-Chloroethyl) ether	1.385	1.247	0.100	-9.9317	20.0
2-Chlorophenol	1.348	1.267	0.200	-5.9584	20.0
2-Methylphenol	1.283	1.201	0.010	-6.4275	20.0
2,2-oxybis(1-Chloropropane)	2.105	1.777	0.010	-15.5695	40.0
Acetophenone	2.128	1.953	0.060	-8.1991	20.0
4-Methylphenol	1.359	1.298	0.010	-4.4437	20.0
N-Nitroso-di-n-propylamine	1.131	0.982	0.050	-13.1281	30.0
Hexachloroethane	0.585	0.528	0.100	-9.7283	20.0
Nitrobenzene	0.383	0.361	0.050	-5.7937	25.0
Isophorone	0.758	0.673	0.050	-11.3126	25.0
2-Nitrophenol	0.160	0.181	0.050	13.1675	25.0
2,4-Dimethylphenol	0.372	0.349	0.050	-6.1042	25.0
Bis(2-Chloroethoxy) methane	0.451	0.417	0.050	-7.6355	20.0
2,4-Dichlorophenol	0.301	0.307	0.060	1.7411	20.0
Naphthalene	1.070	1.004	0.200	-6.1889	20.0
4-Chloroaniline	0.411	0.396	0.010	-3.4655	40.0
Hexachlorobutadiene	0.225	0.219	0.040	-2.5599	30.0
Caprolactam	0.092	0.095	0.010	3.5991	40.0
4-Chloro-3-methylphenol	0.333	0.329	0.040	-1.1573	25.0
1-Methylnaphthalene	0.733	0.699	0.100	-4.5924	20.0
2-Methylnaphthalene	0.717	0.687	0.100	-4.1815	20.0
Hexachlorocyclopentadiene	0.398	0.350	0.010	-12.1422	40.0
2,4,6-Trichlorophenol	0.381	0.400	0.090	4.9686	25.0
2,4,5-Trichlorophenol	0.396	0.429	0.100	8.5132	25.0
1,1-Biphenyl	1.496	1.401	0.200	-6.3587	20.0
2-Chloronaphthalene	1.178	1.131	0.300	-4.0187	20.0
2-Nitroaniline	0.297	0.321	0.050	8.2295	40.0
Dimethylphthalate	1.417	1.417	0.300	0.0004	20.0
2,6-Dinitrotoluene	0.253	0.286	0.080	13.2222	30.0
Acenaphthylene	1.874	1.793	0.400	-4.3296	20.0
3-Nitroaniline	0.235	0.272	0.010	15.7103	40.0
Acenaphthene	1.243	1.171	0.200	-5.8412	20.0
2,4-Dinitrophenol	0.131	0.156	0.010	19.0164	40.0
4-Nitrophenol	0.190	0.176	0.010	-7.4467	40.0
Dibenzofuran	1.675	1.615	0.300	-3.5773	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP070124 SAS No.: BP070124 SDG No.: BP070124

Instrument ID: BNA_P Calibration Date/Time: 7/1/2024 12:16:53

Lab File ID: BP020721.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020666 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.349	0.398	0.070	14.1911	30.0
Diethylphthalate	1.397	1.392	0.300	-0.3893	20.0
Fluorene	1.346	1.312	0.200	-2.5686	20.0
4-Chlorophenyl-phenylether	0.702	0.699	0.100	-0.5534	20.0
4-Nitroaniline	0.223	0.257	0.010	15.5518	40.0
4,6-Dinitro-2-methylphenol	0.108	0.108	0.010	0.3323	40.0
N-Nitrosodiphenylamine	0.590	0.573	0.050	-2.7936	20.0
1,2,4,5-Tetrachlorobenzene	0.639	0.637	0.100	-0.3612	20.0
4-Bromophenyl-phenylether	0.223	0.227	0.070	1.6163	20.0
Hexachlorobenzene	0.250	0.251	0.050	0.388	25.0
Atrazine	0.208	0.217	0.010	4.3264	25.0
Pentachlorophenol	0.144	0.144	0.010	-0.1093	40.0
Phenanthrene	1.047	0.985	0.200	-5.928	20.0
Pentachlorobenzene	0.309	0.311	0.050	0.5913	20.0
Anthracene	1.077	1.010	0.200	-6.2652	20.0
1,2,3,4-Tetrachlorobenzene	0.325	0.319	0.050	-1.5895	20.0
Carbazole	0.889	0.845	0.050	-4.9514	40.0
Di-n-butylphthalate	1.155	1.169	0.500	1.2437	25.0
Fluoranthene	1.468	1.422	0.400	-3.1112	25.0
Pyrene	1.505	1.452	0.400	-3.5166	25.0
Butylbenzylphthalate	0.559	0.610	0.100	9.0635	40.0
3,3-Dichlorobenzidine	0.442	0.420	0.010	-5.0523	40.0
Benzo (a) anthracene	1.402	1.324	0.300	-5.5462	30.0
Chrysene	1.325	1.239	0.200	-6.5091	30.0
Bis(2-ethylhexyl)phthalate	0.868	0.893	0.200	2.8897	40.0
Di-n-octyl phthalate	1.284	1.183	0.010	-7.8922	40.0
Benzo (b) fluoranthene	1.212	1.118	0.200	-7.6959	25.0
Benzo (k) fluoranthene	1.226	1.116	0.200	-8.9458	25.0
Benzo (a) pyrene	1.144	1.083	0.200	-5.2987	20.0
Indeno (1,2,3-cd) pyrene	1.467	1.336	0.200	-8.94	25.0
Dibenzo (a,h) anthracene	1.206	1.115	0.200	-7.5162	30.0
Benzo (g,h,i) perylene	1.198	1.098	0.200	-8.3557	30.0
2,3,4,6-Tetrachlorophenol	0.327	0.355	0.040	8.7584	20.0
1,4-Dioxane-d8	0.466	0.394	0.010	-15.5046	25.0
Pyridine-d5	1.357	1.176	0.010	-13.3925	40.0
Phenol-d5	1.640	1.530	0.010	-6.7353	25.0
Bis- (2-Chloroethyl) ether-d8	1.040	0.920	0.050	-11.5539	25.0
2-Chlorophenol-d4	1.341	1.279	0.200	-4.6184	20.0
4-Methylphenol-d8	1.332	1.297	0.010	-2.6337	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP070124 SAS No.: BP070124 SDG No.: BP070124
 Instrument ID: BNA_P Calibration Date/Time: 7/1/2024 12:16:53
 Lab File ID: BP020721.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020666 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.148	0.154	0.050	4.1207	20.0
2-Nitrophenol-d4	0.148	0.173	0.050	16.9681	30.0
2,4-Dichlorophenol-d3	0.304	0.316	0.060	3.98	20.0
4-Chloroaniline-d4	0.427	0.422	0.010	-1.0819	40.0
Dimethylphthalate-d6	1.391	1.406	0.300	1.1164	20.0
Acenaphthylene-d8	1.659	1.594	0.400	-3.9124	20.0
4-Nitrophenol-d4	0.212	0.213	0.010	0.3124	40.0
Fluorene-d10	1.170	1.177	0.100	0.5439	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.101	0.010	0.1782	40.0
Anthracene-d10	0.898	0.857	0.300	-4.4719	20.0
Pyrene-d10	1.202	1.191	0.300	-0.9041	25.0
Benzo(a)pyrene-d12	0.973	0.933	0.010	-4.1419	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.: BP070124 SAS No.: BP070124 SDG No.: BP070124

Instrument ID: BNA_P Calibration Date/Time: 7/2/2024 12:04:26

Lab File ID: BP020736.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020667 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.521	0.455	0.010	-12.7404	40.0
Benzaldehyde	0.830	0.905	0.010	9.1489	40.0
Pyridine	1.406	1.237	0.010	-12.0246	40.0
Phenol	1.673	1.506	0.080	-9.9876	20.0
Bis(2-Chloroethyl) ether	1.385	1.250	0.100	-9.7349	20.0
2-Chlorophenol	1.348	1.250	0.200	-7.2261	20.0
2-Methylphenol	1.283	1.160	0.010	-9.5854	20.0
2,2-oxybis(1-Chloropropane)	2.105	1.779	0.010	-15.4848	40.0
Acetophenone	2.128	1.893	0.060	-11.0402	20.0
4-Methylphenol	1.359	1.214	0.010	-10.6551	20.0
N-Nitroso-di-n-propylamine	1.131	0.939	0.050	-16.9789	30.0
Hexachloroethane	0.585	0.517	0.100	-11.6239	20.0
Nitrobenzene	0.383	0.365	0.050	-4.5612	25.0
Isophorone	0.758	0.664	0.050	-12.4865	25.0
2-Nitrophenol	0.160	0.179	0.050	12.0696	25.0
2,4-Dimethylphenol	0.372	0.344	0.050	-7.4877	25.0
Bis(2-Chloroethoxy) methane	0.451	0.415	0.050	-7.914	20.0
2,4-Dichlorophenol	0.301	0.298	0.060	-1.0756	20.0
Naphthalene	1.070	1.005	0.200	-6.1172	20.0
4-Chloroaniline	0.411	0.378	0.010	-8.0265	40.0
Hexachlorobutadiene	0.225	0.227	0.040	0.8449	30.0
Caprolactam	0.092	0.077	0.010	-15.9963	40.0
4-Chloro-3-methylphenol	0.333	0.294	0.040	-11.529	25.0
1-Methylnaphthalene	0.733	0.672	0.100	-8.2802	20.0
2-Methylnaphthalene	0.717	0.654	0.100	-8.789	20.0
Hexachlorocyclopentadiene	0.398	0.418	0.010	4.9629	40.0
2,4,6-Trichlorophenol	0.381	0.394	0.090	3.383	25.0
2,4,5-Trichlorophenol	0.396	0.409	0.100	3.3871	25.0
1,1-Biphenyl	1.496	1.461	0.200	-2.3261	20.0
2-Chloronaphthalene	1.178	1.153	0.300	-2.139	20.0
2-Nitroaniline	0.297	0.297	0.050	0.221	40.0
Dimethylphthalate	1.417	1.384	0.300	-2.2737	20.0
2,6-Dinitrotoluene	0.253	0.264	0.080	4.6678	30.0
Acenaphthylene	1.874	1.790	0.400	-4.4721	20.0
3-Nitroaniline	0.235	0.252	0.010	7.1862	40.0
Acenaphthene	1.243	1.171	0.200	-5.8342	20.0
2,4-Dinitrophenol	0.131	0.143	0.010	9.0131	40.0
4-Nitrophenol	0.190	0.162	0.010	-14.8121	40.0
Dibenzofuran	1.675	1.583	0.300	-5.4934	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP070124 SAS No.: BP070124 SDG No.: BP070124

Instrument ID: BNA_P Calibration Date/Time: 7/2/2024 12:04:26

Lab File ID: BP020736.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020667 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.349	0.362	0.070	3.9234	30.0
Diethylphthalate	1.397	1.348	0.300	-3.5367	20.0
Fluorene	1.346	1.244	0.200	-7.6023	20.0
4-Chlorophenyl-phenylether	0.702	0.675	0.100	-3.8429	20.0
4-Nitroaniline	0.223	0.236	0.010	5.8866	40.0
4,6-Dinitro-2-methylphenol	0.108	0.108	0.010	0.4288	40.0
N-Nitrosodiphenylamine	0.590	0.571	0.050	-3.2121	20.0
1,2,4,5-Tetrachlorobenzene	0.639	0.662	0.100	3.5876	20.0
4-Bromophenyl-phenylether	0.223	0.229	0.070	2.6319	20.0
Hexachlorobenzene	0.250	0.253	0.050	1.3635	25.0
Atrazine	0.208	0.208	0.010	0.1579	25.0
Pentachlorophenol	0.144	0.146	0.010	1.761	40.0
Phenanthrene	1.047	0.993	0.200	-5.2324	20.0
Pentachlorobenzene	0.309	0.331	0.050	6.8771	20.0
Anthracene	1.077	1.024	0.200	-4.9664	20.0
1,2,3,4-Tetrachlorobenzene	0.325	0.349	0.050	7.5052	20.0
Carbazole	0.889	0.868	0.050	-2.4258	40.0
Di-n-butylphthalate	1.155	1.135	0.500	-1.7216	25.0
Fluoranthene	1.468	1.194	0.400	-18.6721	25.0
Pyrene	1.505	1.249	0.400	-17.0482	25.0
Butylbenzylphthalate	0.559	0.507	0.100	-9.2563	40.0
3,3-Dichlorobenzidine	0.442	0.437	0.010	-1.1888	40.0
Benzo (a) anthracene	1.402	1.311	0.300	-6.4699	30.0
Chrysene	1.325	1.243	0.200	-6.1963	30.0
Bis(2-ethylhexyl)phthalate	0.868	0.743	0.200	-14.3753	40.0
Di-n-octyl phthalate	1.284	1.112	0.010	-13.4141	40.0
Benzo (b) fluoranthene	1.212	1.155	0.200	-4.6746	25.0
Benzo (k) fluoranthene	1.226	1.150	0.200	-6.1924	25.0
Benzo (a) pyrene	1.144	1.103	0.200	-3.5686	20.0
Indeno (1,2,3-cd) pyrene	1.467	1.363	0.200	-7.0652	25.0
Dibenzo (a,h) anthracene	1.206	1.137	0.200	-5.7273	30.0
Benzo (g,h,i) perylene	1.198	1.099	0.200	-8.2423	30.0
2,3,4,6-Tetrachlorophenol	0.327	0.334	0.040	2.1404	20.0
1,4-Dioxane-d8	0.466	0.401	0.010	-13.8995	25.0
Pyridine-d5	1.357	1.178	0.010	-13.2311	40.0
Phenol-d5	1.640	1.482	0.010	-9.651	25.0
Bis- (2-Chloroethyl) ether-d8	1.040	0.914	0.050	-12.094	25.0
2-Chlorophenol-d4	1.341	1.254	0.200	-6.4705	20.0
4-Methylphenol-d8	1.332	1.214	0.010	-8.8964	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP070124 SAS No.: BP070124 SDG No.: BP070124
 Instrument ID: BNA_P Calibration Date/Time: 7/2/2024 12:04:26
 Lab File ID: BP020736.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020667 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.148	0.153	0.050	3.5681	20.0
2-Nitrophenol-d4	0.148	0.170	0.050	14.8754	30.0
2,4-Dichlorophenol-d3	0.304	0.305	0.060	0.1584	20.0
4-Chloroaniline-d4	0.427	0.396	0.010	-7.2757	40.0
Dimethylphthalate-d6	1.391	1.385	0.300	-0.4213	20.0
Acenaphthylene-d8	1.659	1.593	0.400	-4.0014	20.0
4-Nitrophenol-d4	0.212	0.198	0.010	-6.978	40.0
Fluorene-d10	1.170	1.094	0.100	-6.5227	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.103	0.010	1.7556	40.0
Anthracene-d10	0.898	0.870	0.300	-3.0581	20.0
Pyrene-d10	1.202	1.027	0.300	-14.5431	25.0
Benzo(a)pyrene-d12	0.973	0.950	0.010	-2.3529	20.0

All other compounds must meet a minimum RRF of 0.010.

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:	SBLK602	SDG No.:	BP070124
Lab Sample ID:	PB161602BL	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
BP020713.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	330	ug/Kg
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
108-95-2	Phenol	43	U	43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82.5	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	31	U	31	42.5	170	ug/Kg
78-59-1	Isophorone	48	U	48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	16	U	16	42.5	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.5	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	23	U	23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	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:	SBLK602	SDG No.:	BP070124
Lab Sample ID:	PB161602BL	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
BP020713.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	32	U	32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.5	330	ug/Kg
83-32-9	Acenaphthene	29	U	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.5	170	ug/Kg
86-73-7	Fluorene	25	U	25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.5	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	74	U	74	82.5	330	ug/Kg
85-01-8	Phenanthrene	29	U	29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	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	50	U	50	42.5	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	42.5	170	ug/Kg
206-44-0	Fluoranthene	54	U	54	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:	SBLK602	SDG No.:	BP070124
Lab Sample ID:	PB161602BL	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
BP020713.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	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	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.557		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	28.198		20-120		70	SPK: -40
4165-62-2	Phenol-d5	29.731		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.787		10-150		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.759		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	30.82		10-140		77	SPK: -40
4165-60-0	Nitrobenzene-d5	32.682		10-135		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.49		10-120		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.936		10-140		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.104		1-145		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.178		10-145		83	SPK: -40
93951-97-4	Acenaphthylene-d8	30.771		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.38		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	32.433		20-140		81	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:	SBLK602	SDG No.:	BP070124
Lab Sample ID:	PB161602BL	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
BP020713.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.969		10-130		67	SPK: -40
1719-06-8	Anthracene-d10	32.061		10-150		80	SPK: -40
1718-52-1	Pyrene-d10	34.632		10-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.462		10-140		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	204287	7.722				
1146-65-2	Naphthalene-d8	893883	10.499				
15067-26-2	Acenaphthene-d10	614693	14.369				
1517-22-2	Phenanthrene-d10	1231273	17.192				
1719-03-5	Chrysene-d12	838199	21.651				
1520-96-3	Perylene-d12	918828	25.021				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C52	SDG No.:	BP070124
Lab Sample ID:	P2871-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020714.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.3	73	ug/Kg
100-52-7	Benzaldehyde	50	U	50	90.8	360	ug/Kg
110-86-1	Pyridine	36	U	36	180	360	ug/Kg
108-95-2	Phenol	47	U	47	90.8	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	90.8	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	46.8	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	90.8	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66	U	66	90.8	360	ug/Kg
98-86-2	Acetophenone	44	U	44	90.8	360	ug/Kg
106-44-5	4-Methylphenol	41	U	41	90.8	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	56	U	56	46.8	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	46.8	190	ug/Kg
98-95-3	Nitrobenzene	34	U	34	46.8	190	ug/Kg
78-59-1	Isophorone	53	U	53	46.8	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	46.8	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	46.8	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	46.8	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	46.8	190	ug/Kg
91-20-3	Naphthalene	28	U	28	46.8	190	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	46.8	360	ug/Kg
87-68-3	Hexachlorobutadiene	48	U	48	46.8	190	ug/Kg
105-60-2	Caprolactam	79	U	79	90.8	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	46.8	190	ug/Kg
90-12-0	1-Methylnaphthalene	36	U	36	46.8	190	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	46.8	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	90.8	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	46.8	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	46.8	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C52	SDG No.:	BP070124
Lab Sample ID:	P2871-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020714.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	46.8	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	46.8	190	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	46.8	190	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	46.8	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	48	U	48	46.8	190	ug/Kg
208-96-8	Acenaphthylene	35	U	35	46.8	190	ug/Kg
99-09-2	3-Nitroaniline	48	U	48	90.8	360	ug/Kg
83-32-9	Acenaphthene	32	U	32	46.8	190	ug/Kg
51-28-5	2,4-Dinitrophenol	53	U	53	90.8	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	90.8	360	ug/Kg
132-64-9	Dibenzofuran	35	U	35	46.8	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	46.8	190	ug/Kg
84-66-2	Diethylphthalate	33	U	33	46.8	190	ug/Kg
86-73-7	Fluorene	28	U	28	46.8	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.8	190	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	90.8	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	85	U	85	90.8	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	36	U	36	46.8	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	46.8	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	46.8	190	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	46.8	190	ug/Kg
1912-24-9	Atrazine	78	U	78	90.8	360	ug/Kg
87-86-5	Pentachlorophenol	81	U	81	90.8	360	ug/Kg
85-01-8	Phenanthrene	57	J	32	46.8	190	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	46.8	190	ug/Kg
120-12-7	Anthracene	28	U	28	46.8	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	55	U	55	46.8	190	ug/Kg
86-74-8	Carbazole	31	U	31	90.8	360	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	46.8	190	ug/Kg
206-44-0	Fluoranthene	94	J	59	90.8	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C52	SDG No.:	BP070124
Lab Sample ID:	P2871-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020714.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	73	J	54	46.8	190	ug/Kg
85-68-7	Butylbenzylphthalate	92	U	92	46.8	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	53	U	53	90.8	360	ug/Kg
56-55-3	Benzo(a)anthracene	47	J	30	46.8	190	ug/Kg
218-01-9	Chrysene	52	J	34	46.8	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	46.8	190	ug/Kg
117-84-0	Di-n-octyl phthalate	84	U	84	90.8	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	63	J	36	46.8	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	46.8	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	46.8	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	46.8	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	46.8	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	46.8	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	46.8	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.675		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	2.77	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	22.399		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.258		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.359		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	21.503		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	26.165		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.928		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.601		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.584		1-145		11	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.855		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	24.564		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.866		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	25.39		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C52	SDG No.:	BP070124
Lab Sample ID:	P2871-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020714.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.376		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	24.417		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	22.335		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.357		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	228813	7.705				
1146-65-2	Naphthalene-d8	920497	10.493				
15067-26-2	Acenaphthene-d10	573638	14.363				
1517-22-2	Phenanthrene-d10	1057896	17.187				
1719-03-5	Chrysene-d12	848986	21.651				
1520-96-3	Perylene-d12	1018270	25.021				
TENTATIVE IDENTIFIED COMPOUNDS							
001569-50-2	3-Penten-2-ol	74	J			3.04	
	unknown-01	150	J			4.864	
000770-35-4	1-Phenoxypropan-2-ol	160	J			11.228	
000057-10-3	n-Hexadecanoic acid	530	J			18.14	
000057-11-4	Octadecanoic acid	500	J			19.469	
	(DEL) Alkane: Straight-Chain21.322	650	J			21.322	
000661-19-8	Behenic alcohol	1100	J			22.586	
072934-04-4	Nonacosanal	270	J			23.657	
	(DEL) Alkane: Straight-Chain24.151	1000	J			24.151	
015594-90-8	1-Heneicosanol	500	J			24.227	
007390-81-0	Oxirane, hexadecyl-	970	J			25.733	
	(DEL) Alkane: Straight-Chain26.392	1200	J			26.392	
1000351-78-2	Heptacosyl acetate	780	J			26.545	
057878-00-9	Dotriacontanal	640	J			28.698	
000083-47-6	.gamma.-Sitosterol	150	J			30.633	
E966796	Total Alkanes	2900				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	C0T61DL	SDG No.:	BP070124
Lab Sample ID:	P2897-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020715.D	10	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3000	U	3000	2200	22000	ug/Kg
100-52-7	Benzaldehyde	16000	U	16000	27700	110000	ug/Kg
110-86-1	Pyridine	19000	U	19000	55400	110000	ug/Kg
108-95-2	Phenol	13000	U	13000	27700	110000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	12000	U	12000	27700	110000	ug/Kg
95-57-8	2-Chlorophenol	8700	U	8700	14300	56000	ug/Kg
95-48-7	2-Methylphenol	9700	U	9700	27700	110000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	22000	U	22000	27700	110000	ug/Kg
98-86-2	Acetophenone	11000	U	11000	27700	110000	ug/Kg
106-44-5	4-Methylphenol	9500	U	9500	27700	110000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	19000	U	19000	14300	56000	ug/Kg
67-72-1	Hexachloroethane	5400	U	5400	14300	56000	ug/Kg
98-95-3	Nitrobenzene	11000	U	11000	14300	56000	ug/Kg
78-59-1	Isophorone	12000	U	12000	14300	56000	ug/Kg
88-75-5	2-Nitrophenol	7800	U	7800	14300	56000	ug/Kg
105-67-9	2,4-Dimethylphenol	8000	U	8000	14300	56000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	15000	U	15000	14300	56000	ug/Kg
120-83-2	2,4-Dichlorophenol	7200	U	7200	14300	56000	ug/Kg
91-20-3	Naphthalene	2600000	ED	7800	14300	56000	ug/Kg
106-47-8	4-Chloroaniline	6300	U	6300	14300	110000	ug/Kg
87-68-3	Hexachlorobutadiene	16000	U	16000	14300	56000	ug/Kg
105-60-2	Caprolactam	31000	U	31000	27700	110000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	15000	U	15000	14300	56000	ug/Kg
90-12-0	1-Methylnaphthalene	870000	D	13000	14300	56000	ug/Kg
91-57-6	2-Methylnaphthalene	1400000	ED	7200	14300	56000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	30000	U	30000	27700	110000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	13000	U	13000	14300	56000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	8500	U	8500	14300	56000	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	C0T61DL	SDG No.:	BP070124
Lab Sample ID:	P2897-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020715.D	10	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	170000	D	7800	14300	56000	ug/Kg
91-58-7	2-Chloronaphthalene	7800	U	7800	14300	56000	ug/Kg
88-74-4	2-Nitroaniline	18000	U	18000	14300	56000	ug/Kg
131-11-3	Dimethylphthalate	8200	U	8200	14300	56000	ug/Kg
606-20-2	2,6-Dinitrotoluene	15000	U	15000	14300	56000	ug/Kg
208-96-8	Acenaphthylene	120000	D	8800	14300	56000	ug/Kg
99-09-2	3-Nitroaniline	9500	U	9500	27700	110000	ug/Kg
83-32-9	Acenaphthene	540000	D	9200	14300	56000	ug/Kg
51-28-5	2,4-Dinitrophenol	32000	U	32000	27700	110000	ug/Kg
100-02-7	4-Nitrophenol	12000	U	12000	27700	110000	ug/Kg
132-64-9	Dibenzofuran	41000	JD	8100	14300	56000	ug/Kg
121-14-2	2,4-Dinitrotoluene	11000	U	11000	14300	56000	ug/Kg
84-66-2	Diethylphthalate	9200	U	9200	14300	56000	ug/Kg
86-73-7	Fluorene	360000	D	8000	14300	56000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	8000	U	8000	14300	56000	ug/Kg
100-01-6	4-Nitroaniline	8600	U	8600	27700	110000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	25000	U	25000	27700	110000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	8200	U	8200	14300	56000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	7200	U	7200	14300	56000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	8000	U	8000	14300	56000	ug/Kg
118-74-1	Hexachlorobenzene	9100	U	9100	14300	56000	ug/Kg
1912-24-9	Atrazine	22000	U	22000	27700	110000	ug/Kg
87-86-5	Pentachlorophenol	20000	U	20000	27700	110000	ug/Kg
85-01-8	Phenanthrene	1100000	ED	9400	14300	56000	ug/Kg
608-93-5	Pentachlorobenzene	18000	U	18000	14300	56000	ug/Kg
120-12-7	Anthracene	290000	D	7600	14300	56000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19000	U	19000	14300	56000	ug/Kg
86-74-8	Carbazole	6800	U	6800	27700	110000	ug/Kg
84-74-2	Di-n-butylphthalate	17000	U	17000	14300	56000	ug/Kg
206-44-0	Fluoranthene	290000	D	16000	27700	56000	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	C0T61DL	SDG No.:	BP070124
Lab Sample ID:	P2897-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	1.03	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020715.D	10	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	360000	D	12000	14300	56000	ug/Kg
85-68-7	Butylbenzylphthalate	27000	U	27000	14300	56000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	18000	U	18000	27700	110000	ug/Kg
56-55-3	Benzo(a)anthracene	180000	D	6200	14300	56000	ug/Kg
218-01-9	Chrysene	160000	D	8700	14300	56000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29000	U	29000	14300	56000	ug/Kg
117-84-0	Di-n-octyl phthalate	30000	U	30000	27700	110000	ug/Kg
205-99-2	Benzo(b)fluoranthene	100000	D	12000	14300	56000	ug/Kg
207-08-9	Benzo(k)fluoranthene	28000	JD	8600	14300	56000	ug/Kg
50-32-8	Benzo(a)pyrene	74000	D	12000	14300	56000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28000	JD	10000	14300	56000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	14000	JD	8600	14300	56000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	10000	U	10000	14300	56000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	11000	U	11000	14300	56000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.45		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	4.93	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	24.8		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.22		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.51		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	24.66		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	30.36		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.64		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.79		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.41		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.51		10-145		86	SPK: -40
93951-97-4	Acenaphthylene-d8	30.95		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	33.03		20-140		83	SPK: -40

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	C0T61DL	SDG No.:	BP070124
Lab Sample ID:	P2897-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020715.D	10	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.93		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	32.26		10-150		81	SPK: -40
1718-52-1	Pyrene-d10	25.94		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.43		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	231621	7.74				
1146-65-2	Naphthalene-d8	911915	10.516				
15067-26-2	Acenaphthene-d10	526679	14.375				
1517-22-2	Phenanthrene-d10	937934	17.192				
1719-03-5	Chrysene-d12	852559	21.639				
1520-96-3	Perylene-d12	1056593	24.998				
TENTATIVE IDENTIFIED COMPOUNDS							
000620-14-4	Benzene, 1-ethyl-3-methyl-	190000	JD			6.84	
000095-13-6	Indene	520000	JD			8.264	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	88000	JD			8.828	
000768-49-0	Benzene, (2-methyl-1-propenyl)-	86000	JD			8.987	
002177-47-1	2-Methylindene	280000	JD			9.946	
000767-59-9	1H-Indene, 1-methyl-	160000	JD			10.016	
	(DEL) Alkane: Straight-Chain	43000	JD			11.922	
001127-76-0	Naphthalene, 1-ethyl-	240000	JD			13.393	
000575-43-9	Naphthalene, 1,6-dimethyl-	270000	JD			13.54	
000581-42-0	Naphthalene, 2,6-dimethyl-	300000	JD			13.687	
000581-40-8	Naphthalene, 2,3-dimethyl-	130000	JD			13.928	
000643-58-3	1,1-Biphenyl, 2-methyl-	110000	JD			14.993	
013678-98-3	Benzene, 5-heptene-1,3-diyn-1-yl-	170000	JD			15.863	
001730-37-6	9H-Fluorene, 1-methyl-	130000	JD			16.469	
002523-39-9	9H-Fluorene, 3-methyl-	66000	JD			16.522	
002523-37-7	9H-Fluorene, 9-methyl-	56000	JD			16.622	
001430-97-3	9H-Fluorene, 2-methyl-	47000	JD			16.84	

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	C0T61DL	SDG No.:	BP070124
Lab Sample ID:	P2897-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020715.D	10	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000132-65-0	Dibenzothiophene	140000	JD			16.998	
067388-11-8	4-Methylnaphtho[1,2-b]thiophene	60000	JD			17.787	
007372-88-5	Dibenzothiophene, 4-methyl-	58000	JD			17.945	
002531-84-2	Phenanthrene, 2-methyl-	240000	JD			18.092	
000832-64-4	Phenanthrene, 4-methyl-	240000	JD			18.145	
000832-69-9	Phenanthrene, 1-methyl-	110000	JD			18.234	
000203-64-5	4H-Cyclopenta[def]phenanthrene	350000	JD			18.304	
000779-02-2	Anthracene, 9-methyl-	140000	JD			18.34	
000612-94-2	Naphthalene, 2-phenyl-	93000	JD			18.622	
003674-66-6	Phenanthrene, 2,5-dimethyl-	170000	JD			19.051	
006543-29-9	Indeno[2,1-a]indene, 5,10-dihydro-	88000	JD			19.122	
003297-72-1	Isoquinoline, 1-phenyl-	50000	JD			19.151	
000886-66-8	Benzene, 1,1-(1,3-butadiyne-1,4-diyl)bis-	63000	JD			19.486	
000243-17-4	11H-Benzo[b]fluorene	55000	JD			20.222	
E966796	Total Alkanes	43000	D			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN7	SDG No.:	BP070124
Lab Sample ID:	P2871-16	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
BP020716.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.3	74	ug/Kg
100-52-7	Benzaldehyde	50	U	50	91.1	360	ug/Kg
110-86-1	Pyridine	36	U	36	180	360	ug/Kg
108-95-2	Phenol	47	U	47	91.1	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	91.1	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	46.9	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	91.1	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66	U	66	91.1	360	ug/Kg
98-86-2	Acetophenone	44	U	44	91.1	360	ug/Kg
106-44-5	4-Methylphenol	41	U	41	91.1	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	56	U	56	46.9	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	46.9	190	ug/Kg
98-95-3	Nitrobenzene	34	U	34	46.9	190	ug/Kg
78-59-1	Isophorone	53	U	53	46.9	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	46.9	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	46.9	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	46.9	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	46.9	190	ug/Kg
91-20-3	Naphthalene	28	U	28	46.9	190	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	46.9	360	ug/Kg
87-68-3	Hexachlorobutadiene	49	U	49	46.9	190	ug/Kg
105-60-2	Caprolactam	79	U	79	91.1	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	46.9	190	ug/Kg
90-12-0	1-Methylnaphthalene	36	U	36	46.9	190	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	46.9	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	91.1	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	46.9	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	46.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN7	SDG No.:	BP070124
Lab Sample ID:	P2871-16	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
BP020716.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	46.9	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	46.9	190	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	46.9	190	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	46.9	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	49	U	49	46.9	190	ug/Kg
208-96-8	Acenaphthylene	35	U	35	46.9	190	ug/Kg
99-09-2	3-Nitroaniline	49	U	49	91.1	360	ug/Kg
83-32-9	Acenaphthene	32	U	32	46.9	190	ug/Kg
51-28-5	2,4-Dinitrophenol	53	U	53	91.1	360	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	91.1	360	ug/Kg
132-64-9	Dibenzofuran	35	U	35	46.9	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	46.9	190	ug/Kg
84-66-2	Diethylphthalate	33	U	33	46.9	190	ug/Kg
86-73-7	Fluorene	28	U	28	46.9	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.9	190	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	91.1	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	85	U	85	91.1	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	36	U	36	46.9	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	46.9	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	46.9	190	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	46.9	190	ug/Kg
1912-24-9	Atrazine	78	U	78	91.1	360	ug/Kg
87-86-5	Pentachlorophenol	82	U	82	91.1	360	ug/Kg
85-01-8	Phenanthrene	130	J	32	46.9	190	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	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	55	U	55	46.9	190	ug/Kg
86-74-8	Carbazole	31	U	31	91.1	360	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	46.9	190	ug/Kg
206-44-0	Fluoranthene	290		60	91.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN7	SDG No.:	BP070124
Lab Sample ID:	P2871-16	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
BP020716.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	200		54	46.9	190	ug/Kg
85-68-7	Butylbenzylphthalate	93	U	93	46.9	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	53	U	53	91.1	360	ug/Kg
56-55-3	Benzo(a)anthracene	100	J	30	46.9	190	ug/Kg
218-01-9	Chrysene	130	J	34	46.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	J	110	46.9	190	ug/Kg
117-84-0	Di-n-octyl phthalate	84	U	84	91.1	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	180	J	36	46.9	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	62	J	42	46.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	67	J	35	46.9	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	60	J	34	46.9	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	46.9	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	46.9	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	46.9	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.628		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	4.806	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	29.265		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.28		10-150		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.631		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	29.621		10-140		74	SPK: -40
4165-60-0	Nitrobenzene-d5	31.483		10-135		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.771		10-120		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.179		10-140		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.331		1-145		3	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.233		10-145		81	SPK: -40
93951-97-4	Acenaphthylene-d8	31.048		15-120		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.789		10-150		87	SPK: -40
81103-79-9	Fluorene-d10	33.879		20-140		85	SPK: -40

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN7	SDG No.:	BP070124
Lab Sample ID:	P2871-16	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
BP020716.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.385		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	30.688		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	32.353		10-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.572		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	209834	7.74				
1146-65-2	Naphthalene-d8	879707	10.51				
15067-26-2	Acenaphthene-d10	590120	14.369				
1517-22-2	Phenanthrene-d10	1286605	17.175				
1719-03-5	Chrysene-d12	869183	21.645				
1520-96-3	Perylene-d12	913562	25.027				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	150	J			3.54	
	unknown-01	180	J			4.899	
000770-35-4	1-Phenoxypropan-2-ol	150	J			11.246	
000621-59-0	Benzaldehyde, 3-hydroxy-4-methoxy-	170	J			13.287	
000140-10-3	trans-Cinnamic acid	170	J			13.481	
010030-73-6	(E)-Hexadec-9-enoic acid	100	J			18.069	
000057-10-3	n-Hexadecanoic acid	760	J			18.128	
	(DEL) Alkane: Straight-Chain19.016	77	J			19.016	
	(DEL) Alkane: Straight-Chain19.087	87	J			19.087	
000057-11-4	Octadecanoic acid	430	J			19.463	
005561-99-9	cis-11-Eicosenoic acid	110	J			19.998	
330207-53-9	E-14-Hexadecenal	280	J			20.228	
	(DEL) Alkane: Straight-Chain20.257	200	J			20.257	
035599-77-0	Tridecane, 1-iodo-	150	J			20.781	
070610-10-5	3-Methoxy-5-(2-phenylethyl)-2-pren	120	J			21.092	
1000406-04-8	Pentadecafluorooctanoic acid, octa	1700	J			21.316	
061844-62-0	Benzyl trans-4-coumarate	110	J			21.427	

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN7	SDG No.:	BP070124
Lab Sample ID:	P2871-16	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
BP020716.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain21.904	280	J			21.904	
132335-97-8	Benzyl (E)-ferulate	140	J			22.045	
077899-10-6	(Z)-14-Tricosenyl formate	400	J			22.157	
	(DEL) Alkane: Straight-Chain22.580	3400	J			22.58	
026627-85-0	Hexacosanal	210	J			22.851	
000557-59-5	Tetracosanoic acid	250	J			23.075	
	(DEL) Alkane: Straight-Chain23.292	230	J			23.292	
001454-84-8	n-Nonadecanol-1	210	J			23.333	
000629-80-1	Hexadecanal	2300	J			23.663	
	(DEL) Alkane: Straight-Chain24.163	3700	J			24.163	
	(DEL) Alkane: Straight-Chain24.239	3200	J			24.239	
007796-19-2	2-Heptacosanone	330	J			24.374	
014811-95-1	1,19-Eicosadiene	480	J			24.616	
	(DEL) Alkane: Straight-Chain25.174	410	J			25.174	
007390-81-0	Oxirane, hexadecyl-	4600	J			25.745	
	(DEL) Alkane: Straight-Chain26.421	7300	J			26.421	
002004-39-9	1-Heptacosanol	3200	J			26.545	
075207-54-4	2-Pentacosanone	670	J			26.733	
072934-03-3	Heptacosanal	620	J			28.674	
000638-66-4	Octadecanal	1300	J			28.692	
004651-51-8	Ergost-5-en-3-ol, (3.beta.)-	880	J			29.045	
000083-48-7	Stigmasterol	590	J			29.504	
	(DEL) Alkane: Straight-Chain29.598	550	J			29.598	
	(DEL) Alkane: Straight-Chain29.827	150	J			29.827	
000083-47-6	.gamma.-Sitosterol	4000	J			30.662	
E966796	Total Alkanes	20000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C53	SDG No.:	BP070124
Lab Sample ID:	P2871-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.2
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
BP020717.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.2	72	ug/Kg
100-52-7	Benzaldehyde	49	U	49	89.6	360	ug/Kg
110-86-1	Pyridine	36	U	36	180	360	ug/Kg
108-95-2	Phenol	47	U	47	89.6	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	89.6	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	46.1	180	ug/Kg
95-48-7	2-Methylphenol	42	U	42	89.6	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	65	U	65	89.6	360	ug/Kg
98-86-2	Acetophenone	43	U	43	89.6	360	ug/Kg
106-44-5	4-Methylphenol	40	U	40	89.6	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	55	U	55	46.1	180	ug/Kg
67-72-1	Hexachloroethane	20	U	20	46.1	180	ug/Kg
98-95-3	Nitrobenzene	34	U	34	46.1	180	ug/Kg
78-59-1	Isophorone	52	U	52	46.1	180	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	46.1	180	ug/Kg
105-67-9	2,4-Dimethylphenol	27	U	27	46.1	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	46.1	180	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	46.1	180	ug/Kg
91-20-3	Naphthalene	27	U	27	46.1	180	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	46.1	360	ug/Kg
87-68-3	Hexachlorobutadiene	48	U	48	46.1	180	ug/Kg
105-60-2	Caprolactam	78	U	78	89.6	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	46.1	180	ug/Kg
90-12-0	1-Methylnaphthalene	36	U	36	46.1	180	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	46.1	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	89.6	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	46.1	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	46.1	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C53	SDG No.:	BP070124
Lab Sample ID:	P2871-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.2
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
BP020717.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	46.1	180	ug/Kg
91-58-7	2-Chloronaphthalene	28	U	28	46.1	180	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	46.1	180	ug/Kg
131-11-3	Dimethylphthalate	31	U	31	46.1	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	48	U	48	46.1	180	ug/Kg
208-96-8	Acenaphthylene	35	U	35	46.1	180	ug/Kg
99-09-2	3-Nitroaniline	48	U	48	89.6	360	ug/Kg
83-32-9	Acenaphthene	31	U	31	46.1	180	ug/Kg
51-28-5	2,4-Dinitrophenol	52	U	52	89.6	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	89.6	360	ug/Kg
132-64-9	Dibenzofuran	35	U	35	46.1	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	46.1	180	ug/Kg
84-66-2	Diethylphthalate	33	U	33	46.1	180	ug/Kg
86-73-7	Fluorene	27	U	27	46.1	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.1	180	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	89.6	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	84	U	84	89.6	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	36	U	36	46.1	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	46.1	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	46.1	180	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	46.1	180	ug/Kg
1912-24-9	Atrazine	77	U	77	89.6	360	ug/Kg
87-86-5	Pentachlorophenol	80	U	80	89.6	360	ug/Kg
85-01-8	Phenanthrene	31	U	31	46.1	180	ug/Kg
608-93-5	Pentachlorobenzene	56	U	56	46.1	180	ug/Kg
120-12-7	Anthracene	27	U	27	46.1	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	54	U	54	46.1	180	ug/Kg
86-74-8	Carbazole	30	U	30	89.6	360	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	46.1	180	ug/Kg
206-44-0	Fluoranthene	64	J	59	89.6	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C53	SDG No.:	BP070124
Lab Sample ID:	P2871-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.2
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
BP020717.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	59	J	53	46.1	180	ug/Kg
85-68-7	Butylbenzylphthalate	91	U	91	46.1	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	89.6	360	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	46.1	180	ug/Kg
218-01-9	Chrysene	40	J	34	46.1	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	46.1	180	ug/Kg
117-84-0	Di-n-octyl phthalate	83	U	83	89.6	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	J	36	46.1	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	46.1	180	ug/Kg
50-32-8	Benzo(a)pyrene	38	J	35	46.1	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	46.1	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	46.1	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	28	46.1	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	46.1	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.679		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	11.18		20-120		28	SPK: -40
4165-62-2	Phenol-d5	22.692		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.676		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.752		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	23.604		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	25.438		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.771		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.627		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.881		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.291		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	27.089		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.798		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	27.732		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C53	SDG No.:	BP070124
Lab Sample ID:	P2871-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.2
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
BP020717.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.851		10-130		62	SPK: -40
1719-06-8	Anthracene-d10	27.888		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	26.534		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.795		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	215313	7.74				
1146-65-2	Naphthalene-d8	871417	10.516				
15067-26-2	Acenaphthene-d10	537830	14.375				
1517-22-2	Phenanthrene-d10	945232	17.18				
1719-03-5	Chrysene-d12	771012	21.645				
1520-96-3	Perylene-d12	910163	25.009				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			3.016	
000057-55-6	Propylene Glycol	94	J			3.546	
000770-35-4	1-Phenoxypropan-2-ol	130	J			11.257	
000057-10-3	n-Hexadecanoic acid	280	J			18.127	
000057-11-4	Octadecanoic acid	150	J			19.457	
	(DEL) Alkane: Straight-Chain20.921	160	J			20.921	
	(DEL) Alkane: Straight-Chain21.315	550	J			21.315	
000661-19-8	Behenic alcohol	480	J			22.568	
	(DEL) Alkane: Straight-Chain24.157	230	J			24.157	
	(DEL) Alkane: Straight-Chain24.221	170	J			24.221	
E966796	Total Alkanes	1100				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	C0T61DL2	SDG No.:	BP070124
Lab Sample ID:	P2897-14DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	1.03	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020718.D	50	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15000	U	15000	11100	110000	ug/Kg
100-52-7	Benzaldehyde	78000	U	78000	138600	560000	ug/Kg
110-86-1	Pyridine	95000	U	95000	277200	560000	ug/Kg
108-95-2	Phenol	67000	U	67000	138600	560000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	62000	U	62000	138600	560000	ug/Kg
95-57-8	2-Chlorophenol	44000	U	44000	71400	280000	ug/Kg
95-48-7	2-Methylphenol	49000	U	49000	138600	560000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110000	U	110000	138600	560000	ug/Kg
98-86-2	Acetophenone	54000	U	54000	138600	560000	ug/Kg
106-44-5	4-Methylphenol	48000	U	48000	138600	560000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	95000	U	95000	71400	280000	ug/Kg
67-72-1	Hexachloroethane	27000	U	27000	71400	280000	ug/Kg
98-95-3	Nitrobenzene	53000	U	53000	71400	280000	ug/Kg
78-59-1	Isophorone	62000	U	62000	71400	280000	ug/Kg
88-75-5	2-Nitrophenol	39000	U	39000	71400	280000	ug/Kg
105-67-9	2,4-Dimethylphenol	40000	U	40000	71400	280000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	73000	U	73000	71400	280000	ug/Kg
120-83-2	2,4-Dichlorophenol	36000	U	36000	71400	280000	ug/Kg
91-20-3	Naphthalene	3100000	D	39000	71400	280000	ug/Kg
106-47-8	4-Chloroaniline	31000	U	31000	71400	560000	ug/Kg
87-68-3	Hexachlorobutadiene	78000	U	78000	71400	280000	ug/Kg
105-60-2	Caprolactam	160000	U	160000	138600	560000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	73000	U	73000	71400	280000	ug/Kg
90-12-0	1-Methylnaphthalene	960000	D	67000	71400	280000	ug/Kg
91-57-6	2-Methylnaphthalene	1600000	D	36000	71400	280000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150000	U	150000	138600	560000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	67000	U	67000	71400	280000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43000	U	43000	71400	280000	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	C0T61DL2	SDG No.:	BP070124
Lab Sample ID:	P2897-14DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020718.D	50	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	170000	JD	39000	71400	280000	ug/Kg
91-58-7	2-Chloronaphthalene	39000	U	39000	71400	280000	ug/Kg
88-74-4	2-Nitroaniline	90000	U	90000	71400	280000	ug/Kg
131-11-3	Dimethylphthalate	41000	U	41000	71400	280000	ug/Kg
606-20-2	2,6-Dinitrotoluene	73000	U	73000	71400	280000	ug/Kg
208-96-8	Acenaphthylene	120000	JD	44000	71400	280000	ug/Kg
99-09-2	3-Nitroaniline	48000	U	48000	138600	560000	ug/Kg
83-32-9	Acenaphthene	580000	D	46000	71400	280000	ug/Kg
51-28-5	2,4-Dinitrophenol	160000	U	160000	138600	560000	ug/Kg
100-02-7	4-Nitrophenol	62000	U	62000	138600	560000	ug/Kg
132-64-9	Dibenzofuran	40000	U	40000	71400	280000	ug/Kg
121-14-2	2,4-Dinitrotoluene	54000	U	54000	71400	280000	ug/Kg
84-66-2	Diethylphthalate	46000	U	46000	71400	280000	ug/Kg
86-73-7	Fluorene	380000	D	40000	71400	280000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	40000	U	40000	71400	280000	ug/Kg
100-01-6	4-Nitroaniline	43000	U	43000	138600	560000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120000	U	120000	138600	560000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41000	U	41000	71400	280000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36000	U	36000	71400	280000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	40000	U	40000	71400	280000	ug/Kg
118-74-1	Hexachlorobenzene	45000	U	45000	71400	280000	ug/Kg
1912-24-9	Atrazine	110000	U	110000	138600	560000	ug/Kg
87-86-5	Pentachlorophenol	100000	U	100000	138600	560000	ug/Kg
85-01-8	Phenanthrene	1100000	D	47000	71400	280000	ug/Kg
608-93-5	Pentachlorobenzene	90000	U	90000	71400	280000	ug/Kg
120-12-7	Anthracene	290000	D	38000	71400	280000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	95000	U	95000	71400	280000	ug/Kg
86-74-8	Carbazole	34000	U	34000	138600	560000	ug/Kg
84-74-2	Di-n-butylphthalate	84000	U	84000	71400	280000	ug/Kg
206-44-0	Fluoranthene	320000	D	78000	138600	280000	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	C0T61DL2	SDG No.:	BP070124
Lab Sample ID:	P2897-14DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	1.03	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020718.D	50	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	390000	D	62000	71400	280000	ug/Kg
85-68-7	Butylbenzylphthalate	130000	U	130000	71400	280000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	90000	U	90000	138600	560000	ug/Kg
56-55-3	Benzo(a)anthracene	180000	JD	31000	71400	280000	ug/Kg
218-01-9	Chrysene	160000	JD	44000	71400	280000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150000	U	150000	71400	280000	ug/Kg
117-84-0	Di-n-octyl phthalate	150000	U	150000	138600	560000	ug/Kg
205-99-2	Benzo(b)fluoranthene	100000	JD	62000	71400	280000	ug/Kg
207-08-9	Benzo(k)fluoranthene	43000	U	43000	71400	280000	ug/Kg
50-32-8	Benzo(a)pyrene	71000	JD	62000	71400	280000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51000	U	51000	71400	280000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43000	U	43000	71400	280000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52000	U	52000	71400	280000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	54000	U	54000	71400	280000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8		U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5		U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	24.3		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.25		10-150		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.7		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	21.45		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	27.6		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	27		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.65		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.65		1-145		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.9		10-145		87	SPK: -40
93951-97-4	Acenaphthylene-d8	30.85		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	34.75		20-140		87	SPK: -40

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	C0T61DL2	SDG No.:	BP070124
Lab Sample ID:	P2897-14DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	1.03	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020718.D	50	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2		U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	33.95		10-150		85	SPK: -40
1718-52-1	Pyrene-d10	26.9		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.35		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	225370	7.74				
1146-65-2	Naphthalene-d8	928650	10.51				
15067-26-2	Acenaphthene-d10	573211	14.369				
1517-22-2	Phenanthrene-d10	1049445	17.186				
1719-03-5	Chrysene-d12	894395	21.639				
1520-96-3	Perylene-d12	1110080	25.003				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	120000	JD			3.01	
000611-14-3	Benzene, 1-ethyl-2-methyl-	220000	JD			6.84	
000622-96-8	Benzene, 1-ethyl-4-methyl-	140000	JD			6.898	
000526-73-8	Benzene, 1,2,3-trimethyl-	250000	JD			7.393	
000095-13-6	Indene	610000	JD			8.269	
065051-83-4	Benzene, (1-methyl-2-cyclopropen-1	250000	JD			9.934	
002177-47-1	2-Methylindene	160000	JD			10.004	
000939-27-5	Naphthalene, 2-ethyl-	320000	JD			13.386	
000575-37-1	Naphthalene, 1,7-dimethyl-	360000	JD			13.528	
000575-43-9	Naphthalene, 1,6-dimethyl-	430000	JD			13.681	
000581-42-0	Naphthalene, 2,6-dimethyl-	180000	JD			13.733	
000581-40-8	Naphthalene, 2,3-dimethyl-	180000	JD			13.916	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	130000	JD			14.769	
	unknown-01	150000	JD			14.986	
000203-80-5	1H-Phenylene	120000	JD			15.257	
024324-17-2	Fluorene-9-methanol	130000	JD			15.857	
001730-37-6	9H-Fluorene, 1-methyl-	140000	JD			16.469	

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	C0T61DL2	SDG No.:	BP070124
Lab Sample ID:	P2897-14DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020718.D	50	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000132-65-0	Dibenzothiophene	140000	JD			16.992	
002531-84-2	Phenanthrene, 2-methyl-	230000	JD			18.092	
000613-12-7	Anthracene, 2-methyl-	240000	JD			18.139	
000610-48-0	Anthracene, 1-methyl-	360000	JD			18.286	
000779-02-2	Anthracene, 9-methyl-	120000	JD			18.327	
000781-43-1	9,10-Dimethylanthracene	140000	JD			19.045	
000886-66-8	Benzene, 1,1-(1,3-butadiyne-1,4-diyl)bis-	130000	JD			19.474	
E966796	Total Alkanes	39000	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C55	SDG No.:	BP070124
Lab Sample ID:	P2871-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020719.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.9	90	ug/Kg
100-52-7	Benzaldehyde	61	U	61	110	450	ug/Kg
110-86-1	Pyridine	45	U	45	220	450	ug/Kg
108-95-2	Phenol	58	U	58	110	450	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	54	U	54	110	450	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	57.5	230	ug/Kg
95-48-7	2-Methylphenol	53	U	53	110	450	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	81	U	81	110	450	ug/Kg
98-86-2	Acetophenone	54	U	54	110	450	ug/Kg
106-44-5	4-Methylphenol	50	U	50	110	450	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	69	U	69	57.5	230	ug/Kg
67-72-1	Hexachloroethane	24	U	24	57.5	230	ug/Kg
98-95-3	Nitrobenzene	42	U	42	57.5	230	ug/Kg
78-59-1	Isophorone	65	U	65	57.5	230	ug/Kg
88-75-5	2-Nitrophenol	42	U	42	57.5	230	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	57.5	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	58	U	58	57.5	230	ug/Kg
120-83-2	2,4-Dichlorophenol	22	U	22	57.5	230	ug/Kg
91-20-3	Naphthalene	34	U	34	57.5	230	ug/Kg
106-47-8	4-Chloroaniline	32	U	32	57.5	450	ug/Kg
87-68-3	Hexachlorobutadiene	60	U	60	57.5	230	ug/Kg
105-60-2	Caprolactam	97	U	97	110	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	66	U	66	57.5	230	ug/Kg
90-12-0	1-Methylnaphthalene	45	U	45	57.5	230	ug/Kg
91-57-6	2-Methylnaphthalene	31	U	31	57.5	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	66	U	66	57.5	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	57.5	230	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C55	SDG No.:	BP070124
Lab Sample ID:	P2871-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020719.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	57.5	230	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	57.5	230	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	57.5	230	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	57.5	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	60	U	60	57.5	230	ug/Kg
208-96-8	Acenaphthylene	43	U	43	57.5	230	ug/Kg
99-09-2	3-Nitroaniline	60	U	60	110	450	ug/Kg
83-32-9	Acenaphthene	39	U	39	57.5	230	ug/Kg
51-28-5	2,4-Dinitrophenol	65	U	65	110	450	ug/Kg
100-02-7	4-Nitrophenol	60	U	60	110	450	ug/Kg
132-64-9	Dibenzofuran	43	U	43	57.5	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	58	U	58	57.5	230	ug/Kg
84-66-2	Diethylphthalate	41	U	41	57.5	230	ug/Kg
86-73-7	Fluorene	34	U	34	57.5	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27	U	27	57.5	230	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	110	450	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	110	450	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	57.5	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	32	U	32	57.5	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	39	U	39	57.5	230	ug/Kg
118-74-1	Hexachlorobenzene	43	U	43	57.5	230	ug/Kg
1912-24-9	Atrazine	96	U	96	110	450	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	110	450	ug/Kg
85-01-8	Phenanthrene	39	U	39	57.5	230	ug/Kg
608-93-5	Pentachlorobenzene	70	U	70	57.5	230	ug/Kg
120-12-7	Anthracene	34	U	34	57.5	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	68	U	68	57.5	230	ug/Kg
86-74-8	Carbazole	38	U	38	110	450	ug/Kg
84-74-2	Di-n-butylphthalate	82	U	82	57.5	230	ug/Kg
206-44-0	Fluoranthene	73	U	73	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C55	SDG No.:	BP070124
Lab Sample ID:	P2871-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020719.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	66	U	66	57.5	230	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	57.5	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65	U	65	110	450	ug/Kg
56-55-3	Benzo(a)anthracene	37	U	37	57.5	230	ug/Kg
218-01-9	Chrysene	42	U	42	57.5	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	57.5	230	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	45	U	45	57.5	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	57.5	230	ug/Kg
50-32-8	Benzo(a)pyrene	43	U	43	57.5	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42	U	42	57.5	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	38	U	38	57.5	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	57.5	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	57.5	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.535		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	16.321		20-120		41	SPK: -40
4165-62-2	Phenol-d5	20.662		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.714		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.821		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	20.489		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	23.525		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.509		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.431		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.966		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.61		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	25.499		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.229		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	26.983		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C55	SDG No.:	BP070124
Lab Sample ID:	P2871-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020719.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.098		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	26.599		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	25.46		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.722		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	190526	7.74				
1146-65-2	Naphthalene-d8	754996	10.504				
15067-26-2	Acenaphthene-d10	449868	14.369				
1517-22-2	Phenanthrene-d10	836539	17.175				
1719-03-5	Chrysene-d12	719138	21.633				
1520-96-3	Perylene-d12	856050	24.998				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			3.011	
000770-35-4	1-Phenoxypropan-2-ol	92	J			11.24	
000057-10-3	n-Hexadecanoic acid	260	J			18.128	
000057-11-4	Octadecanoic acid	110	J			19.457	
	(DEL) Alkane: Straight-Chain	240	J			21.304	
E966796	Total Alkanes	240				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C58	SDG No.:	BP070124
Lab Sample ID:	P2871-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.3
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
BP020720.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.3	74	ug/Kg
100-52-7	Benzaldehyde	50	U	50	91	360	ug/Kg
110-86-1	Pyridine	36	U	36	180	360	ug/Kg
108-95-2	Phenol	47	U	47	91	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	91	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	46.9	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	91	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66	U	66	91	360	ug/Kg
98-86-2	Acetophenone	44	U	44	91	360	ug/Kg
106-44-5	4-Methylphenol	41	U	41	91	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	56	U	56	46.9	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	46.9	190	ug/Kg
98-95-3	Nitrobenzene	34	U	34	46.9	190	ug/Kg
78-59-1	Isophorone	53	U	53	46.9	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	46.9	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	46.9	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	46.9	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	46.9	190	ug/Kg
91-20-3	Naphthalene	28	U	28	46.9	190	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	46.9	360	ug/Kg
87-68-3	Hexachlorobutadiene	49	U	49	46.9	190	ug/Kg
105-60-2	Caprolactam	79	U	79	91	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	46.9	190	ug/Kg
90-12-0	1-Methylnaphthalene	36	U	36	46.9	190	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	46.9	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	91	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	46.9	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	46.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C58	SDG No.:	BP070124
Lab Sample ID:	P2871-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.3
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
BP020720.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	46.9	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	46.9	190	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	46.9	190	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	46.9	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	49	U	49	46.9	190	ug/Kg
208-96-8	Acenaphthylene	35	U	35	46.9	190	ug/Kg
99-09-2	3-Nitroaniline	49	U	49	91	360	ug/Kg
83-32-9	Acenaphthene	32	U	32	46.9	190	ug/Kg
51-28-5	2,4-Dinitrophenol	53	U	53	91	360	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	91	360	ug/Kg
132-64-9	Dibenzofuran	35	U	35	46.9	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	46.9	190	ug/Kg
84-66-2	Diethylphthalate	33	U	33	46.9	190	ug/Kg
86-73-7	Fluorene	28	U	28	46.9	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.9	190	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	91	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	85	U	85	91	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	36	U	36	46.9	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	46.9	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	46.9	190	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	46.9	190	ug/Kg
1912-24-9	Atrazine	78	U	78	91	360	ug/Kg
87-86-5	Pentachlorophenol	82	U	82	91	360	ug/Kg
85-01-8	Phenanthrene	62	J	32	46.9	190	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	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	55	U	55	46.9	190	ug/Kg
86-74-8	Carbazole	31	U	31	91	360	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	46.9	190	ug/Kg
206-44-0	Fluoranthene	90	J	60	91	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C58	SDG No.:	BP070124
Lab Sample ID:	P2871-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.3
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
BP020720.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	74	J	54	46.9	190	ug/Kg
85-68-7	Butylbenzylphthalate	93	U	93	46.9	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	53	U	53	91	360	ug/Kg
56-55-3	Benzo(a)anthracene	48	J	30	46.9	190	ug/Kg
218-01-9	Chrysene	56	J	34	46.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	46.9	190	ug/Kg
117-84-0	Di-n-octyl phthalate	84	U	84	91	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	69	J	36	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	35	U	35	46.9	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	46.9	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	46.9	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	46.9	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	46.9	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.035		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	2.445	*	20-120		6	SPK: -40
4165-62-2	Phenol-d5	21.374		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.911		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.014		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	20.363		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	26.222		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.103		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.296		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.604		1-145		17	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.514		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	25.399		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.413		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	25.632		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C58	SDG No.:	BP070124
Lab Sample ID:	P2871-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.3
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
BP020720.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.884		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	24.951		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	20.886		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.656		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	179651	7.74				
1146-65-2	Naphthalene-d8	674121	10.51				
15067-26-2	Acenaphthene-d10	388391	14.369				
1517-22-2	Phenanthrene-d10	699050	17.187				
1719-03-5	Chrysene-d12	691214	21.651				
1520-96-3	Perylene-d12	804479	25.01				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			3.011	
	unknown-01	180	J			4.899	
000770-35-4	1-Phenoxypropan-2-ol	82	J			11.252	
000057-10-3	n-Hexadecanoic acid	230	J			18.134	
000057-11-4	Octadecanoic acid	170	J			19.457	
1000406-04-8	Pentadecafluorooctanoic acid, octa	670	J			21.322	
	(DEL) Alkane: Straight-Chain22.569	1000	J			22.569	
	unknown-02	130	J			22.751	
000638-66-4	Octadecanal	240	J			23.651	
	(DEL) Alkane: Straight-Chain24.151	910	J			24.151	
077899-03-7	1-Heneicosyl formate	430	J			24.221	
067860-04-2	Oxirane, heptadecyl-	960	J			25.715	
	(DEL) Alkane: Straight-Chain26.380	1100	J			26.38	
000557-61-9	Octacosanol	630	J			26.527	
E966796	Total Alkanes	3000				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:	SBLK627	SDG No.:	BP070124
Lab Sample ID:	PB161627BL	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
BP020722.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	67	ug/Kg
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	330	ug/Kg
108-95-2	Phenol	43	U	43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82.5	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	31	U	31	42.5	170	ug/Kg
78-59-1	Isophorone	48	U	48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	16	U	16	42.5	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.5	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	23	U	23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	42.5	170	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:	SBLK627	SDG No.:	BP070124
Lab Sample ID:	PB161627BL	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
BP020722.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	32	U	32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.5	330	ug/Kg
83-32-9	Acenaphthene	29	U	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.5	170	ug/Kg
86-73-7	Fluorene	25	U	25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.5	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	74	U	74	82.5	330	ug/Kg
85-01-8	Phenanthrene	29	U	29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	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	50	U	50	42.5	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	42.5	170	ug/Kg
206-44-0	Fluoranthene	54	U	54	82.5	170	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:	SBLK627	SDG No.:	BP070124
Lab Sample ID:	PB161627BL	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
BP020722.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	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	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.03		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	25.851		20-120		65	SPK: -40
4165-62-2	Phenol-d5	27.918		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.719		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.81		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	28.816		10-140		72	SPK: -40
4165-60-0	Nitrobenzene-d5	30.629		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.421		10-120		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.24		10-140		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.937		1-145		75	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.831		10-145		77	SPK: -40
93951-97-4	Acenaphthylene-d8	28.651		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.404		10-150		69	SPK: -40
81103-79-9	Fluorene-d10	29.826		20-140		75	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:	SBLK627	SDG No.:	BP070124
Lab Sample ID:	PB161627BL	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
BP020722.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.368		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	30.687		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	29.692		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.578		10-140		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	262954	7.734				
1146-65-2	Naphthalene-d8	1121605	10.51				
15067-26-2	Acenaphthene-d10	752258	14.375				
1517-22-2	Phenanthrene-d10	1404635	17.18				
1719-03-5	Chrysene-d12	1057809	21.645				
1520-96-3	Perylene-d12	1245591	25.009				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN5	SDG No.:	BP070124
Lab Sample ID:	P2871-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.7
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
BP020723.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	9.1	92	ug/Kg
100-52-7	Benzaldehyde	62	U	62	110	450	ug/Kg
110-86-1	Pyridine	45	U	45	230	450	ug/Kg
108-95-2	Phenol	59	U	59	110	450	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	55	U	55	110	450	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	58.6	230	ug/Kg
95-48-7	2-Methylphenol	54	U	54	110	450	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	83	U	83	110	450	ug/Kg
98-86-2	Acetophenone	55	U	55	110	450	ug/Kg
106-44-5	4-Methylphenol	51	U	51	110	450	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	70	U	70	58.6	230	ug/Kg
67-72-1	Hexachloroethane	25	U	25	58.6	230	ug/Kg
98-95-3	Nitrobenzene	43	U	43	58.6	230	ug/Kg
78-59-1	Isophorone	66	U	66	58.6	230	ug/Kg
88-75-5	2-Nitrophenol	43	U	43	58.6	230	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	58.6	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	59	U	59	58.6	230	ug/Kg
120-83-2	2,4-Dichlorophenol	22	U	22	58.6	230	ug/Kg
91-20-3	Naphthalene	34	U	34	58.6	230	ug/Kg
106-47-8	4-Chloroaniline	33	U	33	58.6	450	ug/Kg
87-68-3	Hexachlorobutadiene	61	U	61	58.6	230	ug/Kg
105-60-2	Caprolactam	99	U	99	110	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	68	U	68	58.6	230	ug/Kg
90-12-0	1-Methylnaphthalene	45	U	45	58.6	230	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	58.6	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	68	U	68	58.6	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	54	58.6	230	ug/Kg



Client:				Date Collected:	6/13/2024 12:00:00 AM	
Project:				Date Received:	6/13/2024 12:00:00 AM	
Client Sample ID:	A4CN5			SDG No.:	BP070124	
Lab Sample ID:	P2871-15			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	27.7	
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
BP020723.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	58.6	230	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	58.6	230	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	58.6	230	ug/Kg
131-11-3	Dimethylphthalate	40	U	40	58.6	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	61	U	61	58.6	230	ug/Kg
208-96-8	Acenaphthylene	44	U	44	58.6	230	ug/Kg
99-09-2	3-Nitroaniline	61	U	61	110	450	ug/Kg
83-32-9	Acenaphthene	40	U	40	58.6	230	ug/Kg
51-28-5	2,4-Dinitrophenol	66	U	66	110	450	ug/Kg
100-02-7	4-Nitrophenol	61	U	61	110	450	ug/Kg
132-64-9	Dibenzofuran	44	U	44	58.6	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	59	U	59	58.6	230	ug/Kg
84-66-2	Diethylphthalate	41	U	41	58.6	230	ug/Kg
86-73-7	Fluorene	34	U	34	58.6	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28	U	28	58.6	230	ug/Kg
100-01-6	4-Nitroaniline	43	U	43	110	450	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	110	450	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	58.6	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	33	U	33	58.6	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	40	U	40	58.6	230	ug/Kg
118-74-1	Hexachlorobenzene	44	U	44	58.6	230	ug/Kg
1912-24-9	Atrazine	98	U	98	110	450	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	110	450	ug/Kg
85-01-8	Phenanthrene	40	U	40	58.6	230	ug/Kg
608-93-5	Pentachlorobenzene	72	U	72	58.6	230	ug/Kg
120-12-7	Anthracene	34	U	34	58.6	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	69	U	69	58.6	230	ug/Kg
86-74-8	Carbazole	39	U	39	110	450	ug/Kg
84-74-2	Di-n-butylphthalate	84	U	84	58.6	230	ug/Kg
206-44-0	Fluoranthene	74	U	74	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN5	SDG No.:	BP070124
Lab Sample ID:	P2871-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.7
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
BP020723.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	68	U	68	58.6	230	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	58.6	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66	U	66	110	450	ug/Kg
56-55-3	Benzo(a)anthracene	37	U	37	58.6	230	ug/Kg
218-01-9	Chrysene	43	U	43	58.6	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	58.6	230	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	45	U	45	58.6	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	52	U	52	58.6	230	ug/Kg
50-32-8	Benzo(a)pyrene	44	U	44	58.6	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	43	U	43	58.6	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	39	U	39	58.6	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	58.6	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	58.6	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.702		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	15.123		20-120		38	SPK: -40
4165-62-2	Phenol-d5	21.373		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.766		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.671		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	22.184		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	25.208		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.111		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.707		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.239		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.215		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	26.861		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.128		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	27.843		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN5	SDG No.:	BP070124
Lab Sample ID:	P2871-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.7
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
BP020723.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.789		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	28.105		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	25.685		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.842		10-140		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	197683	7.734				
1146-65-2	Naphthalene-d8	751808	10.51				
15067-26-2	Acenaphthene-d10	435284	14.375				
1517-22-2	Phenanthrene-d10	794502	17.192				
1719-03-5	Chrysene-d12	763231	21.639				
1520-96-3	Perylene-d12	919362	24.998				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	160	J			3.54	
000770-35-4	1-Phenoxypropan-2-ol	160	J			11.251	
000057-10-3	n-Hexadecanoic acid	310	J			18.122	
000057-11-4	Octadecanoic acid	120	J			19.463	
000506-51-4	n-Tetracosanol-1	470	J			21.304	
015594-90-8	1-Heneicosanol	430	J			22.563	
E966796	Total Alkanes	33	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B54	SDG No.:	BP070124
Lab Sample ID:	P2871-23	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
BP020724.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.6	87	ug/Kg
110-86-1	Pyridine	43	U	43	220	430	ug/Kg
100-52-7	Benzaldehyde	59	U	59	110	430	ug/Kg
108-95-2	Phenol	56	U	56	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	52	U	52	110	430	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	55.5	220	ug/Kg
95-48-7	2-Methylphenol	51	U	51	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	78	U	78	110	430	ug/Kg
98-86-2	Acetophenone	52	U	52	110	430	ug/Kg
106-44-5	4-Methylphenol	48	U	48	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	67	U	67	55.5	220	ug/Kg
67-72-1	Hexachloroethane	24	U	24	55.5	220	ug/Kg
98-95-3	Nitrobenzene	40	U	40	55.5	220	ug/Kg
78-59-1	Isophorone	63	U	63	55.5	220	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	55.5	220	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	55.5	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	56	U	56	55.5	220	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	55.5	220	ug/Kg
91-20-3	Naphthalene	58	J	33	55.5	220	ug/Kg
106-47-8	4-Chloroaniline	31	U	31	55.5	430	ug/Kg
87-68-3	Hexachlorobutadiene	57	U	57	55.5	220	ug/Kg
105-60-2	Caprolactam	94	U	94	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	64	U	64	55.5	220	ug/Kg
90-12-0	1-Methylnaphthalene	43	U	43	55.5	220	ug/Kg
91-57-6	2-Methylnaphthalene	30	U	30	55.5	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	64	U	64	55.5	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	55.5	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B54	SDG No.:	BP070124
Lab Sample ID:	P2871-23	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
BP020724.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	55.5	220	ug/Kg
91-58-7	2-Chloronaphthalene	34	U	34	55.5	220	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	55.5	220	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	55.5	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	57	U	57	55.5	220	ug/Kg
208-96-8	Acenaphthylene	42	U	42	55.5	220	ug/Kg
99-09-2	3-Nitroaniline	57	U	57	110	430	ug/Kg
83-32-9	Acenaphthene	96	J	38	55.5	220	ug/Kg
51-28-5	2,4-Dinitrophenol	63	U	63	110	430	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	430	ug/Kg
132-64-9	Dibenzofuran	88	J	42	55.5	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56	U	56	55.5	220	ug/Kg
84-66-2	Diethylphthalate	39	U	39	55.5	220	ug/Kg
86-73-7	Fluorene	130	J	33	55.5	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	55.5	220	ug/Kg
100-01-6	4-Nitroaniline	40	U	40	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	43	U	43	55.5	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	31	U	31	55.5	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	38	U	38	55.5	220	ug/Kg
118-74-1	Hexachlorobenzene	42	U	42	55.5	220	ug/Kg
1912-24-9	Atrazine	93	U	93	110	430	ug/Kg
87-86-5	Pentachlorophenol	97	U	97	110	430	ug/Kg
85-01-8	Phenanthrene	1200		38	55.5	220	ug/Kg
608-93-5	Pentachlorobenzene	68	U	68	55.5	220	ug/Kg
120-12-7	Anthracene	300		33	55.5	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	65	U	65	55.5	220	ug/Kg
86-74-8	Carbazole	140	J	37	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	80	U	80	55.5	220	ug/Kg
206-44-0	Fluoranthene	1200		71	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B54	SDG No.:	BP070124
Lab Sample ID:	P2871-23	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
BP020724.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	760		64	55.5	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	55.5	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	520		35	55.5	220	ug/Kg
218-01-9	Chrysene	500		40	55.5	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	55.5	220	ug/Kg
117-84-0	Di-n-octyl phthalate	99	U	99	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	520		43	55.5	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	200	J	50	55.5	220	ug/Kg
50-32-8	Benzo(a)pyrene	230		42	55.5	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	40	55.5	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	66	J	37	55.5	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	55.5	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	55.5	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.77		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	5.19	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	26.595		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.1		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.51		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	25.391		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	30.525		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.494		10-120		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.846		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.611		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.17		10-145		80	SPK: -40
93951-97-4	Acenaphthylene-d8	29.115		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.854		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	30.456		20-140		76	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B54	SDG No.:	BP070124
Lab Sample ID:	P2871-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.7
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
BP020724.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.426		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	29.662		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	25.978		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.384		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	200434	7.734				
1146-65-2	Naphthalene-d8	789263	10.51				
15067-26-2	Acenaphthene-d10	477953	14.375				
1517-22-2	Phenanthrene-d10	840594	17.181				
1719-03-5	Chrysene-d12	697078	21.645				
1520-96-3	Perylene-d12	862206	25.01				
TENTATIVE IDENTIFIED COMPOUNDS							
001569-50-2	3-Penten-2-ol	87	J			3.058	
000057-55-6	Propylene Glycol	100	J			3.54	
000075-76-3	Silane, tetramethyl-	210	J			4.893	
000770-35-4	1-Phenoxypropan-2-ol	150	J			11.252	
002051-60-7	1,1-Biphenyl, 2-chloro-	130	J			14.504	
013029-08-8	1,1-Biphenyl, 2,2-dichloro-	400	J			15.651	
016605-91-7	1,1-Biphenyl, 2,3-dichloro-	190	J			16.281	
033284-50-3	1,1-Biphenyl, 2,4-dichloro-	270	J			16.392	
037680-65-2	1,1-Biphenyl, 2,2,5-trichloro-	130	J			16.704	
000132-65-0	Dibenzothiophene	92	J			16.998	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	220	J			17.057	
038444-84-7	1,1-Biphenyl, 2,3,3-trichloro-	220	J			17.804	
000613-12-7	Anthracene, 2-methyl-	180	J			18.092	
000832-69-9	Phenanthrene, 1-methyl-	490	J			18.134	
	unknown-01	340	J			18.298	
000612-94-2	Naphthalene, 2-phenyl-	91	J			18.616	
005737-13-3	Cyclopenta(def)phenanthrenone	89	J			19.198	

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B54	SDG No.:	BP070124
Lab Sample ID:	P2871-23	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
BP020724.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000243-17-4	11H-Benzo[b]fluorene	88	J			20.216	
	unknown-02	140	J			21.316	
E966796	Total Alkanes	31	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CJ2	SDG No.:	BP070124
Lab Sample ID:	P2871-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
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
BP020725.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.9	80	ug/Kg
100-52-7	Benzaldehyde	54	U	54	98.7	390	ug/Kg
110-86-1	Pyridine	39	U	39	200	390	ug/Kg
108-95-2	Phenol	51	U	51	98.7	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	98.7	390	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	50.9	200	ug/Kg
95-48-7	2-Methylphenol	47	U	47	98.7	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72	U	72	98.7	390	ug/Kg
98-86-2	Acetophenone	48	U	48	98.7	390	ug/Kg
106-44-5	4-Methylphenol	44	U	44	98.7	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	61	U	61	50.9	200	ug/Kg
67-72-1	Hexachloroethane	22	U	22	50.9	200	ug/Kg
98-95-3	Nitrobenzene	37	U	37	50.9	200	ug/Kg
78-59-1	Isophorone	57	U	57	50.9	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	50.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	50.9	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	50.9	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	50.9	200	ug/Kg
91-20-3	Naphthalene	30	U	30	50.9	200	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	50.9	390	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	50.9	200	ug/Kg
105-60-2	Caprolactam	86	U	86	98.7	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	59	50.9	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	50.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	50.9	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	98.7	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	50.9	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	50.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CJ2	SDG No.:	BP070124
Lab Sample ID:	P2871-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
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
BP020725.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	50.9	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	50.9	200	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	50.9	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	50.9	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	50.9	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	50.9	200	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	98.7	390	ug/Kg
83-32-9	Acenaphthene	35	U	35	50.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	57	U	57	98.7	390	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	98.7	390	ug/Kg
132-64-9	Dibenzofuran	38	U	38	50.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	51	50.9	200	ug/Kg
84-66-2	Diethylphthalate	36	U	36	50.9	200	ug/Kg
86-73-7	Fluorene	30	U	30	50.9	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.9	200	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	98.7	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	92	U	92	98.7	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	50.9	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	50.9	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	50.9	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	50.9	200	ug/Kg
1912-24-9	Atrazine	85	U	85	98.7	390	ug/Kg
87-86-5	Pentachlorophenol	89	U	89	98.7	390	ug/Kg
85-01-8	Phenanthrene	35	U	35	50.9	200	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	50.9	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.9	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	60	U	60	50.9	200	ug/Kg
86-74-8	Carbazole	34	U	34	98.7	390	ug/Kg
84-74-2	Di-n-butylphthalate	73	U	73	50.9	200	ug/Kg
206-44-0	Fluoranthene	65	U	65	98.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CJ2	SDG No.:	BP070124
Lab Sample ID:	P2871-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
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
BP020725.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	59	U	59	50.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	50.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	98.7	390	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	50.9	200	ug/Kg
218-01-9	Chrysene	37	U	37	50.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	50.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	91	U	91	98.7	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	39	50.9	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	50.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	50.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	50.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	50.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	50.9	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.67		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	18.595		20-120		46	SPK: -40
4165-62-2	Phenol-d5	22.731		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.141		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.827		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	23.976		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	24.68		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.674		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.999		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.706		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.312		10-145		71	SPK: -40
93951-97-4	Acenaphthylene-d8	25.309		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.019		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	27.656		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CJ2	SDG No.:	BP070124
Lab Sample ID:	P2871-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
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
BP020725.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.616		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	27.742		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	30.469		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.927		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	204763	7.745				
1146-65-2	Naphthalene-d8	863522	10.516				
15067-26-2	Acenaphthene-d10	570800	14.374				
1517-22-2	Phenanthrene-d10	1081541	17.186				
1719-03-5	Chrysene-d12	737524	21.639				
1520-96-3	Perylene-d12	855997	25.009				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	110	J			3.54	
000770-35-4	1-Phenoxypropan-2-ol	180	J			11.257	
000057-10-3	n-Hexadecanoic acid	200	J			18.121	
000057-11-4	Octadecanoic acid	88	J			19.451	
002425-77-6	1-Decanol, 2-hexyl-	190	J			21.315	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN3	SDG No.:	BP070124
Lab Sample ID:	P2871-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.6
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
BP020726.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.2	73	ug/Kg
100-52-7	Benzaldehyde	49	U	49	90.3	360	ug/Kg
110-86-1	Pyridine	36	U	36	180	360	ug/Kg
108-95-2	Phenol	47	U	47	90.3	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	90.3	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	46.5	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	90.3	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66	U	66	90.3	360	ug/Kg
98-86-2	Acetophenone	44	U	44	90.3	360	ug/Kg
106-44-5	4-Methylphenol	40	U	40	90.3	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	56	U	56	46.5	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	46.5	190	ug/Kg
98-95-3	Nitrobenzene	34	U	34	46.5	190	ug/Kg
78-59-1	Isophorone	53	U	53	46.5	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	46.5	190	ug/Kg
105-67-9	2,4-Dimethylphenol	27	U	27	46.5	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	46.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	46.5	190	ug/Kg
91-20-3	Naphthalene	27	U	27	46.5	190	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	46.5	360	ug/Kg
87-68-3	Hexachlorobutadiene	48	U	48	46.5	190	ug/Kg
105-60-2	Caprolactam	79	U	79	90.3	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	46.5	190	ug/Kg
90-12-0	1-Methylnaphthalene	36	U	36	46.5	190	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	46.5	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	90.3	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	46.5	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	46.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN3	SDG No.:	BP070124
Lab Sample ID:	P2871-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.6
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
BP020726.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	46.5	190	ug/Kg
91-58-7	2-Chloronaphthalene	28	U	28	46.5	190	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	46.5	190	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	46.5	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	48	U	48	46.5	190	ug/Kg
208-96-8	Acenaphthylene	35	U	35	46.5	190	ug/Kg
99-09-2	3-Nitroaniline	48	U	48	90.3	360	ug/Kg
83-32-9	Acenaphthene	32	U	32	46.5	190	ug/Kg
51-28-5	2,4-Dinitrophenol	53	U	53	90.3	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	90.3	360	ug/Kg
132-64-9	Dibenzofuran	35	U	35	46.5	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	46.5	190	ug/Kg
84-66-2	Diethylphthalate	33	U	33	46.5	190	ug/Kg
86-73-7	Fluorene	27	U	27	46.5	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.5	190	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	90.3	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	84	U	84	90.3	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	36	U	36	46.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	46.5	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	46.5	190	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	46.5	190	ug/Kg
1912-24-9	Atrazine	78	U	78	90.3	360	ug/Kg
87-86-5	Pentachlorophenol	81	U	81	90.3	360	ug/Kg
85-01-8	Phenanthrene	32	U	32	46.5	190	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	46.5	190	ug/Kg
120-12-7	Anthracene	27	U	27	46.5	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	55	U	55	46.5	190	ug/Kg
86-74-8	Carbazole	31	U	31	90.3	360	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	46.5	190	ug/Kg
206-44-0	Fluoranthene	59	U	59	90.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN3	SDG No.:	BP070124
Lab Sample ID:	P2871-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.6
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
BP020726.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	46.5	190	ug/Kg
85-68-7	Butylbenzylphthalate	92	U	92	46.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	53	U	53	90.3	360	ug/Kg
56-55-3	Benzo(a)anthracene	30	U	30	46.5	190	ug/Kg
218-01-9	Chrysene	34	U	34	46.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	46.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	83	U	83	90.3	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	36	U	36	46.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	46.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	46.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	46.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	46.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	28	46.5	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	46.5	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.587		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	12.834		20-120		32	SPK: -40
4165-62-2	Phenol-d5	16.428		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.91		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.867		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	15.116		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	18.196		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.986		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.783		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.599		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.193		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	22.643		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.454		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	25.455		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN3	SDG No.:	BP070124
Lab Sample ID:	P2871-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.6
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
BP020726.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.985		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	26.064		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	26.77		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.719		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	206813	7.746				
1146-65-2	Naphthalene-d8	839822	10.51				
15067-26-2	Acenaphthene-d10	530376	14.375				
1517-22-2	Phenanthrene-d10	981066	17.186				
1719-03-5	Chrysene-d12	763629	21.639				
1520-96-3	Perylene-d12	884670	24.992				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	87	J			11.251	
000057-10-3	n-Hexadecanoic acid	190	J			18.122	
	(DEL) Alkane: Straight-Chain	21.310	J			21.31	
E966796	Total Alkanes	99				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN6	SDG No.:	BP070124
Lab Sample ID:	P2871-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020727.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8	81	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	52	U	52	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	51.8	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73	U	73	100	400	ug/Kg
98-86-2	Acetophenone	49	U	49	100	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	51.8	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51.8	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	51.8	210	ug/Kg
78-59-1	Isophorone	58	U	58	51.8	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	51.8	210	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51.8	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51.8	210	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	51.8	210	ug/Kg
91-20-3	Naphthalene	30	U	30	51.8	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51.8	400	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	51.8	210	ug/Kg
105-60-2	Caprolactam	88	U	88	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	51.8	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51.8	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51.8	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	51.8	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	51.8	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN6	SDG No.:	BP070124
Lab Sample ID:	P2871-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
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
BP020727.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51.8	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	51.8	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	51.8	210	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51.8	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	51.8	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	51.8	210	ug/Kg
99-09-2	3-Nitroaniline	54	U	54	100	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51.8	210	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	100	400	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	51.8	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51.8	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	51.8	210	ug/Kg
86-73-7	Fluorene	30	U	30	51.8	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.8	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	94	U	94	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51.8	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51.8	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51.8	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	51.8	210	ug/Kg
1912-24-9	Atrazine	86	U	86	100	400	ug/Kg
87-86-5	Pentachlorophenol	90	U	90	100	400	ug/Kg
85-01-8	Phenanthrene	35	U	35	51.8	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	51.8	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.8	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	51.8	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	51.8	210	ug/Kg
206-44-0	Fluoranthene	66	U	66	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN6	SDG No.:	BP070124
Lab Sample ID:	P2871-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020727.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60	U	60	51.8	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51.8	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	51.8	210	ug/Kg
218-01-9	Chrysene	38	U	38	51.8	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51.8	210	ug/Kg
117-84-0	Di-n-octyl phthalate	93	U	93	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	51.8	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.8	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	51.8	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	51.8	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51.8	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	51.8	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51.8	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.8		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	16.454		20-120		41	SPK: -40
4165-62-2	Phenol-d5	20.835		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.453		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.582		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	21.292		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	25.136		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.504		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.694		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.793		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.856		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	26.563		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.083		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	27.049		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN6	SDG No.:	BP070124
Lab Sample ID:	P2871-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020727.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.334		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	27.914		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	24.591		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.48		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	204548	7.74				
1146-65-2	Naphthalene-d8	755132	10.504				
15067-26-2	Acenaphthene-d10	422384	14.369				
1517-22-2	Phenanthrene-d10	814508	17.181				
1719-03-5	Chrysene-d12	831799	21.645				
1520-96-3	Perylene-d12	976620	25.004				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	180	J			3.54	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	110	J			7.346	
000770-35-4	1-Phenoxypropan-2-ol	180	J			11.252	
000057-10-3	n-Hexadecanoic acid	170	J			18.116	
	(DEL) Alkane: Straight-Chain	290	J			21.31	
E966796	Total Alkanes	290				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN4	SDG No.:	BP070124
Lab Sample ID:	P2871-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.7
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
BP020728.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	10.4	110	ug/Kg
100-52-7	Benzaldehyde	71	U	71	130	520	ug/Kg
110-86-1	Pyridine	52	U	52	260	520	ug/Kg
108-95-2	Phenol	68	U	68	130	520	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	63	U	63	130	520	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	67.1	270	ug/Kg
95-48-7	2-Methylphenol	62	U	62	130	520	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	95	U	95	130	520	ug/Kg
98-86-2	Acetophenone	63	U	63	130	520	ug/Kg
106-44-5	4-Methylphenol	58	U	58	130	520	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	81	U	81	67.1	270	ug/Kg
67-72-1	Hexachloroethane	28	U	28	67.1	270	ug/Kg
98-95-3	Nitrobenzene	49	U	49	67.1	270	ug/Kg
78-59-1	Isophorone	76	U	76	67.1	270	ug/Kg
88-75-5	2-Nitrophenol	49	U	49	67.1	270	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	67.1	270	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	68	U	68	67.1	270	ug/Kg
120-83-2	2,4-Dichlorophenol	25	U	25	67.1	270	ug/Kg
91-20-3	Naphthalene	39	U	39	67.1	270	ug/Kg
106-47-8	4-Chloroaniline	38	U	38	67.1	520	ug/Kg
87-68-3	Hexachlorobutadiene	70	U	70	67.1	270	ug/Kg
105-60-2	Caprolactam	110	U	110	130	520	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77	U	77	67.1	270	ug/Kg
90-12-0	1-Methylnaphthalene	52	U	52	67.1	270	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	67.1	270	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	130	520	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77	U	77	67.1	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	62	U	62	67.1	270	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN4	SDG No.:	BP070124
Lab Sample ID:	P2871-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.7
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
BP020728.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	38	U	38	67.1	270	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	67.1	270	ug/Kg
88-74-4	2-Nitroaniline	65	U	65	67.1	270	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	67.1	270	ug/Kg
606-20-2	2,6-Dinitrotoluene	70	U	70	67.1	270	ug/Kg
208-96-8	Acenaphthylene	51	U	51	67.1	270	ug/Kg
99-09-2	3-Nitroaniline	70	U	70	130	520	ug/Kg
83-32-9	Acenaphthene	46	U	46	67.1	270	ug/Kg
51-28-5	2,4-Dinitrophenol	76	U	76	130	520	ug/Kg
100-02-7	4-Nitrophenol	70	U	70	130	520	ug/Kg
132-64-9	Dibenzofuran	51	U	51	67.1	270	ug/Kg
121-14-2	2,4-Dinitrotoluene	68	U	68	67.1	270	ug/Kg
84-66-2	Diethylphthalate	47	U	47	67.1	270	ug/Kg
86-73-7	Fluorene	39	U	39	67.1	270	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	32	U	32	67.1	270	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	130	520	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	130	520	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	67.1	270	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	67.1	270	ug/Kg
101-55-3	4-Bromophenyl-phenylether	46	U	46	67.1	270	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	67.1	270	ug/Kg
1912-24-9	Atrazine	110	U	110	130	520	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	130	520	ug/Kg
85-01-8	Phenanthrene	180	J	46	67.1	270	ug/Kg
608-93-5	Pentachlorobenzene	82	U	82	67.1	270	ug/Kg
120-12-7	Anthracene	39	U	39	67.1	270	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	79	U	79	67.1	270	ug/Kg
86-74-8	Carbazole	44	U	44	130	520	ug/Kg
84-74-2	Di-n-butylphthalate	96	U	96	67.1	270	ug/Kg
206-44-0	Fluoranthene	440		85	130	270	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN4	SDG No.:	BP070124
Lab Sample ID:	P2871-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.7
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
BP020728.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	310		77	67.1	270	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	67.1	270	ug/Kg
91-94-1	3,3-Dichlorobenzidine	76	U	76	130	520	ug/Kg
56-55-3	Benzo(a)anthracene	170	J	43	67.1	270	ug/Kg
218-01-9	Chrysene	190	J	49	67.1	270	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	67.1	270	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	130	520	ug/Kg
205-99-2	Benzo(b)fluoranthene	260	J	52	67.1	270	ug/Kg
207-08-9	Benzo(k)fluoranthene	90	J	60	67.1	270	ug/Kg
50-32-8	Benzo(a)pyrene	100	J	51	67.1	270	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	84	J	49	67.1	270	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	67.1	270	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	67.1	270	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	67.1	270	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.81		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	4.701	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	23.715		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.761		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.672		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	21.751		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	25.697		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.978		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.246		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.485		1-145		19	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.515		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	24.489		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.998		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	25.964		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN4	SDG No.:	BP070124
Lab Sample ID:	P2871-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.7
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
BP020728.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.205		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	24.175		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	26.342		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.332		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	236856	7.74				
1146-65-2	Naphthalene-d8	1013036	10.51				
15067-26-2	Acenaphthene-d10	682558	14.375				
1517-22-2	Phenanthrene-d10	1430065	17.186				
1719-03-5	Chrysene-d12	932148	21.645				
1520-96-3	Perylene-d12	1020305	25.004				
TENTATIVE IDENTIFIED COMPOUNDS							
000067-63-0	Isopropyl Alcohol	130	J			3.54	
	unknown-01	240	J			4.899	
000770-35-4	1-Phenoxypropan-2-ol	210	J			11.257	
000057-10-3	n-Hexadecanoic acid	510	J			18.133	
000057-11-4	Octadecanoic acid	230	J			19.457	
1000406-04-8	Pentadecafluorooctanoic acid, octa	720	J			21.316	
002004-39-9	1-Heptacosanol	1100	J			22.574	
057878-00-9	Dotriacontanal	320	J			23.633	
	(DEL) Alkane: Straight-Chain24.133	2000	J			24.133	
	(DEL) Alkane: Straight-Chain24.210	640	J			24.21	
057866-08-7	Tetracosanal	440	J			25.704	
	(DEL) Alkane: Straight-Chain26.357	1100	J			26.357	
E966796	Total Alkanes	3700				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	C0SL3DL	SDG No.:	BP070124
Lab Sample ID:	P2897-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
Sample Wt/Vol:	1.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020729.D	10	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3100	U	3100	2300	23000	ug/Kg
100-52-7	Benzaldehyde	16000	U	16000	28200	110000	ug/Kg
110-86-1	Pyridine	19000	U	19000	56300	110000	ug/Kg
108-95-2	Phenol	14000	U	14000	28200	110000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	13000	U	13000	28200	110000	ug/Kg
95-57-8	2-Chlorophenol	8900	U	8900	14500	57000	ug/Kg
95-48-7	2-Methylphenol	9900	U	9900	28200	110000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	23000	U	23000	28200	110000	ug/Kg
98-86-2	Acetophenone	11000	U	11000	28200	110000	ug/Kg
106-44-5	4-Methylphenol	9700	U	9700	28200	110000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	19000	U	19000	14500	57000	ug/Kg
67-72-1	Hexachloroethane	5500	U	5500	14500	57000	ug/Kg
98-95-3	Nitrobenzene	11000	U	11000	14500	57000	ug/Kg
78-59-1	Isophorone	13000	U	13000	14500	57000	ug/Kg
88-75-5	2-Nitrophenol	8000	U	8000	14500	57000	ug/Kg
105-67-9	2,4-Dimethylphenol	8100	U	8100	14500	57000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	15000	U	15000	14500	57000	ug/Kg
120-83-2	2,4-Dichlorophenol	7300	U	7300	14500	57000	ug/Kg
91-20-3	Naphthalene	440000	D	8000	14500	57000	ug/Kg
106-47-8	4-Chloroaniline	6400	U	6400	14500	110000	ug/Kg
87-68-3	Hexachlorobutadiene	16000	U	16000	14500	57000	ug/Kg
105-60-2	Caprolactam	32000	U	32000	28200	110000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	15000	U	15000	14500	57000	ug/Kg
90-12-0	1-Methylnaphthalene	150000	D	14000	14500	57000	ug/Kg
91-57-6	2-Methylnaphthalene	260000	D	7300	14500	57000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	31000	U	31000	28200	110000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	14000	U	14000	14500	57000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	8600	U	8600	14500	57000	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	C0SL3DL	SDG No.:	BP070124
Lab Sample ID:	P2897-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
Sample Wt/Vol:	1.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020729.D	10	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27000	JD	8000	14500	57000	ug/Kg
91-58-7	2-Chloronaphthalene	8000	U	8000	14500	57000	ug/Kg
88-74-4	2-Nitroaniline	18000	U	18000	14500	57000	ug/Kg
131-11-3	Dimethylphthalate	8300	U	8300	14500	57000	ug/Kg
606-20-2	2,6-Dinitrotoluene	15000	U	15000	14500	57000	ug/Kg
208-96-8	Acenaphthylene	72000	D	9000	14500	57000	ug/Kg
99-09-2	3-Nitroaniline	9700	U	9700	28200	110000	ug/Kg
83-32-9	Acenaphthene	9300	U	9300	14500	57000	ug/Kg
51-28-5	2,4-Dinitrophenol	33000	U	33000	28200	110000	ug/Kg
100-02-7	4-Nitrophenol	13000	U	13000	28200	110000	ug/Kg
132-64-9	Dibenzofuran	8200	U	8200	14500	57000	ug/Kg
121-14-2	2,4-Dinitrotoluene	11000	U	11000	14500	57000	ug/Kg
84-66-2	Diethylphthalate	9300	U	9300	14500	57000	ug/Kg
86-73-7	Fluorene	71000	D	8100	14500	57000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	8100	U	8100	14500	57000	ug/Kg
100-01-6	4-Nitroaniline	8800	U	8800	28200	110000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	25000	U	25000	28200	110000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	8300	U	8300	14500	57000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	7300	U	7300	14500	57000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	8100	U	8100	14500	57000	ug/Kg
118-74-1	Hexachlorobenzene	9200	U	9200	14500	57000	ug/Kg
1912-24-9	Atrazine	23000	U	23000	28200	110000	ug/Kg
87-86-5	Pentachlorophenol	20000	U	20000	28200	110000	ug/Kg
85-01-8	Phenanthrene	240000	D	9600	14500	57000	ug/Kg
608-93-5	Pentachlorobenzene	18000	U	18000	14500	57000	ug/Kg
120-12-7	Anthracene	56000	JD	7700	14500	57000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19000	U	19000	14500	57000	ug/Kg
86-74-8	Carbazole	6900	U	6900	28200	110000	ug/Kg
84-74-2	Di-n-butylphthalate	17000	U	17000	14500	57000	ug/Kg
206-44-0	Fluoranthene	80000	D	16000	28200	57000	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	C0SL3DL	SDG No.:	BP070124
Lab Sample ID:	P2897-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
Sample Wt/Vol:	1.06	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
Extraction Type :		Test:	
		Level :	MED
Injection Volume :		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020729.D	10	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	93000	D	13000	14500	57000	ug/Kg
85-68-7	Butylbenzylphthalate	27000	U	27000	14500	57000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	18000	U	18000	28200	110000	ug/Kg
56-55-3	Benzo(a)anthracene	43000	JD	6300	14500	57000	ug/Kg
218-01-9	Chrysene	37000	JD	8900	14500	57000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30000	U	30000	14500	57000	ug/Kg
117-84-0	Di-n-octyl phthalate	31000	U	31000	28200	110000	ug/Kg
205-99-2	Benzo(b)fluoranthene	26000	JD	13000	14500	57000	ug/Kg
207-08-9	Benzo(k)fluoranthene	8800	U	8800	14500	57000	ug/Kg
50-32-8	Benzo(a)pyrene	17000	JD	13000	14500	57000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	10000	U	10000	14500	57000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	8800	U	8800	14500	57000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	10000	U	10000	14500	57000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	11000	U	11000	14500	57000	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5		U	20-120		0	SPK: -40
17647-74-4	1,4-Dioxane-d8	6.02		15-120		75	SPK: -8
4165-62-2	Phenol-d5	27.66		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.86		10-150		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.46		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	17.23		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	30.43		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.66		10-120		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.05		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.1		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.6		10-145		89	SPK: -40
93951-97-4	Acenaphthylene-d8	32.56		15-120		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.32		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	35.68		20-140		89	SPK: -40

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	C0SL3DL	SDG No.:	BP070124
Lab Sample ID:	P2897-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
Sample Wt/Vol:	1.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020729.D	10	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2		U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	34.86		10-150		87	SPK: -40
1718-52-1	Pyrene-d10	29.77		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.25		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	226640	7.74				
1146-65-2	Naphthalene-d8	934955	10.51				
15067-26-2	Acenaphthene-d10	599030	14.369				
1517-22-2	Phenanthrene-d10	1143064	17.181				
1719-03-5	Chrysene-d12	882698	21.633				
1520-96-3	Perylene-d12	1067931	24.998				
TENTATIVE IDENTIFIED COMPOUNDS							
000611-15-4	Benzene, 1-ethenyl-2-methyl-	62000	JD			7.393	
000095-13-6	Indene	41000	JD			8.269	
002177-47-1	2-Methylindene	28000	JD			9.94	
000767-59-9	1H-Indene, 1-methyl-	23000	JD			10.01	
000571-61-9	Naphthalene, 1,5-dimethyl-	29000	JD			13.522	
000581-40-8	Naphthalene, 2,3-dimethyl-	61000	JD			13.687	
000575-43-9	Naphthalene, 1,6-dimethyl-	24000	JD			13.916	
001430-97-3	9H-Fluorene, 2-methyl-	25000	JD			16.469	
000132-65-0	Dibenzothiophene	28000	JD			16.992	
002531-84-2	Phenanthrene, 2-methyl-	46000	JD			18.092	
000832-69-9	Phenanthrene, 1-methyl-	51000	JD			18.139	
000203-64-5	4H-Cyclopenta[def]phenanthrene	70000	JD			18.298	
006109-24-6	1a,9b-Dihydro-1H-cyclopropa[a]anth	27000	JD			18.339	
000781-43-1	9,10-Dimethylanthracene	26000	JD			19.051	
	unknown-01	25000	JD			19.48	
E966796	Total Alkanes	8000	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP9DL	SDG No.:	BP070124
Lab Sample ID:	P2934-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.2
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
BP020730.D	5	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161583

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	83	U	83	50	500	ug/Kg
100-52-7	Benzaldehyde	340	U	340	620	2500	ug/Kg
110-86-1	Pyridine	250	U	250	1200	2500	ug/Kg
108-95-2	Phenol	330	U	330	620	2500	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	300	U	300	620	2500	ug/Kg
95-57-8	2-Chlorophenol	170	U	170	320	1300	ug/Kg
95-48-7	2-Methylphenol	300	U	300	620	2500	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	450	U	450	620	2500	ug/Kg
98-86-2	Acetophenone	300	U	300	620	2500	ug/Kg
106-44-5	4-Methylphenol	280	U	280	620	2500	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	390	U	390	320	1300	ug/Kg
67-72-1	Hexachloroethane	140	U	140	320	1300	ug/Kg
98-95-3	Nitrobenzene	230	U	230	320	1300	ug/Kg
78-59-1	Isophorone	360	U	360	320	1300	ug/Kg
88-75-5	2-Nitrophenol	230	U	230	320	1300	ug/Kg
105-67-9	2,4-Dimethylphenol	190	U	190	320	1300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	330	U	330	320	1300	ug/Kg
120-83-2	2,4-Dichlorophenol	120	U	120	320	1300	ug/Kg
91-20-3	Naphthalene	190	U	190	320	1300	ug/Kg
106-47-8	4-Chloroaniline	180	U	180	320	2500	ug/Kg
87-68-3	Hexachlorobutadiene	330	U	330	320	1300	ug/Kg
105-60-2	Caprolactam	550	U	550	620	2500	ug/Kg
59-50-7	4-Chloro-3-methylphenol	370	U	370	320	1300	ug/Kg
90-12-0	1-Methylnaphthalene	250	U	250	320	1300	ug/Kg
91-57-6	2-Methylnaphthalene	170	U	170	320	1300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	720	U	720	620	2500	ug/Kg
88-06-2	2,4,6-Trichlorophenol	370	U	370	320	1300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	300	U	300	320	1300	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP9DL	SDG No.:	BP070124
Lab Sample ID:	P2934-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.2
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
BP020730.D	5	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161583

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	180	U	180	320	1300	ug/Kg
91-58-7	2-Chloronaphthalene	200	U	200	320	1300	ug/Kg
88-74-4	2-Nitroaniline	310	U	310	320	1300	ug/Kg
131-11-3	Dimethylphthalate	220	U	220	320	1300	ug/Kg
606-20-2	2,6-Dinitrotoluene	330	U	330	320	1300	ug/Kg
208-96-8	Acenaphthylene	240	U	240	320	1300	ug/Kg
99-09-2	3-Nitroaniline	330	U	330	620	2500	ug/Kg
83-32-9	Acenaphthene	220	U	220	320	1300	ug/Kg
51-28-5	2,4-Dinitrophenol	360	U	360	620	2500	ug/Kg
100-02-7	4-Nitrophenol	330	U	330	620	2500	ug/Kg
132-64-9	Dibenzofuran	240	U	240	320	1300	ug/Kg
121-14-2	2,4-Dinitrotoluene	330	U	330	320	1300	ug/Kg
84-66-2	Diethylphthalate	230	U	230	320	1300	ug/Kg
86-73-7	Fluorene	190	U	190	320	1300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	150	U	150	320	1300	ug/Kg
100-01-6	4-Nitroaniline	230	U	230	620	2500	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	580	U	580	620	2500	ug/Kg
86-30-6	N-Nitrosodiphenylamine	250	U	250	320	1300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	180	U	180	320	1300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	220	U	220	320	1300	ug/Kg
118-74-1	Hexachlorobenzene	240	U	240	320	1300	ug/Kg
1912-24-9	Atrazine	540	U	540	620	2500	ug/Kg
87-86-5	Pentachlorophenol	560	U	560	620	2500	ug/Kg
85-01-8	Phenanthrene	1200	JD	220	320	1300	ug/Kg
608-93-5	Pentachlorobenzene	390	U	390	320	1300	ug/Kg
120-12-7	Anthracene	190	U	190	320	1300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	380	U	380	320	1300	ug/Kg
86-74-8	Carbazole	210	U	210	620	2500	ug/Kg
84-74-2	Di-n-butylphthalate	460	U	460	320	1300	ug/Kg
206-44-0	Fluoranthene	1300	D	410	620	1300	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP9DL	SDG No.:	BP070124
Lab Sample ID:	P2934-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.2
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
BP020730.D	5	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161583

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	890	JD	370	320	1300	ug/Kg
85-68-7	Butylbenzylphthalate	640	U	640	320	1300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	360	U	360	620	2500	ug/Kg
56-55-3	Benzo(a)anthracene	510	JD	200	320	1300	ug/Kg
218-01-9	Chrysene	530	JD	230	320	1300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	5200	D	730	320	1300	ug/Kg
117-84-0	Di-n-octyl phthalate	580	U	580	620	2500	ug/Kg
205-99-2	Benzo(b)fluoranthene	630	JD	250	320	1300	ug/Kg
207-08-9	Benzo(k)fluoranthene	290	U	290	320	1300	ug/Kg
50-32-8	Benzo(a)pyrene	240	U	240	320	1300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230	U	230	320	1300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	210	U	210	320	1300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	200	U	200	320	1300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	250	320	1300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.02		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	3.41	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	22.05		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.135		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.745		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	20.82		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	25.3		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.63		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.39		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.63		1-145		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.285		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	24.685		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	27.24		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP9DL	SDG No.:	BP070124
Lab Sample ID:	P2934-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.2
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
BP020730.D	5	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161583

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.76		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	26.11		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	22.715		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.315		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	214179	7.74				
1146-65-2	Naphthalene-d8	889398	10.516				
15067-26-2	Acenaphthene-d10	555854	14.375				
1517-22-2	Phenanthrene-d10	1028419	17.186				
1719-03-5	Chrysene-d12	799470	21.633				
1520-96-3	Perylene-d12	973919	24.98				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3400	JD			3.011	
E966796	Total Alkanes	180	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T76	SDG No.:	BP070124
Lab Sample ID:	P2962-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
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
BP020731.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.3	73	ug/Kg
100-52-7	Benzaldehyde	50	U	50	90.9	360	ug/Kg
110-86-1	Pyridine	36	U	36	180	360	ug/Kg
108-95-2	Phenol	47	U	47	90.9	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	90.9	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	46.8	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	90.9	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66	U	66	90.9	360	ug/Kg
98-86-2	Acetophenone	44	U	44	90.9	360	ug/Kg
106-44-5	4-Methylphenol	41	U	41	90.9	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	56	U	56	46.8	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	46.8	190	ug/Kg
98-95-3	Nitrobenzene	34	U	34	46.8	190	ug/Kg
78-59-1	Isophorone	53	U	53	46.8	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	46.8	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	46.8	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	46.8	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	46.8	190	ug/Kg
91-20-3	Naphthalene	3700	E	28	46.8	190	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	46.8	360	ug/Kg
87-68-3	Hexachlorobutadiene	48	U	48	46.8	190	ug/Kg
105-60-2	Caprolactam	79	U	79	90.9	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	46.8	190	ug/Kg
90-12-0	1-Methylnaphthalene	240		36	46.8	190	ug/Kg
91-57-6	2-Methylnaphthalene	480		25	46.8	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	90.9	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	46.8	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	46.8	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T76	SDG No.:	BP070124
Lab Sample ID:	P2962-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
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
BP020731.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	46.8	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	46.8	190	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	46.8	190	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	46.8	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	48	U	48	46.8	190	ug/Kg
208-96-8	Acenaphthylene	35	U	35	46.8	190	ug/Kg
99-09-2	3-Nitroaniline	48	U	48	90.9	360	ug/Kg
83-32-9	Acenaphthene	32	U	32	46.8	190	ug/Kg
51-28-5	2,4-Dinitrophenol	53	U	53	90.9	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	90.9	360	ug/Kg
132-64-9	Dibenzofuran	35	U	35	46.8	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	46.8	190	ug/Kg
84-66-2	Diethylphthalate	33	U	33	46.8	190	ug/Kg
86-73-7	Fluorene	28	U	28	46.8	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.8	190	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	90.9	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	85	U	85	90.9	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	36	U	36	46.8	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	46.8	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	46.8	190	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	46.8	190	ug/Kg
1912-24-9	Atrazine	78	U	78	90.9	360	ug/Kg
87-86-5	Pentachlorophenol	81	U	81	90.9	360	ug/Kg
85-01-8	Phenanthrene	32	U	32	46.8	190	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	46.8	190	ug/Kg
120-12-7	Anthracene	28	U	28	46.8	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	55	U	55	46.8	190	ug/Kg
86-74-8	Carbazole	31	U	31	90.9	360	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	46.8	190	ug/Kg
206-44-0	Fluoranthene	59	U	59	90.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T76	SDG No.:	BP070124
Lab Sample ID:	P2962-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
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
BP020731.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	46.8	190	ug/Kg
85-68-7	Butylbenzylphthalate	93	U	93	46.8	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	53	U	53	90.9	360	ug/Kg
56-55-3	Benzo(a)anthracene	30	U	30	46.8	190	ug/Kg
218-01-9	Chrysene	34	U	34	46.8	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	46.8	190	ug/Kg
117-84-0	Di-n-octyl phthalate	84	U	84	90.9	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	36	U	36	46.8	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	46.8	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	46.8	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	46.8	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	46.8	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	46.8	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	46.8	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.293		15-120		91	SPK: -8
7291-22-7	Pyridine-d5	36.548		20-120		91	SPK: -40
4165-62-2	Phenol-d5	28.017		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	126.301	*	10-150		316	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.43		15-120		81	SPK: -40
190780-66-6	4-Methylphenol-d8	32.515		10-140		81	SPK: -40
4165-60-0	Nitrobenzene-d5	46.134		10-135		115	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.259		10-120		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.327		10-140		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	47.844		1-145		120	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.257		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	28.658		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.835		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	29.521		20-140		74	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T76	SDG No.:	BP070124
Lab Sample ID:	P2962-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
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
BP020731.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.35		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	29.02		10-150		73	SPK: -40
1718-52-1	Pyrene-d10	27.897		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.527		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	162251	7.763				
1146-65-2	Naphthalene-d8	981393	10.522				
15067-26-2	Acenaphthene-d10	650569	14.369				
1517-22-2	Phenanthrene-d10	1210026	17.186				
1719-03-5	Chrysene-d12	933550	21.633				
1520-96-3	Perylene-d12	1106391	24.98				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Cyclic4.99.	86	J			4.993	
	(DEL) Alkane: Cyclic5.228	180	J			5.228	
	(DEL) Alkane: Straight-Chain5.363	200	J			5.363	
	(DEL) Alkane: Cyclic5.581	89	J			5.581	
	(DEL) Alkane: Straight-Chain5.658	170	J			5.658	
	(DEL) Alkane: Cyclic5.734	210	J			5.734	
	(DEL) Alkane: Cyclic5.799	160	J			5.799	
	(DEL) Alkane: Cyclic5.863	100	J			5.863	
	(DEL) Alkane: Cyclic6.052	530	J			6.052	
	(DEL) Alkane: Straight-Chain6.169	270	J			6.169	
	unknown-01	490	J			6.269	
	(DEL) Alkane: Straight-Chain6.357	390	J			6.357	
	(DEL) Alkane: Cyclic6.428	790	J			6.428	
	(DEL) Alkane: Cyclic6.534	150	J			6.534	
	(DEL) Alkane: Cyclic6.593	200	J			6.593	
	(DEL) Alkane: Straight-Chain6.675	400	J			6.675	
000103-65-1	Benzene, propyl-	340	J			6.757	

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T76	SDG No.:	BP070124
Lab Sample ID:	P2962-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
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
BP020731.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
003282-53-9	(DEL) Alkane: Cyclic6.869	180	J			6.869	
	Cyclohexene, 1-butyl-	210	J			7.157	
	(DEL) Alkane: Cyclic7.193	140	J			7.193	
	(DEL) Alkane: Straight-Chain7.587	200	J			7.587	
	unknown-02	190	J			7.669	
000141-93-5	(DEL) Alkane: Straight-Chain7.846	300	J			7.846	
	Benzene, 1,3-diethyl-	590	J			7.899	
	(DEL) Alkane: Straight-Chain7.963	300	J			7.963	
	(DEL) Alkane: Straight-Chain8.034	170	J			8.034	
	(DEL) Alkane: Cyclic8.069	410	J			8.069	
1000309-68-3	Oxalic acid, cyclohexylmethyl isoh	200	J			8.116	
028357-23-5	Cyclohexanone, 3-methyl-2-(1-methy	110	J			8.204	
000135-01-3	Benzene, 1,2-diethyl-	140	J			8.257	
	(DEL) Alkane: Straight-Chain8.293	270	J			8.293	
	(DEL) Alkane: Straight-Chain8.351	150	J			8.351	
	(DEL) Alkane: Straight-Chain8.522	200	J			8.522	
	Naphthalene, decahydro-	300	J			8.604	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	110	J			8.699	
	unknown-03	350	J			9.099	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	2100	J			9.181	
	unknown-04	400	J			9.316	
018368-95-1	1,3,8-p-Menthatriene	1900	J			9.369	
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	1700	J			9.428	
002958-76-1	Naphthalene, decahydro-2-methyl-	1500	J			9.463	
1000152-47-3	trans-Decalin, 2-methyl-	1700	J			9.71	
	unknown-05	1100	J			9.775	
	(DEL) Alkane: Straight-Chain9.857	510	J			9.857	
	Benzene, 1-ethyl-3,5-dimethyl-	2400	J			9.934	
	Benzene, 1-methyl-4-(1-methylpropy	410	J			9.987	
001595-16-0	(DEL) Alkane: Straight-Chain10.046	320	J			10.046	

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T76	SDG No.:	BP070124
Lab Sample ID:	P2962-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
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
BP020731.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
002049-95-8	Benzene, (1,1-dimethylpropyl)-	520	J			10.222	
004920-99-4	Benzene, 1-ethyl-3-(1-methylethyl)	110	J			10.299	
	unknown-06	170	J			10.404	
004218-48-8	Benzene, 1-ethyl-4-(1-methylethyl)	200	J			10.728	
	(DEL) Alkane: Cyclic11.198	190	J			11.198	
	(DEL) Alkane: Straight-Chain11.416	130	J			11.416	
	(DEL) Alkane: Straight-Chain11.516	150	J			11.516	
E966796	Total Alkanes	7500				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T77	SDG No.:	BP070124
Lab Sample ID:	P2962-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
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
BP020732.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.6	76	ug/Kg
100-52-7	Benzaldehyde	52	U	52	94.6	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	49	U	49	94.6	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	94.6	380	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	48.7	190	ug/Kg
95-48-7	2-Methylphenol	45	U	45	94.6	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	69	U	69	94.6	380	ug/Kg
98-86-2	Acetophenone	46	U	46	94.6	380	ug/Kg
106-44-5	4-Methylphenol	42	U	42	94.6	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	58	U	58	48.7	190	ug/Kg
67-72-1	Hexachloroethane	21	U	21	48.7	190	ug/Kg
98-95-3	Nitrobenzene	36	U	36	48.7	190	ug/Kg
78-59-1	Isophorone	55	U	55	48.7	190	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	48.7	190	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	48.7	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	48.7	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	48.7	190	ug/Kg
91-20-3	Naphthalene	29	U	29	48.7	190	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	48.7	380	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	48.7	190	ug/Kg
105-60-2	Caprolactam	83	U	83	94.6	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	48.7	190	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	48.7	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	48.7	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.6	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	48.7	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	48.7	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T77	SDG No.:	BP070124
Lab Sample ID:	P2962-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
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
BP020732.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	48.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	48.7	190	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	48.7	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	48.7	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	50	48.7	190	ug/Kg
208-96-8	Acenaphthylene	37	U	37	48.7	190	ug/Kg
99-09-2	3-Nitroaniline	50	U	50	94.6	380	ug/Kg
83-32-9	Acenaphthene	33	U	33	48.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	55	U	55	94.6	380	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	94.6	380	ug/Kg
132-64-9	Dibenzofuran	37	U	37	48.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	49	U	49	48.7	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	48.7	190	ug/Kg
86-73-7	Fluorene	29	U	29	48.7	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.7	190	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	94.6	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	88	U	88	94.6	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	48.7	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	48.7	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	48.7	190	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	48.7	190	ug/Kg
1912-24-9	Atrazine	81	U	81	94.6	380	ug/Kg
87-86-5	Pentachlorophenol	85	U	85	94.6	380	ug/Kg
85-01-8	Phenanthrene	33	U	33	48.7	190	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	48.7	190	ug/Kg
120-12-7	Anthracene	29	U	29	48.7	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	57	U	57	48.7	190	ug/Kg
86-74-8	Carbazole	32	U	32	94.6	380	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	48.7	190	ug/Kg
206-44-0	Fluoranthene	62	U	62	94.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T77	SDG No.:	BP070124
Lab Sample ID:	P2962-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
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
BP020732.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	48.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	96	U	96	48.7	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	94.6	380	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	48.7	190	ug/Kg
218-01-9	Chrysene	36	U	36	48.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	48.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	87	U	87	94.6	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	38	U	38	48.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	48.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	48.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	48.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	48.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	48.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	48.7	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.73		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	20.15		20-120		50	SPK: -40
4165-62-2	Phenol-d5	23.248		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.103		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.499		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	24.485		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	26.063		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.35		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.302		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.589		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.174		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	26.243		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.644		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	27.306		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T77	SDG No.:	BP070124
Lab Sample ID:	P2962-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
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
BP020732.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.138		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	27.402		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	26.672		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.69		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	243953	7.74				
1146-65-2	Naphthalene-d8	1015561	10.51				
15067-26-2	Acenaphthene-d10	651362	14.369				
1517-22-2	Phenanthrene-d10	1200102	17.186				
1719-03-5	Chrysene-d12	927731	21.639				
1520-96-3	Perylene-d12	1109247	24.992				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	99	J			3.54	
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.251	
000057-10-3	n-Hexadecanoic acid	160	J			18.122	
	(DEL) Alkane: Straight-Chain	21.310	J			21.31	
E966796	Total Alkanes	150				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T80	SDG No.:	BP070124
Lab Sample ID:	P2962-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
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
BP020733.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.5	76	ug/Kg
100-52-7	Benzaldehyde	51	U	51	94.1	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	49	U	49	94.1	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	94.1	380	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	48.5	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	94.1	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	68	U	68	94.1	380	ug/Kg
98-86-2	Acetophenone	46	U	46	94.1	380	ug/Kg
106-44-5	4-Methylphenol	42	U	42	94.1	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	58	U	58	48.5	190	ug/Kg
67-72-1	Hexachloroethane	21	U	21	48.5	190	ug/Kg
98-95-3	Nitrobenzene	35	U	35	48.5	190	ug/Kg
78-59-1	Isophorone	55	U	55	48.5	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	48.5	190	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	48.5	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	48.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	48.5	190	ug/Kg
91-20-3	Naphthalene	29	U	29	48.5	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	48.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	48.5	190	ug/Kg
105-60-2	Caprolactam	82	U	82	94.1	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	48.5	190	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	48.5	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	48.5	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.1	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	48.5	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	48.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T80	SDG No.:	BP070124
Lab Sample ID:	P2962-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
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
BP020733.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	48.5	190	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	48.5	190	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	48.5	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	48.5	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	50	48.5	190	ug/Kg
208-96-8	Acenaphthylene	36	U	36	48.5	190	ug/Kg
99-09-2	3-Nitroaniline	50	U	50	94.1	380	ug/Kg
83-32-9	Acenaphthene	33	U	33	48.5	190	ug/Kg
51-28-5	2,4-Dinitrophenol	55	U	55	94.1	380	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	94.1	380	ug/Kg
132-64-9	Dibenzofuran	36	U	36	48.5	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	49	U	49	48.5	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	48.5	190	ug/Kg
86-73-7	Fluorene	29	U	29	48.5	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.5	190	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	94.1	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	88	U	88	94.1	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	48.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	48.5	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	48.5	190	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	48.5	190	ug/Kg
1912-24-9	Atrazine	81	U	81	94.1	380	ug/Kg
87-86-5	Pentachlorophenol	84	U	84	94.1	380	ug/Kg
85-01-8	Phenanthrene	33	U	33	48.5	190	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	48.5	190	ug/Kg
120-12-7	Anthracene	29	U	29	48.5	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	57	U	57	48.5	190	ug/Kg
86-74-8	Carbazole	32	U	32	94.1	380	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	48.5	190	ug/Kg
206-44-0	Fluoranthene	62	U	62	94.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T80	SDG No.:	BP070124
Lab Sample ID:	P2962-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
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
BP020733.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	48.5	190	ug/Kg
85-68-7	Butylbenzylphthalate	96	U	96	48.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	94.1	380	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	48.5	190	ug/Kg
218-01-9	Chrysene	35	U	35	48.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	48.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	87	U	87	94.1	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	38	U	38	48.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	48.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	48.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	48.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	48.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	48.5	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	48.5	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.218		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	14.292		20-120		36	SPK: -40
4165-62-2	Phenol-d5	20.57		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.359		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.655		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	21.992		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	22.666		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.167		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.488		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.279		1-145		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.067		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	23.498		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.077		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	25.05		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T80	SDG No.:	BP070124
Lab Sample ID:	P2962-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
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
BP020733.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.939		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	25.654		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	25.165		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.033		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	242580	7.74				
1146-65-2	Naphthalene-d8	1024938	10.505				
15067-26-2	Acenaphthene-d10	669614	14.369				
1517-22-2	Phenanthrene-d10	1261320	17.187				
1719-03-5	Chrysene-d12	977820	21.627				
1520-96-3	Perylene-d12	1133429	24.974				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	81	J			11.257	
000057-10-3	n-Hexadecanoic acid	97	J			18.116	
	(DEL) Alkane: Straight-Chain	21.304	J			21.304	
E966796	Total Alkanes	98				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T81	SDG No.:	BP070124
Lab Sample ID:	P2962-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
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
BP020734.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8.1	82	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	53	U	53	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	52	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73	U	73	100	400	ug/Kg
98-86-2	Acetophenone	49	U	49	100	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	52	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	52	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	52	210	ug/Kg
78-59-1	Isophorone	59	U	59	52	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	52	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	52	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	52	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	52	210	ug/Kg
91-20-3	Naphthalene	320		31	52	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	52	400	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	52	210	ug/Kg
105-60-2	Caprolactam	88	U	88	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	52	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	52	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	52	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	52	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	52	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T81	SDG No.:	BP070124
Lab Sample ID:	P2962-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
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
BP020734.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	52	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	52	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	52	210	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	52	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	52	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	52	210	ug/Kg
99-09-2	3-Nitroaniline	54	U	54	100	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	52	210	ug/Kg
51-28-5	2,4-Dinitrophenol	59	U	59	100	400	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	52	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	53	52	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	52	210	ug/Kg
86-73-7	Fluorene	31	U	31	52	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	52	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	94	U	94	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	52	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	52	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	52	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	52	210	ug/Kg
1912-24-9	Atrazine	87	U	87	100	400	ug/Kg
87-86-5	Pentachlorophenol	90	U	90	100	400	ug/Kg
85-01-8	Phenanthrene	35	U	35	52	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	52	210	ug/Kg
120-12-7	Anthracene	31	U	31	52	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	52	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	52	210	ug/Kg
206-44-0	Fluoranthene	66	U	66	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T81	SDG No.:	BP070124
Lab Sample ID:	P2962-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
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
BP020734.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60	U	60	52	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	52	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	52	210	ug/Kg
218-01-9	Chrysene	38	U	38	52	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	52	210	ug/Kg
117-84-0	Di-n-octyl phthalate	93	U	93	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	52	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	52	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	52	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	52	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	52	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	52	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	52	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.158		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	6.21	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	18.736		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.629		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.156		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	19.534		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	22.108		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.197		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.423		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.079		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.263		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	22.323		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.412		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	23.458		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T81	SDG No.:	BP070124
Lab Sample ID:	P2962-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
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
BP020734.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.048		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	24.397		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	22.263		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.743		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	244163	7.74				
1146-65-2	Naphthalene-d8	959618	10.504				
15067-26-2	Acenaphthene-d10	567654	14.363				
1517-22-2	Phenanthrene-d10	1023567	17.18				
1719-03-5	Chrysene-d12	966839	21.627				
1520-96-3	Perylene-d12	1147414	24.992				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	98	J			18.116	
	(DEL) Alkane: Straight-Chain	21.298	J			21.298	
E966796	Total Alkanes	120				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:	SLCS627	SDG No.:	BP070124
Lab Sample ID:	PB161627BS	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
BP020735.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	340		11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1200		45	82.5	330	ug/Kg
110-86-1	Pyridine	890		33	170	330	ug/Kg
108-95-2	Phenol	1100		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	970		40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1000		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1000		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	920		60	82.5	330	ug/Kg
98-86-2	Acetophenone	1000		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1100		37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	950		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	970		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1000		31	42.5	170	ug/Kg
78-59-1	Isophorone	970		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1200		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	790		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	990		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		16	42.5	170	ug/Kg
91-20-3	Naphthalene	1000		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	930		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1000		44	42.5	170	ug/Kg
105-60-2	Caprolactam	1100		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	1000		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1000		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	650		95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		39	42.5	170	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:	SLCS627	SDG No.:	BP070124
Lab Sample ID:	PB161627BS	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
BP020735.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1000		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1200		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	1100		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1000		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1300		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	1000		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	1100		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1000		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1100		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	1100		30	42.5	170	ug/Kg
86-73-7	Fluorene	1000		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1300		31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1100		33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1100		32	42.5	170	ug/Kg
1912-24-9	Atrazine	570		71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	990		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	1000		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1100		52	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		50	42.5	170	ug/Kg
86-74-8	Carbazole	1000		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1100		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	1000		54	82.5	170	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:	SLCS627	SDG No.:	BP070124
Lab Sample ID:	PB161627BS	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
BP020735.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1000		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1100		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1000		27	42.5	170	ug/Kg
218-01-9	Chrysene	1100		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	980		76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	980		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.704		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	27.816		20-120		70	SPK: -40
4165-62-2	Phenol-d5	31.799		10-130		79	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.179		10-150		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.607		15-120		79	SPK: -40
190780-66-6	4-Methylphenol-d8	31.653		10-140		79	SPK: -40
4165-60-0	Nitrobenzene-d5	34.176		10-135		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.817		10-120		97	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.072		10-140		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.165		1-145		75	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.891		10-145		85	SPK: -40
93951-97-4	Acenaphthylene-d8	31.678		15-120		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.321		10-150		86	SPK: -40
81103-79-9	Fluorene-d10	32.889		20-140		82	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:	SLCS627	SDG No.:	BP070124
Lab Sample ID:	PB161627BS	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
BP020735.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.955		10-130		90	SPK: -40
1719-06-8	Anthracene-d10	30.857		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	31.237		10-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.505		10-140		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	256095	7.74				
1146-65-2	Naphthalene-d8	1066291	10.51				
15067-26-2	Acenaphthene-d10	675112	14.381				
1517-22-2	Phenanthrene-d10	1278900	17.187				
1719-03-5	Chrysene-d12	986565	21.639				
1520-96-3	Perylene-d12	1189018	25.004				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	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:	SBLK640	SDG No.:	BP070124
Lab Sample ID:	PB161640BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020737.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	270	U	270	200	2000	ug/Kg
100-52-7	Benzaldehyde	1400	U	1400	2500	9900	ug/Kg
110-86-1	Pyridine	1700	U	1700	4900	9900	ug/Kg
108-95-2	Phenol	1200	U	1200	2500	9900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100	U	1100	2500	9900	ug/Kg
95-57-8	2-Chlorophenol	770	U	770	1300	5000	ug/Kg
95-48-7	2-Methylphenol	860	U	860	2500	9900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000	U	2000	2500	9900	ug/Kg
98-86-2	Acetophenone	960	U	960	2500	9900	ug/Kg
106-44-5	4-Methylphenol	840	U	840	2500	9900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1700	U	1700	1300	5000	ug/Kg
67-72-1	Hexachloroethane	480	U	480	1300	5000	ug/Kg
98-95-3	Nitrobenzene	930	U	930	1300	5000	ug/Kg
78-59-1	Isophorone	1100	U	1100	1300	5000	ug/Kg
88-75-5	2-Nitrophenol	690	U	690	1300	5000	ug/Kg
105-67-9	2,4-Dimethylphenol	700	U	700	1300	5000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300	U	1300	1300	5000	ug/Kg
120-83-2	2,4-Dichlorophenol	630	U	630	1300	5000	ug/Kg
91-20-3	Naphthalene	690	U	690	1300	5000	ug/Kg
106-47-8	4-Chloroaniline	550	U	550	1300	9900	ug/Kg
87-68-3	Hexachlorobutadiene	1400	U	1400	1300	5000	ug/Kg
105-60-2	Caprolactam	2800	U	2800	2500	9900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300	U	1300	1300	5000	ug/Kg
90-12-0	1-Methylnaphthalene	1200	U	1200	1300	5000	ug/Kg
91-57-6	2-Methylnaphthalene	630	U	630	1300	5000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2700	U	2700	2500	9900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1300	5000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	750	U	750	1300	5000	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:	SBLK640	SDG No.:	BP070124
Lab Sample ID:	PB161640BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020737.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	690	U	690	1300	5000	ug/Kg
91-58-7	2-Chloronaphthalene	690	U	690	1300	5000	ug/Kg
88-74-4	2-Nitroaniline	1600	U	1600	1300	5000	ug/Kg
131-11-3	Dimethylphthalate	720	U	720	1300	5000	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300	U	1300	1300	5000	ug/Kg
208-96-8	Acenaphthylene	780	U	780	1300	5000	ug/Kg
99-09-2	3-Nitroaniline	840	U	840	2500	9900	ug/Kg
83-32-9	Acenaphthene	810	U	810	1300	5000	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	U	2900	2500	9900	ug/Kg
100-02-7	4-Nitrophenol	1100	U	1100	2500	9900	ug/Kg
132-64-9	Dibenzofuran	710	U	710	1300	5000	ug/Kg
121-14-2	2,4-Dinitrotoluene	960	U	960	1300	5000	ug/Kg
84-66-2	Diethylphthalate	810	U	810	1300	5000	ug/Kg
86-73-7	Fluorene	700	U	700	1300	5000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	700	U	700	1300	5000	ug/Kg
100-01-6	4-Nitroaniline	760	U	760	2500	9900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2200	U	2200	2500	9900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	720	U	720	1300	5000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	630	U	630	1300	5000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	700	U	700	1300	5000	ug/Kg
118-74-1	Hexachlorobenzene	800	U	800	1300	5000	ug/Kg
1912-24-9	Atrazine	2000	U	2000	2500	9900	ug/Kg
87-86-5	Pentachlorophenol	1800	U	1800	2500	9900	ug/Kg
85-01-8	Phenanthrene	830	U	830	1300	5000	ug/Kg
608-93-5	Pentachlorobenzene	1600	U	1600	1300	5000	ug/Kg
120-12-7	Anthracene	670	U	670	1300	5000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1700	U	1700	1300	5000	ug/Kg
86-74-8	Carbazole	600	U	600	2500	9900	ug/Kg
84-74-2	Di-n-butylphthalate	1500	U	1500	1300	5000	ug/Kg
206-44-0	Fluoranthene	1400	U	1400	2500	5000	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:	SBLK640	SDG No.:	BP070124
Lab Sample ID:	PB161640BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020737.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100	U	1100	1300	5000	ug/Kg
85-68-7	Butylbenzylphthalate	2400	U	2400	1300	5000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600	U	1600	2500	9900	ug/Kg
56-55-3	Benzo(a)anthracene	540	U	540	1300	5000	ug/Kg
218-01-9	Chrysene	770	U	770	1300	5000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2600	U	2600	1300	5000	ug/Kg
117-84-0	Di-n-octyl phthalate	2700	U	2700	2500	9900	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100	U	1100	1300	5000	ug/Kg
207-08-9	Benzo(k)fluoranthene	760	U	760	1300	5000	ug/Kg
50-32-8	Benzo(a)pyrene	1100	U	1100	1300	5000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	900	U	900	1300	5000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	760	U	760	1300	5000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	910	U	910	1300	5000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	960	U	960	1300	5000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.033		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	28.972		20-120		72	SPK: -40
4165-62-2	Phenol-d5	30.031		10-130		75	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.118		10-150		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.554		15-120		76	SPK: -40
190780-66-6	4-Methylphenol-d8	30.184		10-140		75	SPK: -40
4165-60-0	Nitrobenzene-d5	35.225		10-135		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.251		10-120		98	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.558		10-140		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.229		1-145		81	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.654		10-145		89	SPK: -40
93951-97-4	Acenaphthylene-d8	32.623		15-120		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.016		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	32.865		20-140		82	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:	SBLK640	SDG No.:	BP070124
Lab Sample ID:	PB161640BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020737.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.217		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	34.138		10-150		85	SPK: -40
1718-52-1	Pyrene-d10	31.081		10-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.848		10-140		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	234079	7.74				
1146-65-2	Naphthalene-d8	922146	10.505				
15067-26-2	Acenaphthene-d10	537852	14.375				
1517-22-2	Phenanthrene-d10	985959	17.187				
1719-03-5	Chrysene-d12	913285	21.633				
1520-96-3	Perylene-d12	1072314	24.992				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	690	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T82	SDG No.:	BP070124
Lab Sample ID:	P2962-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13
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
BP020738.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.6	77	ug/Kg
100-52-7	Benzaldehyde	52	U	52	94.8	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	49	U	49	94.8	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	94.8	380	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	48.9	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	94.8	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	69	U	69	94.8	380	ug/Kg
98-86-2	Acetophenone	46	U	46	94.8	380	ug/Kg
106-44-5	4-Methylphenol	43	U	43	94.8	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	59	48.9	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	48.9	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	48.9	200	ug/Kg
78-59-1	Isophorone	55	U	55	48.9	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	48.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	48.9	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	48.9	200	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	48.9	200	ug/Kg
91-20-3	Naphthalene	29	U	29	48.9	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	48.9	380	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	48.9	200	ug/Kg
105-60-2	Caprolactam	83	U	83	94.8	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	48.9	200	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	48.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	48.9	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.8	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	48.9	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	48.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T82	SDG No.:	BP070124
Lab Sample ID:	P2962-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13
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
BP020738.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	48.9	200	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	48.9	200	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	48.9	200	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	48.9	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	51	48.9	200	ug/Kg
208-96-8	Acenaphthylene	37	U	37	48.9	200	ug/Kg
99-09-2	3-Nitroaniline	51	U	51	94.8	380	ug/Kg
83-32-9	Acenaphthene	33	U	33	48.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	55	U	55	94.8	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	94.8	380	ug/Kg
132-64-9	Dibenzofuran	37	U	37	48.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	49	U	49	48.9	200	ug/Kg
84-66-2	Diethylphthalate	34	U	34	48.9	200	ug/Kg
86-73-7	Fluorene	29	U	29	48.9	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.9	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	94.8	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	89	U	89	94.8	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	48.9	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	48.9	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	48.9	200	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	48.9	200	ug/Kg
1912-24-9	Atrazine	82	U	82	94.8	380	ug/Kg
87-86-5	Pentachlorophenol	85	U	85	94.8	380	ug/Kg
85-01-8	Phenanthrene	33	U	33	48.9	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	48.9	200	ug/Kg
120-12-7	Anthracene	29	U	29	48.9	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	57	U	57	48.9	200	ug/Kg
86-74-8	Carbazole	32	U	32	94.8	380	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	48.9	200	ug/Kg
206-44-0	Fluoranthene	62	U	62	94.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T82	SDG No.:	BP070124
Lab Sample ID:	P2962-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13
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
BP020738.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	48.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	97	U	97	48.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	94.8	380	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	48.9	200	ug/Kg
218-01-9	Chrysene	36	U	36	48.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	48.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	87	U	87	94.8	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	38	U	38	48.9	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	48.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	48.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	48.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	48.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	48.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	48.9	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.759		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	20.241		20-120		51	SPK: -40
4165-62-2	Phenol-d5	23.494		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.016		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.683		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	24.58		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	25.285		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.473		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.116		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.759		1-145		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.437		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	25.279		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.928		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	26.731		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T82	SDG No.:	BP070124
Lab Sample ID:	P2962-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13
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
BP020738.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.71		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	26.208		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	27.931		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.188		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	241273	7.74				
1146-65-2	Naphthalene-d8	1037630	10.51				
15067-26-2	Acenaphthene-d10	688538	14.369				
1517-22-2	Phenanthrene-d10	1391235	17.186				
1719-03-5	Chrysene-d12	993952	21.633				
1520-96-3	Perylene-d12	1125358	24.986				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	99	J			11.257	
000057-10-3	n-Hexadecanoic acid	97	J			18.122	
000557-61-9	Octacosanol	110	J			21.31	
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T83	SDG No.:	BP070124
Lab Sample ID:	P2962-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.2
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
BP020739.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.9	80	ug/Kg
100-52-7	Benzaldehyde	54	U	54	99.3	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	52	U	52	99.3	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	99.3	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	51.2	200	ug/Kg
95-48-7	2-Methylphenol	47	U	47	99.3	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72	U	72	99.3	400	ug/Kg
98-86-2	Acetophenone	48	U	48	99.3	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	99.3	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	61	U	61	51.2	200	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51.2	200	ug/Kg
98-95-3	Nitrobenzene	37	U	37	51.2	200	ug/Kg
78-59-1	Isophorone	58	U	58	51.2	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	51.2	200	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51.2	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51.2	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	51.2	200	ug/Kg
91-20-3	Naphthalene	30	U	30	51.2	200	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51.2	400	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	51.2	200	ug/Kg
105-60-2	Caprolactam	87	U	87	99.3	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	59	51.2	200	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	99.3	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	51.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	51.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T83	SDG No.:	BP070124
Lab Sample ID:	P2962-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.2
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
BP020739.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	51.2	200	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	51.2	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	51.2	200	ug/Kg
208-96-8	Acenaphthylene	39	U	39	51.2	200	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	99.3	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	99.3	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	99.3	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	51.2	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51.2	200	ug/Kg
84-66-2	Diethylphthalate	36	U	36	51.2	200	ug/Kg
86-73-7	Fluorene	30	U	30	51.2	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.2	200	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	99.3	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	93	U	93	99.3	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51.2	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51.2	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51.2	200	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	51.2	200	ug/Kg
1912-24-9	Atrazine	85	U	85	99.3	400	ug/Kg
87-86-5	Pentachlorophenol	89	U	89	99.3	400	ug/Kg
85-01-8	Phenanthrene	35	U	35	51.2	200	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	51.2	200	ug/Kg
120-12-7	Anthracene	30	U	30	51.2	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	60	U	60	51.2	200	ug/Kg
86-74-8	Carbazole	34	U	34	99.3	400	ug/Kg
84-74-2	Di-n-butylphthalate	73	U	73	51.2	200	ug/Kg
206-44-0	Fluoranthene	65	U	65	99.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T83	SDG No.:	BP070124
Lab Sample ID:	P2962-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.2
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
BP020739.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	59	U	59	51.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	99.3	400	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	51.2	200	ug/Kg
218-01-9	Chrysene	37	U	37	51.2	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51.2	200	ug/Kg
117-84-0	Di-n-octyl phthalate	91	U	91	99.3	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	51.2	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	51.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	51.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	51.2	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51.2	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.203		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	6.217	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	20.302		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.148		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.273		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	21.509		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	21.554		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.466		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.638		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.762		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.057		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	22.503		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.153		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	24.619		20-140		62	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T83	SDG No.:	BP070124
Lab Sample ID:	P2962-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.2
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
BP020739.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.665		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	24.146		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	27.208		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.938		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	279362	7.74				
1146-65-2	Naphthalene-d8	1245418	10.504				
15067-26-2	Acenaphthene-d10	840815	14.375				
1517-22-2	Phenanthrene-d10	1742900	17.18				
1719-03-5	Chrysene-d12	1203401	21.645				
1520-96-3	Perylene-d12	1305746	25.004				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	100	J			11.251	
000057-10-3	n-Hexadecanoic acid	130	J			18.122	
	(DEL) Alkane: Straight-Chain	21.322	J			21.322	
E966796	Total Alkanes	150				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T78	SDG No.:	BP070124
Lab Sample ID:	P2962-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.2
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020740.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	290	U	290	210	2100	ug/Kg
100-52-7	Benzaldehyde	1500	U	1500	2600	11000	ug/Kg
110-86-1	Pyridine	1800	U	1800	5300	11000	ug/Kg
108-95-2	Phenol	1300	U	1300	2600	11000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200	U	1200	2600	11000	ug/Kg
95-57-8	2-Chlorophenol	830	U	830	1400	5300	ug/Kg
95-48-7	2-Methylphenol	930	U	930	2600	11000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2100	U	2100	2600	11000	ug/Kg
98-86-2	Acetophenone	1000	U	1000	2600	11000	ug/Kg
106-44-5	4-Methylphenol	910	U	910	2600	11000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1800	U	1800	1400	5300	ug/Kg
67-72-1	Hexachloroethane	510	U	510	1400	5300	ug/Kg
98-95-3	Nitrobenzene	1000	U	1000	1400	5300	ug/Kg
78-59-1	Isophorone	1200	U	1200	1400	5300	ug/Kg
88-75-5	2-Nitrophenol	750	U	750	1400	5300	ug/Kg
105-67-9	2,4-Dimethylphenol	760	U	760	1400	5300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400	U	1400	1400	5300	ug/Kg
120-83-2	2,4-Dichlorophenol	680	U	680	1400	5300	ug/Kg
91-20-3	Naphthalene	340000	E	750	1400	5300	ug/Kg
106-47-8	4-Chloroaniline	600	U	600	1400	11000	ug/Kg
87-68-3	Hexachlorobutadiene	1500	U	1500	1400	5300	ug/Kg
105-60-2	Caprolactam	3000	U	3000	2600	11000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400	U	1400	1400	5300	ug/Kg
90-12-0	1-Methylnaphthalene	86000	E	1300	1400	5300	ug/Kg
91-57-6	2-Methylnaphthalene	150000	E	680	1400	5300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2900	U	2900	2600	11000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300	U	1300	1400	5300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	810	U	810	1400	5300	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T78	SDG No.:	BP070124
Lab Sample ID:	P2962-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.2
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020740.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	18000		750	1400	5300	ug/Kg
91-58-7	2-Chloronaphthalene	750	U	750	1400	5300	ug/Kg
88-74-4	2-Nitroaniline	1700	U	1700	1400	5300	ug/Kg
131-11-3	Dimethylphthalate	780	U	780	1400	5300	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400	U	1400	1400	5300	ug/Kg
208-96-8	Acenaphthylene	65000		840	1400	5300	ug/Kg
99-09-2	3-Nitroaniline	910	U	910	2600	11000	ug/Kg
83-32-9	Acenaphthene	15000		880	1400	5300	ug/Kg
51-28-5	2,4-Dinitrophenol	3100	U	3100	2600	11000	ug/Kg
100-02-7	4-Nitrophenol	1200	U	1200	2600	11000	ug/Kg
132-64-9	Dibenzofuran	4300	J	770	1400	5300	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000	U	1000	1400	5300	ug/Kg
84-66-2	Diethylphthalate	880	U	880	1400	5300	ug/Kg
86-73-7	Fluorene	42000		760	1400	5300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	760	U	760	1400	5300	ug/Kg
100-01-6	4-Nitroaniline	820	U	820	2600	11000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2400	U	2400	2600	11000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	780	U	780	1400	5300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	680	U	680	1400	5300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	760	U	760	1400	5300	ug/Kg
118-74-1	Hexachlorobenzene	870	U	870	1400	5300	ug/Kg
1912-24-9	Atrazine	2100	U	2100	2600	11000	ug/Kg
87-86-5	Pentachlorophenol	1900	U	1900	2600	11000	ug/Kg
85-01-8	Phenanthrene	130000	E	900	1400	5300	ug/Kg
608-93-5	Pentachlorobenzene	1700	U	1700	1400	5300	ug/Kg
120-12-7	Anthracene	35000		730	1400	5300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1800	U	1800	1400	5300	ug/Kg
86-74-8	Carbazole	650	U	650	2600	11000	ug/Kg
84-74-2	Di-n-butylphthalate	1600	U	1600	1400	5300	ug/Kg
206-44-0	Fluoranthene	37000		1500	2600	5300	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T78	SDG No.:	BP070124
Lab Sample ID:	P2962-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.2
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020740.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	57000		1200	1400	5300	ug/Kg
85-68-7	Butylbenzylphthalate	2600	U	2600	1400	5300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1700	U	1700	2600	11000	ug/Kg
56-55-3	Benzo(a)anthracene	24000		590	1400	5300	ug/Kg
218-01-9	Chrysene	21000		830	1400	5300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2800	U	2800	1400	5300	ug/Kg
117-84-0	Di-n-octyl phthalate	2900	U	2900	2600	11000	ug/Kg
205-99-2	Benzo(b)fluoranthene	15000		1200	1400	5300	ug/Kg
207-08-9	Benzo(k)fluoranthene	4400	J	820	1400	5300	ug/Kg
50-32-8	Benzo(a)pyrene	19000		1200	1400	5300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5600		970	1400	5300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2000	J	820	1400	5300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	7600		980	1400	5300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000	U	1000	1400	5300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.295		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	21.168		20-120		53	SPK: -40
4165-62-2	Phenol-d5	24.58		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.232		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.024		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	24.585		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	30.996		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.553		10-120		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.246		10-140		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.758		1-145		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.926		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	29.454		15-120		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.232		10-150		63	SPK: -40
81103-79-9	Fluorene-d10	29.35		20-140		73	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T78	SDG No.:	BP070124
Lab Sample ID:	P2962-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.2
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020740.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.636		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	29.6		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	26.375		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.859		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	234391	7.74				
1146-65-2	Naphthalene-d8	854107	10.516				
15067-26-2	Acenaphthene-d10	473491	14.369				
1517-22-2	Phenanthrene-d10	915512	17.186				
1719-03-5	Chrysene-d12	939295	21.633				
1520-96-3	Perylene-d12	1172142	24.998				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-38-3	Benzene, 1,3-dimethyl-	20000	J			5.422	
000611-14-3	Benzene, 1-ethyl-2-methyl-	24000	J			6.84	
000526-73-8	Benzene, 1,2,3-trimethyl-	8500	J			7.852	
000095-13-6	Indene	71000	J			8.269	
002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	10000	J			8.828	
001560-06-1	Benzene, 2-butenyl-	12000	J			8.987	
002177-47-1	2-Methylindene	31000	J			9.94	
000767-59-9	1H-Indene, 1-methyl-	19000	J			10.01	
001127-76-0	Naphthalene, 1-ethyl-	21000	J			13.393	
000575-43-9	Naphthalene, 1,6-dimethyl-	14000	J			13.528	
000581-40-8	Naphthalene, 2,3-dimethyl-	27000	J			13.681	
000571-61-9	Naphthalene, 1,5-dimethyl-	11000	J			13.922	
	unknown-01	10000	J			14.993	
000203-80-5	1H-Phenylene	8500	J			15.263	
013678-98-3	Benzene, 5-heptene-1,3-diyl-1-yl-	18000	J			15.863	
001730-37-6	9H-Fluorene, 1-methyl-	14000	J			16.469	
001430-97-3	9H-Fluorene, 2-methyl-	6300	J			16.522	

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T78	SDG No.:	BP070124
Lab Sample ID:	P2962-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.2
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020740.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000132-65-0	Dibenzothiophene	17000	J			16.998	
031317-07-4	1-Methyldibenzothiophene	7900	J			17.786	
016587-52-3	Dibenzothiophene, 3-methyl-	7400	J			17.933	
002531-84-2	Phenanthrene, 2-methyl-	32000	J			18.092	
000832-64-4	Phenanthrene, 4-methyl-	31000	J			18.145	
000613-12-7	Anthracene, 2-methyl-	12000	J			18.228	
000203-64-5	4H-Cyclopenta[def]phenanthrene	43000	J			18.298	
000779-02-2	Anthracene, 9-methyl-	16000	J			18.328	
000612-94-2	Naphthalene, 2-phenyl-	11000	J			18.61	
003674-66-6	Phenanthrene, 2,5-dimethyl-	20000	J			19.039	
006543-29-9	Indeno[2,1-a]indene, 5,10-dihydro-	12000	J			19.11	
	unknown-02	6800	J			19.48	
	(DEL) Alkane: Straight-Chain21.304	3800	J			21.304	
000192-97-2	Benzo[e]pyrene	6200	J			24.204	
E966796	Total Alkanes	3800				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T79	SDG No.:	BP070124
Lab Sample ID:	P2962-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.3
Sample Wt/Vol:	1.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020741.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	280	U	280	210	2100	ug/Kg
100-52-7	Benzaldehyde	1500	U	1500	2600	11000	ug/Kg
110-86-1	Pyridine	1800	U	1800	5200	11000	ug/Kg
108-95-2	Phenol	1300	U	1300	2600	11000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200	U	1200	2600	11000	ug/Kg
95-57-8	2-Chlorophenol	820	U	820	1300	5300	ug/Kg
95-48-7	2-Methylphenol	920	U	920	2600	11000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2100	U	2100	2600	11000	ug/Kg
98-86-2	Acetophenone	1000	U	1000	2600	11000	ug/Kg
106-44-5	4-Methylphenol	900	U	900	2600	11000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1800	U	1800	1300	5300	ug/Kg
67-72-1	Hexachloroethane	510	U	510	1300	5300	ug/Kg
98-95-3	Nitrobenzene	990	U	990	1300	5300	ug/Kg
78-59-1	Isophorone	1200	U	1200	1300	5300	ug/Kg
88-75-5	2-Nitrophenol	740	U	740	1300	5300	ug/Kg
105-67-9	2,4-Dimethylphenol	750	U	750	1300	5300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400	U	1400	1300	5300	ug/Kg
120-83-2	2,4-Dichlorophenol	670	U	670	1300	5300	ug/Kg
91-20-3	Naphthalene	100000	E	740	1300	5300	ug/Kg
106-47-8	4-Chloroaniline	590	U	590	1300	11000	ug/Kg
87-68-3	Hexachlorobutadiene	1500	U	1500	1300	5300	ug/Kg
105-60-2	Caprolactam	3000	U	3000	2600	11000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400	U	1400	1300	5300	ug/Kg
90-12-0	1-Methylnaphthalene	26000		1300	1300	5300	ug/Kg
91-57-6	2-Methylnaphthalene	44000		670	1300	5300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2800	U	2800	2600	11000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300	U	1300	1300	5300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	800	U	800	1300	5300	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T79	SDG No.:	BP070124
Lab Sample ID:	P2962-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.3
Sample Wt/Vol:	1.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020741.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4800	J	740	1300	5300	ug/Kg
91-58-7	2-Chloronaphthalene	740	U	740	1300	5300	ug/Kg
88-74-4	2-Nitroaniline	1700	U	1700	1300	5300	ug/Kg
131-11-3	Dimethylphthalate	770	U	770	1300	5300	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400	U	1400	1300	5300	ug/Kg
208-96-8	Acenaphthylene	19000		830	1300	5300	ug/Kg
99-09-2	3-Nitroaniline	900	U	900	2600	11000	ug/Kg
83-32-9	Acenaphthene	3300	J	860	1300	5300	ug/Kg
51-28-5	2,4-Dinitrophenol	3100	U	3100	2600	11000	ug/Kg
100-02-7	4-Nitrophenol	1200	U	1200	2600	11000	ug/Kg
132-64-9	Dibenzofuran	1300	J	760	1300	5300	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000	U	1000	1300	5300	ug/Kg
84-66-2	Diethylphthalate	860	U	860	1300	5300	ug/Kg
86-73-7	Fluorene	12000		750	1300	5300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	750	U	750	1300	5300	ug/Kg
100-01-6	4-Nitroaniline	810	U	810	2600	11000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2300	U	2300	2600	11000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	770	U	770	1300	5300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	670	U	670	1300	5300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	750	U	750	1300	5300	ug/Kg
118-74-1	Hexachlorobenzene	850	U	850	1300	5300	ug/Kg
1912-24-9	Atrazine	2100	U	2100	2600	11000	ug/Kg
87-86-5	Pentachlorophenol	1900	U	1900	2600	11000	ug/Kg
85-01-8	Phenanthrene	37000		890	1300	5300	ug/Kg
608-93-5	Pentachlorobenzene	1700	U	1700	1300	5300	ug/Kg
120-12-7	Anthracene	9700		720	1300	5300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1800	U	1800	1300	5300	ug/Kg
86-74-8	Carbazole	640	U	640	2600	11000	ug/Kg
84-74-2	Di-n-butylphthalate	1600	U	1600	1300	5300	ug/Kg
206-44-0	Fluoranthene	12000		1500	2600	5300	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T79	SDG No.:	BP070124
Lab Sample ID:	P2962-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.3
Sample Wt/Vol:	1.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020741.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	17000		1200	1300	5300	ug/Kg
85-68-7	Butylbenzylphthalate	2500	U	2500	1300	5300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1700	U	1700	2600	11000	ug/Kg
56-55-3	Benzo(a)anthracene	6500		580	1300	5300	ug/Kg
218-01-9	Chrysene	5500		820	1300	5300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2700	U	2700	1300	5300	ug/Kg
117-84-0	Di-n-octyl phthalate	2800	U	2800	2600	11000	ug/Kg
205-99-2	Benzo(b)fluoranthene	3800	J	1200	1300	5300	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400	J	810	1300	5300	ug/Kg
50-32-8	Benzo(a)pyrene	5300		1200	1300	5300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500	J	960	1300	5300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	810	U	810	1300	5300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2100	J	970	1300	5300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000	U	1000	1300	5300	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	21.254		20-120		53	SPK: -40
17647-74-4	1,4-Dioxane-d8	4.261		15-120		53	SPK: -8
4165-62-2	Phenol-d5	25.091		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.193		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.626		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	26.583		10-140		66	SPK: -40
4165-60-0	Nitrobenzene-d5	29.742		10-135		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.924		10-120		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.935		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.963		1-145		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.236		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	29.171		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.591		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	29.608		20-140		74	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T79	SDG No.:	BP070124
Lab Sample ID:	P2962-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.3
Sample Wt/Vol:	1.07	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020741.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.062		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	29.52		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	27.581		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.972		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	252150	7.74				
1146-65-2	Naphthalene-d8	1023189	10.51				
15067-26-2	Acenaphthene-d10	622954	14.375				
1517-22-2	Phenanthrene-d10	1125933	17.181				
1719-03-5	Chrysene-d12	973214	21.633				
1520-96-3	Perylene-d12	1145154	24.998				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	26000	J			3.011	
000108-38-3	Benzene, 1,3-dimethyl-	5200	J			5.422	
000620-14-4	Benzene, 1-ethyl-3-methyl-	4900	J			6.84	
000611-14-3	Benzene, 1-ethyl-2-methyl-	10000	J			7.387	
000526-73-8	Benzene, 1,2,3-trimethyl-	2100	J			7.852	
000095-13-6	Indene	19000	J			8.269	
003290-53-7	Benzene, (2-methyl-2-propenyl)-	3200	J			8.987	
002177-47-1	2-Methylindene	7100	J			9.94	
000767-59-9	1H-Indene, 1-methyl-	4700	J			10.016	
001127-76-0	Naphthalene, 1-ethyl-	5300	J			13.381	
000575-43-9	Naphthalene, 1,6-dimethyl-	8500	J			13.546	
000571-61-9	Naphthalene, 1,5-dimethyl-	9600	J			13.681	
000581-40-8	Naphthalene, 2,3-dimethyl-	3700	J			13.928	
003710-23-4	Naphthalene, 2-(1-methylethenyl)-	3500	J			14.987	
000203-80-5	1H-Phenylene	3100	J			15.257	
013678-98-3	Benzene, 5-heptene-1,3-diyn-1-yl-	4700	J			15.863	
001430-97-3	9H-Fluorene, 2-methyl-	3900	J			16.469	

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T79	SDG No.:	BP070124
Lab Sample ID:	P2962-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.3
Sample Wt/Vol:	1.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020741.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000233-02-3	Naphtho[2,1-b]thiophene	4600	J			16.992	
000610-48-0	Anthracene, 1-methyl-	7000	J			18.086	
002531-84-2	Phenanthrene, 2-methyl-	11000	J			18.139	
000613-12-7	Anthracene, 2-methyl-	2800	J			18.228	
000203-64-5	4H-Cyclopenta[def]phenanthrene	11000	J			18.298	
001961-96-2	1H-Indene, 1-phenyl-	3500	J			18.334	
000612-94-2	Naphthalene, 2-phenyl-	2800	J			18.61	
003674-66-6	Phenanthrene, 2,5-dimethyl-	4100	J			19.039	
006543-29-9	Indeno[2,1-a]indene, 5,10-dihydro-	2700	J			19.11	
000886-66-8	Benzene, 1,1-(1,3-butadiyne-1,4-d	4700	J			19.475	
000243-17-4	11H-Benzo[b]fluorene	2600	J			20.216	
000238-84-6	11H-Benzo[a]fluorene	2200	J			20.322	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	4100	J			21.304	
E966796	Total Alkanes	740	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:	SLCS640	SDG No.:	BP070124
Lab Sample ID:	PB161640BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020742.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9800		260	190	1900	ug/Kg
100-52-7	Benzaldehyde	35000		1400	2400	9700	ug/Kg
110-86-1	Pyridine	26000		1700	4800	9700	ug/Kg
108-95-2	Phenol	31000		1200	2400	9700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	29000		1100	2400	9700	ug/Kg
95-57-8	2-Chlorophenol	31000		760	1200	4900	ug/Kg
95-48-7	2-Methylphenol	31000		840	2400	9700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	27000		1900	2400	9700	ug/Kg
98-86-2	Acetophenone	30000		940	2400	9700	ug/Kg
106-44-5	4-Methylphenol	32000		830	2400	9700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	28000		1700	1200	4900	ug/Kg
67-72-1	Hexachloroethane	29000		470	1200	4900	ug/Kg
98-95-3	Nitrobenzene	30000		910	1200	4900	ug/Kg
78-59-1	Isophorone	28000		1100	1200	4900	ug/Kg
88-75-5	2-Nitrophenol	37000		680	1200	4900	ug/Kg
105-67-9	2,4-Dimethylphenol	24000		690	1200	4900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	29000		1300	1200	4900	ug/Kg
120-83-2	2,4-Dichlorophenol	33000		620	1200	4900	ug/Kg
91-20-3	Naphthalene	29000		680	1200	4900	ug/Kg
106-47-8	4-Chloroaniline	28000		540	1200	9700	ug/Kg
87-68-3	Hexachlorobutadiene	30000		1400	1200	4900	ug/Kg
105-60-2	Caprolactam	36000		2700	2400	9700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34000		1300	1200	4900	ug/Kg
90-12-0	1-Methylnaphthalene	30000		1200	1200	4900	ug/Kg
91-57-6	2-Methylnaphthalene	31000		620	1200	4900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	17000		2600	2400	9700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	33000		1200	1200	4900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	35000		740	1200	4900	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:	SLCS640	SDG No.:	BP070124
Lab Sample ID:	PB161640BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020742.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30000		680	1200	4900	ug/Kg
91-58-7	2-Chloronaphthalene	31000		680	1200	4900	ug/Kg
88-74-4	2-Nitroaniline	37000		1600	1200	4900	ug/Kg
131-11-3	Dimethylphthalate	33000		710	1200	4900	ug/Kg
606-20-2	2,6-Dinitrotoluene	38000		1300	1200	4900	ug/Kg
208-96-8	Acenaphthylene	30000		770	1200	4900	ug/Kg
99-09-2	3-Nitroaniline	41000		830	2400	9700	ug/Kg
83-32-9	Acenaphthene	30000		800	1200	4900	ug/Kg
51-28-5	2,4-Dinitrophenol	37000		2800	2400	9700	ug/Kg
100-02-7	4-Nitrophenol	35000		1100	2400	9700	ug/Kg
132-64-9	Dibenzofuran	31000		700	1200	4900	ug/Kg
121-14-2	2,4-Dinitrotoluene	40000		940	1200	4900	ug/Kg
84-66-2	Diethylphthalate	33000		800	1200	4900	ug/Kg
86-73-7	Fluorene	32000		690	1200	4900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	32000		690	1200	4900	ug/Kg
100-01-6	4-Nitroaniline	44000		750	2400	9700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	36000		2100	2400	9700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	31000		710	1200	4900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	31000		620	1200	4900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32000		690	1200	4900	ug/Kg
118-74-1	Hexachlorobenzene	33000		790	1200	4900	ug/Kg
1912-24-9	Atrazine	17000		1900	2400	9700	ug/Kg
87-86-5	Pentachlorophenol	30000		1700	2400	9700	ug/Kg
85-01-8	Phenanthrene	30000		820	1200	4900	ug/Kg
608-93-5	Pentachlorobenzene	30000		1600	1200	4900	ug/Kg
120-12-7	Anthracene	30000		660	1200	4900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	30000		1700	1200	4900	ug/Kg
86-74-8	Carbazole	32000		590	2400	9700	ug/Kg
84-74-2	Di-n-butylphthalate	34000		1500	1200	4900	ug/Kg
206-44-0	Fluoranthene	36000		1400	2400	4900	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:	SLCS640	SDG No.:	BP070124
Lab Sample ID:	PB161640BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020742.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	34000		1100	1200	4900	ug/Kg
85-68-7	Butylbenzylphthalate	41000		2300	1200	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	32000		1600	2400	9700	ug/Kg
56-55-3	Benzo(a)anthracene	32000		530	1200	4900	ug/Kg
218-01-9	Chrysene	31000		760	1200	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	38000		2500	1200	4900	ug/Kg
117-84-0	Di-n-octyl phthalate	36000		2600	2400	9700	ug/Kg
205-99-2	Benzo(b)fluoranthene	32000		1100	1200	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	32000		750	1200	4900	ug/Kg
50-32-8	Benzo(a)pyrene	30000		1100	1200	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31000		880	1200	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31000		750	1200	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30000		890	1200	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	35000		940	1200	4900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.619		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	28.266		20-120		71	SPK: -40
4165-62-2	Phenol-d5	32.418		10-130		81	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.83		10-150		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.163		15-120		80	SPK: -40
190780-66-6	4-Methylphenol-d8	32.835		10-140		82	SPK: -40
4165-60-0	Nitrobenzene-d5	35.085		10-135		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.702		10-120		99	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.452		10-140		89	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.509		1-145		79	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.042		10-145		88	SPK: -40
93951-97-4	Acenaphthylene-d8	32.872		15-120		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	38.986		10-150		97	SPK: -40
81103-79-9	Fluorene-d10	34.841		20-140		87	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:	SLCS640	SDG No.:	BP070124
Lab Sample ID:	PB161640BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020742.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.513		10-130		94	SPK: -40
1719-06-8	Anthracene-d10	32.524		10-150		81	SPK: -40
1718-52-1	Pyrene-d10	36.485		10-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.733		10-140		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	253051	7.74				
1146-65-2	Naphthalene-d8	1071080	10.505				
15067-26-2	Acenaphthene-d10	704183	14.375				
1517-22-2	Phenanthrene-d10	1454788	17.186				
1719-03-5	Chrysene-d12	988779	21.622				
1520-96-3	Perylene-d12	1115586	24.986				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	680	U			99	ug/Kg



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

Hit Summary Sheet SW-846

SDG No.: BP070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4C52								
P2871-04	A4C52	Solid	(DEL) Alkane: Straight-Chain21.3 *	650.000	J			
P2871-04	A4C52	Solid	(DEL) Alkane: Straight-Chain24.1 *	1,000.000	J			
P2871-04	A4C52	Solid	(DEL) Alkane: Straight-Chain26.3 *	1,200.000	J			
P2871-04	A4C52	Solid	.gamma.-Sitosterol	150.000	J			
P2871-04	A4C52	Solid	1-Heneicosanol	500.000	J			
P2871-04	A4C52	Solid	1-Phenoxypropan-2-ol	160.000	J			
P2871-04	A4C52	Solid	3-Penten-2-ol	74.000	J			
P2871-04	A4C52	Solid	Behenic alcohol	1,100.000	J			
P2871-04	A4C52	Solid	Dotriacontanal	640.000	J			
P2871-04	A4C52	Solid	Heptacosyl acetate	780.000	J			
P2871-04	A4C52	Solid	n-Hexadecanoic acid	530.000	J			
P2871-04	A4C52	Solid	Nonacosanal	270.000	J			
P2871-04	A4C52	Solid	Octadecanoic acid	500.000	J			
P2871-04	A4C52	Solid	Oxirane, hexadecyl-	970.000	J			
P2871-04	A4C52	Solid	unknown-01	150.000	J			
P2871-04	A4C52	Solid	Total Alkanes	2,900.000		26	190	ug/Kg
Total Tics :				11,574.00				
P2871-04	A4C52	Solid	Benzo(a)anthracene	47.000	J	30	190	ug/Kg
P2871-04	A4C52	Solid	Benzo(b)fluoranthene	63.000	J	36	190	ug/Kg
P2871-04	A4C52	Solid	Chrysene	52.000	J	34	190	ug/Kg
P2871-04	A4C52	Solid	Fluoranthene	94.000	J	59	190	ug/Kg
P2871-04	A4C52	Solid	Phenanthrene	57.000	J	32	190	ug/Kg
P2871-04	A4C52	Solid	Pyrene	73.000	J	54	190	ug/Kg
Total Svoc :				386.00				
Total Concentration:				11,960.00				
Client ID : A4C53								
P2871-05	A4C53	Solid	(DEL) Alkane: Straight-Chain20.9 *	160.000	J			
P2871-05	A4C53	Solid	(DEL) Alkane: Straight-Chain21.3 *	550.000	J			
P2871-05	A4C53	Solid	(DEL) Alkane: Straight-Chain24.1 *	230.000	J			
P2871-05	A4C53	Solid	(DEL) Alkane: Straight-Chain24.2 *	170.000	J			
P2871-05	A4C53	Solid	1-Phenoxypropan-2-ol	130.000	J			
P2871-05	A4C53	Solid	Behenic alcohol	480.000	J			
P2871-05	A4C53	Solid	Butane, 2-methoxy-2-methyl-	1,200.000	J			
P2871-05	A4C53	Solid	n-Hexadecanoic acid	280.000	J			
P2871-05	A4C53	Solid	Octadecanoic acid	150.000	J			
P2871-05	A4C53	Solid	Propylene Glycol	94.000	J			
P2871-05	A4C53	Solid	Total Alkanes	1,100.000		26	180	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :				4,544.00				
P2871-05	A4C53	Solid	Benzo(a)pyrene	38.000	J	35	180	ug/Kg
P2871-05	A4C53	Solid	Benzo(b)fluoranthene	48.000	J	36	180	ug/Kg
P2871-05	A4C53	Solid	Chrysene	40.000	J	34	180	ug/Kg
P2871-05	A4C53	Solid	Fluoranthene	64.000	J	59	180	ug/Kg
P2871-05	A4C53	Solid	Pyrene	59.000	J	53	180	ug/Kg
Total Svoc :				249.00				
Total Concentration:				4,793.00				
Client ID : A4C55								
P2871-07	A4C55	Solid	(DEL) Alkane: Straight-Chain21.3 *	240.000	J			
P2871-07	A4C55	Solid	1-Phenoxypropan-2-ol *	92.000	J			
P2871-07	A4C55	Solid	Butane, 2-methoxy-2-methyl- *	1,200.000	J			
P2871-07	A4C55	Solid	n-Hexadecanoic acid *	260.000	J			
P2871-07	A4C55	Solid	Octadecanoic acid *	110.000	J			
P2871-07	A4C55	Solid	Total Alkanes *	240.000		32	230	ug/Kg
Total Tics :				2,142.00				
Total Concentration:				2,142.00				
Client ID : A4C58								
P2871-09	A4C58	Solid	(DEL) Alkane: Straight-Chain22.4 *	1,000.000	J			
P2871-09	A4C58	Solid	(DEL) Alkane: Straight-Chain24.1 *	910.000	J			
P2871-09	A4C58	Solid	(DEL) Alkane: Straight-Chain26.3 *	1,100.000	J			
P2871-09	A4C58	Solid	1-Heneicosyl formate *	430.000	J			
P2871-09	A4C58	Solid	1-Phenoxypropan-2-ol *	82.000	J			
P2871-09	A4C58	Solid	Butane, 2-methoxy-2-methyl- *	1,400.000	J			
P2871-09	A4C58	Solid	n-Hexadecanoic acid *	230.000	J			
P2871-09	A4C58	Solid	Octacosanol *	630.000	J			
P2871-09	A4C58	Solid	Octadecanal *	240.000	J			
P2871-09	A4C58	Solid	Octadecanoic acid *	170.000	J			
P2871-09	A4C58	Solid	Oxirane, heptadecyl- *	960.000	J			
P2871-09	A4C58	Solid	Pentadecafluorooctanoic acid, octa *	670.000	J			
P2871-09	A4C58	Solid	unknown-01 *	180.000	J			
P2871-09	A4C58	Solid	unknown-02 *	130.000	J			
P2871-09	A4C58	Solid	Total Alkanes *	3,000.000		26	190	ug/Kg
Total Tics :				11,132.00				
P2871-09	A4C58	Solid	Benzo(a)anthracene	48.000	J	30	190	ug/Kg
P2871-09	A4C58	Solid	Benzo(b)fluoranthene	69.000	J	36	190	ug/Kg
P2871-09	A4C58	Solid	Chrysene	56.000	J	34	190	ug/Kg
P2871-09	A4C58	Solid	Fluoranthene	90.000	J	60	190	ug/Kg
P2871-09	A4C58	Solid	Phenanthrene	62.000	J	32	190	ug/Kg
P2871-09	A4C58	Solid	Pyrene	74.000	J	54	190	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Svoc :				399.00				
Total Concentration:				11,531.00				
Client ID : A4CJ2								
P2871-12	A4CJ2	Solid	1-Decanol, 2-hexyl-	*	190.000	J		
P2871-12	A4CJ2	Solid	1-Phenoxypropan-2-ol	*	180.000	J		
P2871-12	A4CJ2	Solid	n-Hexadecanoic acid	*	200.000	J		
P2871-12	A4CJ2	Solid	Octadecanoic acid	*	88.000	J		
P2871-12	A4CJ2	Solid	Propylene Glycol	*	110.000	J		
P2871-12	A4CJ2	Solid	Total Alkanes	*	0.000	29	200	ug/Kg
Total Tics :				768.00				
Total Concentration:				768.00				
Client ID : A4CN3								
P2871-13	A4CN3	Solid	(DEL) Alkane: Straight-Chain21.3	*	99.000	J		
P2871-13	A4CN3	Solid	1-Phenoxypropan-2-ol	*	87.000	J		
P2871-13	A4CN3	Solid	n-Hexadecanoic acid	*	190.000	J		
P2871-13	A4CN3	Solid	Total Alkanes	*	99.000	26	190	ug/Kg
Total Tics :				475.00				
Total Concentration:				475.00				
Client ID : A4CN4								
P2871-14	A4CN4	Solid	(DEL) Alkane: Straight-Chain24.1	*	2,000.000	J		
P2871-14	A4CN4	Solid	(DEL) Alkane: Straight-Chain24.2	*	640.000	J		
P2871-14	A4CN4	Solid	(DEL) Alkane: Straight-Chain26.3	*	1,100.000	J		
P2871-14	A4CN4	Solid	1-Heptacosanol	*	1,100.000	J		
P2871-14	A4CN4	Solid	1-Phenoxypropan-2-ol	*	210.000	J		
P2871-14	A4CN4	Solid	Dotriacontanal	*	320.000	J		
P2871-14	A4CN4	Solid	Isopropyl Alcohol	*	130.000	J		
P2871-14	A4CN4	Solid	n-Hexadecanoic acid	*	510.000	J		
P2871-14	A4CN4	Solid	Octadecanoic acid	*	230.000	J		
P2871-14	A4CN4	Solid	Pentadecafluorooctanoic acid, octa	*	720.000	J		
P2871-14	A4CN4	Solid	Tetracosanal	*	440.000	J		
P2871-14	A4CN4	Solid	unknown-01	*	240.000	J		
P2871-14	A4CN4	Solid	Total Alkanes	*	3,700.000	38	270	ug/Kg
Total Tics :				11,340.00				
P2871-14	A4CN4	Solid	Benzo(a)anthracene		170.000	J	43	ug/Kg
P2871-14	A4CN4	Solid	Benzo(a)pyrene		100.000	J	51	ug/Kg
P2871-14	A4CN4	Solid	Benzo(b)fluoranthene		260.000	J	52	ug/Kg
P2871-14	A4CN4	Solid	Benzo(k)fluoranthene		90.000	J	60	ug/Kg
P2871-14	A4CN4	Solid	Chrysene		190.000	J	49	ug/Kg
P2871-14	A4CN4	Solid	Fluoranthene		440.000		85	ug/Kg

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SDG No.: BP070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2871-14	A4CN4	Solid	Indeno(1,2,3-cd)pyrene	84.000	J	49	270	ug/Kg
P2871-14	A4CN4	Solid	Phenanthrene	180.000	J	46	270	ug/Kg
P2871-14	A4CN4	Solid	Pyrene	310.000		77	270	ug/Kg
Total Svoc :				1,824.00				
Total Concentration:				13,164.00				
Client ID : A4CN5								
P2871-15	A4CN5	Solid	1-Heneicosanol	*	430.000	J		
P2871-15	A4CN5	Solid	1-Phenoxypropan-2-ol	*	160.000	J		
P2871-15	A4CN5	Solid	n-Hexadecanoic acid	*	310.000	J		
P2871-15	A4CN5	Solid	n-Tetracosanol-1	*	470.000	J		
P2871-15	A4CN5	Solid	Octadecanoic acid	*	120.000	J		
P2871-15	A4CN5	Solid	Propylene Glycol	*	160.000	J		
P2871-15	A4CN5	Solid	Total Alkanes	*	0.000	33	230	ug/Kg
Total Tics :				1,650.00				
Total Concentration:				1,650.00				
Client ID : A4CN7								
P2871-16	A4CN7	Solid	(DEL) Alkane: Straight-Chain19.(	*	77.000	J		
P2871-16	A4CN7	Solid	(DEL) Alkane: Straight-Chain19.(	*	87.000	J		
P2871-16	A4CN7	Solid	(DEL) Alkane: Straight-Chain20.2	*	200.000	J		
P2871-16	A4CN7	Solid	(DEL) Alkane: Straight-Chain21.5	*	280.000	J		
P2871-16	A4CN7	Solid	(DEL) Alkane: Straight-Chain22.4	*	3,400.000	J		
P2871-16	A4CN7	Solid	(DEL) Alkane: Straight-Chain23.2	*	230.000	J		
P2871-16	A4CN7	Solid	(DEL) Alkane: Straight-Chain24.1	*	3,700.000	J		
P2871-16	A4CN7	Solid	(DEL) Alkane: Straight-Chain24.2	*	3,200.000	J		
P2871-16	A4CN7	Solid	(DEL) Alkane: Straight-Chain25.1	*	410.000	J		
P2871-16	A4CN7	Solid	(DEL) Alkane: Straight-Chain26.4	*	7,300.000	J		
P2871-16	A4CN7	Solid	(DEL) Alkane: Straight-Chain29.4	*	550.000	J		
P2871-16	A4CN7	Solid	(DEL) Alkane: Straight-Chain29.8	*	150.000	J		
P2871-16	A4CN7	Solid	(E)-Hexadec-9-enoic acid	*	100.000	J		
P2871-16	A4CN7	Solid	(Z)-14-Tricosenyl formate	*	400.000	J		
P2871-16	A4CN7	Solid	.gamma.-Sitosterol	*	4,000.000	J		
P2871-16	A4CN7	Solid	1,19-Eicosadiene	*	480.000	J		
P2871-16	A4CN7	Solid	1-Heptacosanol	*	3,200.000	J		
P2871-16	A4CN7	Solid	1-Phenoxypropan-2-ol	*	150.000	J		
P2871-16	A4CN7	Solid	2-Heptacosanone	*	330.000	J		
P2871-16	A4CN7	Solid	2-Pentacosanone	*	670.000	J		
P2871-16	A4CN7	Solid	3-Methoxy-5-(2-phenylethyl)-2-pi	*	120.000	J		
P2871-16	A4CN7	Solid	Benzaldehyde, 3-hydroxy-4-metho	*	170.000	J		
P2871-16	A4CN7	Solid	Benzyl (E)-ferulate	*	140.000	J		

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SDG No.: BP070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2871-16	A4CN7	Solid	Benzyl trans-4-coumarate	*	110.000	J		
P2871-16	A4CN7	Solid	cis-11-Eicosenoic acid	*	110.000	J		
P2871-16	A4CN7	Solid	E-14-Hexadecenal	*	280.000	J		
P2871-16	A4CN7	Solid	Ergost-5-en-3-ol, (3.beta.)-	*	880.000	J		
P2871-16	A4CN7	Solid	Heptacosanal	*	620.000	J		
P2871-16	A4CN7	Solid	Hexacosanal	*	210.000	J		
P2871-16	A4CN7	Solid	Hexadecanal	*	2,300.000	J		
P2871-16	A4CN7	Solid	n-Hexadecanoic acid	*	760.000	J		
P2871-16	A4CN7	Solid	n-Nonadecanol-1	*	210.000	J		
P2871-16	A4CN7	Solid	Octadecanal	*	1,300.000	J		
P2871-16	A4CN7	Solid	Octadecanoic acid	*	430.000	J		
P2871-16	A4CN7	Solid	Oxirane, hexadecyl-	*	4,600.000	J		
P2871-16	A4CN7	Solid	Pentadecafluorooctanoic acid, octa	*	1,700.000	J		
P2871-16	A4CN7	Solid	Propylene Glycol	*	150.000	J		
P2871-16	A4CN7	Solid	Stigmasterol	*	590.000	J		
P2871-16	A4CN7	Solid	Tetracosanoic acid	*	250.000	J		
P2871-16	A4CN7	Solid	trans-Cinnamic acid	*	170.000	J		
P2871-16	A4CN7	Solid	Tridecane, 1-iodo-	*	150.000	J		
P2871-16	A4CN7	Solid	unknown-01	*	180.000	J		
P2871-16	A4CN7	Solid	Total Alkanes	*	20,000.000	26	190	ug/Kg
Total Tics :					64,344.00			
P2871-16	A4CN7	Solid	Benzo(a)anthracene		100.000	J 30	190	ug/Kg
P2871-16	A4CN7	Solid	Benzo(a)pyrene		67.000	J 35	190	ug/Kg
P2871-16	A4CN7	Solid	Benzo(b)fluoranthene		180.000	J 36	190	ug/Kg
P2871-16	A4CN7	Solid	Benzo(k)fluoranthene		62.000	J 42	190	ug/Kg
P2871-16	A4CN7	Solid	Bis(2-ethylhexyl)phthalate		110.000	J 110	190	ug/Kg
P2871-16	A4CN7	Solid	Chrysene		130.000	J 34	190	ug/Kg
P2871-16	A4CN7	Solid	Fluoranthene		290.000	60	190	ug/Kg
P2871-16	A4CN7	Solid	Indeno(1,2,3-cd)pyrene		60.000	J 34	190	ug/Kg
P2871-16	A4CN7	Solid	Phenanthrene		130.000	J 32	190	ug/Kg
P2871-16	A4CN7	Solid	Pyrene		200.000	54	190	ug/Kg
Total Svoc :					1,329.00			
Total Concentration:					65,673.00			
Client ID : A4CN6								
P2871-20	A4CN6	Solid	(DEL) Alkane: Straight-Chain21.3	*	290.000	J		
P2871-20	A4CN6	Solid	1-Phenoxypropan-2-ol	*	180.000	J		
P2871-20	A4CN6	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	110.000	J		
P2871-20	A4CN6	Solid	n-Hexadecanoic acid	*	170.000	J		
P2871-20	A4CN6	Solid	Propylene Glycol	*	180.000	J		
P2871-20	A4CN6	Solid	Total Alkanes	*	290.000	29	210	ug/Kg

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SDG No.: BP070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Tics :		1,220.00			
			Total Concentration:		1,220.00			
Client ID : A4B54								
P2871-23	A4B54	Solid	1,1-Biphenyl, 2,2,5-trichloro-	*	130.000	J		
P2871-23	A4B54	Solid	1,1-Biphenyl, 2,2-dichloro-	*	400.000	J		
P2871-23	A4B54	Solid	1,1-Biphenyl, 2,3,3-trichloro-	*	220.000	J		
P2871-23	A4B54	Solid	1,1-Biphenyl, 2,3-dichloro-	*	190.000	J		
P2871-23	A4B54	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	220.000	J		
P2871-23	A4B54	Solid	1,1-Biphenyl, 2,4-dichloro-	*	270.000	J		
P2871-23	A4B54	Solid	1,1-Biphenyl, 2-chloro-	*	130.000	J		
P2871-23	A4B54	Solid	1-Phenoxypropan-2-ol	*	150.000	J		
P2871-23	A4B54	Solid	11H-Benzo[b]fluorene	*	88.000	J		
P2871-23	A4B54	Solid	3-Penten-2-ol	*	87.000	J		
P2871-23	A4B54	Solid	Anthracene, 2-methyl-	*	180.000	J		
P2871-23	A4B54	Solid	Cyclopenta(def)phenanthrene	*	89.000	J		
P2871-23	A4B54	Solid	Dibenzothiophene	*	92.000	J		
P2871-23	A4B54	Solid	Naphthalene, 2-phenyl-	*	91.000	J		
P2871-23	A4B54	Solid	Phenanthrene, 1-methyl-	*	490.000	J		
P2871-23	A4B54	Solid	Propylene Glycol	*	100.000	J		
P2871-23	A4B54	Solid	Silane, tetramethyl-	*	210.000	J		
P2871-23	A4B54	Solid	unknown-01	*	340.000	J		
P2871-23	A4B54	Solid	unknown-02	*	140.000	J		
P2871-23	A4B54	Solid	Total Alkanes	*	0.000	31	220	ug/Kg
			Total Tics :		3,617.00			
P2871-23	A4B54	Solid	Acenaphthene		96.000	J	38	220 ug/Kg
P2871-23	A4B54	Solid	Anthracene		300.000		33	220 ug/Kg
P2871-23	A4B54	Solid	Benzo(a)anthracene		520.000		35	220 ug/Kg
P2871-23	A4B54	Solid	Benzo(a)pyrene		230.000		42	220 ug/Kg
P2871-23	A4B54	Solid	Benzo(b)fluoranthene		520.000		43	220 ug/Kg
P2871-23	A4B54	Solid	Benzo(k)fluoranthene		200.000	J	50	220 ug/Kg
P2871-23	A4B54	Solid	Carbazole		140.000	J	37	430 ug/Kg
P2871-23	A4B54	Solid	Chrysene		500.000		40	220 ug/Kg
P2871-23	A4B54	Solid	Dibenzo(a,h)anthracene		66.000	J	37	220 ug/Kg
P2871-23	A4B54	Solid	Dibenzofuran		88.000	J	42	220 ug/Kg
P2871-23	A4B54	Solid	Fluoranthene		1,200.000		71	220 ug/Kg
P2871-23	A4B54	Solid	Fluorene		130.000	J	33	220 ug/Kg
P2871-23	A4B54	Solid	Indeno(1,2,3-cd)pyrene		140.000	J	40	220 ug/Kg
P2871-23	A4B54	Solid	Naphthalene		58.000	J	33	220 ug/Kg
P2871-23	A4B54	Solid	Phenanthrene		1,200.000		38	220 ug/Kg
P2871-23	A4B54	Solid	Pyrene		760.000		64	220 ug/Kg

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SDG No.: BP070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	6,148.00				
			Total Concentration:	9,765.00				
Client ID : C0SL3DL								
P2897-08DL	C0SL3DL	Solid	1a,9b-Dihydro-1H-cyclopropa[a]a *	27,000.000	JD			
P2897-08DL	C0SL3DL	Solid	1H-Indene, 1-methyl-	*	23,000.000	JD		
P2897-08DL	C0SL3DL	Solid	2-Methylindene	*	28,000.000	JD		
P2897-08DL	C0SL3DL	Solid	4H-Cyclopenta[def]phenanthrene *	70,000.000	JD			
P2897-08DL	C0SL3DL	Solid	9,10-Dimethylanthracene	*	26,000.000	JD		
P2897-08DL	C0SL3DL	Solid	9H-Fluorene, 2-methyl-	*	25,000.000	JD		
P2897-08DL	C0SL3DL	Solid	Benzene, 1-ethenyl-2-methyl-	*	62,000.000	JD		
P2897-08DL	C0SL3DL	Solid	Dibenzothiophene	*	28,000.000	JD		
P2897-08DL	C0SL3DL	Solid	Indene	*	41,000.000	JD		
P2897-08DL	C0SL3DL	Solid	Naphthalene, 1,5-dimethyl-	*	29,000.000	JD		
P2897-08DL	C0SL3DL	Solid	Naphthalene, 1,6-dimethyl-	*	24,000.000	JD		
P2897-08DL	C0SL3DL	Solid	Naphthalene, 2,3-dimethyl-	*	61,000.000	JD		
P2897-08DL	C0SL3DL	Solid	Phenanthrene, 1-methyl-	*	51,000.000	JD		
P2897-08DL	C0SL3DL	Solid	Phenanthrene, 2-methyl-	*	46,000.000	JD		
P2897-08DL	C0SL3DL	Solid	unknown-01	*	25,000.000	JD		
P2897-08DL	C0SL3DL	Solid	Total Alkanes	*	0.000	D 8000	57000	ug/Kg
			Total Tics :	566,000.00				
P2897-08DL	C0SL3DL	Solid	1,1-Biphenyl	27,000.000	JD	8000	57000	ug/Kg
P2897-08DL	C0SL3DL	Solid	1-Methylnaphthalene	150,000.000	D	14000	57000	ug/Kg
P2897-08DL	C0SL3DL	Solid	2-Methylnaphthalene	260,000.000	D	7300	57000	ug/Kg
P2897-08DL	C0SL3DL	Solid	Acenaphthylene	72,000.000	D	9000	57000	ug/Kg
P2897-08DL	C0SL3DL	Solid	Anthracene	56,000.000	JD	7700	57000	ug/Kg
P2897-08DL	C0SL3DL	Solid	Benzo(a)anthracene	43,000.000	JD	6300	57000	ug/Kg
P2897-08DL	C0SL3DL	Solid	Benzo(a)pyrene	17,000.000	JD	13000	57000	ug/Kg
P2897-08DL	C0SL3DL	Solid	Benzo(b)fluoranthene	26,000.000	JD	13000	57000	ug/Kg
P2897-08DL	C0SL3DL	Solid	Chrysene	37,000.000	JD	8900	57000	ug/Kg
P2897-08DL	C0SL3DL	Solid	Fluoranthene	80,000.000	D	16000	57000	ug/Kg
P2897-08DL	C0SL3DL	Solid	Fluorene	71,000.000	D	8100	57000	ug/Kg
P2897-08DL	C0SL3DL	Solid	Naphthalene	440,000.000	D	8000	57000	ug/Kg
P2897-08DL	C0SL3DL	Solid	Phenanthrene	240,000.000	D	9600	57000	ug/Kg
P2897-08DL	C0SL3DL	Solid	Pyrene	93,000.000	D	13000	57000	ug/Kg
			Total Svoc :	1,612,000.00				
			Total Concentration:	2,178,000.00				
Client ID : C0T61DL								
P2897-14DL	C0T61DL	Solid	(DEL) Alkane: Straight-Chain11.5 *	43,000.000	JD			
P2897-14DL	C0T61DL	Solid	1,1-Biphenyl, 2-methyl-	*	110,000.000	JD		

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SDG No.: BP070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2897-14DL	C0T61DL	Solid	11H-Benzo[b]fluorene	* 55,000.000	JD			
P2897-14DL	C0T61DL	Solid	1H-Indene, 1-methyl-	* 160,000.000	JD			
P2897-14DL	C0T61DL	Solid	2-Methylindene	* 280,000.000	JD			
P2897-14DL	C0T61DL	Solid	4-Methylnaphtho[1,2-b]thiophene	* 60,000.000	JD			
P2897-14DL	C0T61DL	Solid	4H-Cyclopenta[def]phenanthrene	* 350,000.000	JD			
P2897-14DL	C0T61DL	Solid	9H-Fluorene, 1-methyl-	* 130,000.000	JD			
P2897-14DL	C0T61DL	Solid	9H-Fluorene, 2-methyl-	* 47,000.000	JD			
P2897-14DL	C0T61DL	Solid	9H-Fluorene, 3-methyl-	* 66,000.000	JD			
P2897-14DL	C0T61DL	Solid	9H-Fluorene, 9-methyl-	* 56,000.000	JD			
P2897-14DL	C0T61DL	Solid	Anthracene, 9-methyl-	* 140,000.000	JD			
P2897-14DL	C0T61DL	Solid	Benzene, (2-methyl-1-propenyl)-	* 86,000.000	JD			
P2897-14DL	C0T61DL	Solid	Benzene, 1,1-(1,3-butadiyne-1,4-d	* 63,000.000	JD			
P2897-14DL	C0T61DL	Solid	Benzene, 1-ethyl-3-methyl-	* 190,000.000	JD			
P2897-14DL	C0T61DL	Solid	Benzene, 4-ethyl-1,2-dimethyl-	* 88,000.000	JD			
P2897-14DL	C0T61DL	Solid	Benzene, 5-heptene-1,3-diyn-1-yl-	* 170,000.000	JD			
P2897-14DL	C0T61DL	Solid	Dibenzothiophene	* 140,000.000	JD			
P2897-14DL	C0T61DL	Solid	Dibenzothiophene, 4-methyl-	* 58,000.000	JD			
P2897-14DL	C0T61DL	Solid	Indene	* 520,000.000	JD			
P2897-14DL	C0T61DL	Solid	Indeno[2,1-a]indene, 5,10-dihydro	* 88,000.000	JD			
P2897-14DL	C0T61DL	Solid	Isoquinoline, 1-phenyl-	* 50,000.000	JD			
P2897-14DL	C0T61DL	Solid	Naphthalene, 1,6-dimethyl-	* 270,000.000	JD			
P2897-14DL	C0T61DL	Solid	Naphthalene, 1-ethyl-	* 240,000.000	JD			
P2897-14DL	C0T61DL	Solid	Naphthalene, 2,3-dimethyl-	* 130,000.000	JD			
P2897-14DL	C0T61DL	Solid	Naphthalene, 2,6-dimethyl-	* 300,000.000	JD			
P2897-14DL	C0T61DL	Solid	Naphthalene, 2-phenyl-	* 93,000.000	JD			
P2897-14DL	C0T61DL	Solid	Phenanthrene, 1-methyl-	* 110,000.000	JD			
P2897-14DL	C0T61DL	Solid	Phenanthrene, 2,5-dimethyl-	* 170,000.000	JD			
P2897-14DL	C0T61DL	Solid	Phenanthrene, 2-methyl-	* 240,000.000	JD			
P2897-14DL	C0T61DL	Solid	Phenanthrene, 4-methyl-	* 240,000.000	JD			
P2897-14DL	C0T61DL	Solid	Total Alkanes	* 43,000.000	D	7800	56000	ug/Kg
Total Tics :				4,786,000.00				
P2897-14DL	C0T61DL	Solid	1,1-Biphenyl	170,000.000	D	7800	56000	ug/Kg
P2897-14DL	C0T61DL	Solid	1-Methylnaphthalene	870,000.000	D	13000	56000	ug/Kg
P2897-14DL	C0T61DL	Solid	2-Methylnaphthalene	1,400,000.000	ED	7200	56000	ug/Kg
P2897-14DL	C0T61DL	Solid	Acenaphthene	540,000.000	D	9200	56000	ug/Kg
P2897-14DL	C0T61DL	Solid	Acenaphthylene	120,000.000	D	8800	56000	ug/Kg
P2897-14DL	C0T61DL	Solid	Anthracene	290,000.000	D	7600	56000	ug/Kg
P2897-14DL	C0T61DL	Solid	Benzo(a)anthracene	180,000.000	D	6200	56000	ug/Kg
P2897-14DL	C0T61DL	Solid	Benzo(a)pyrene	74,000.000	D	12000	56000	ug/Kg
P2897-14DL	C0T61DL	Solid	Benzo(b)fluoranthene	100,000.000	D	12000	56000	ug/Kg

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SDG No.: BP070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2897-14DL	C0T61DL	Solid	Benzo(k)fluoranthene	28,000.000	JD	8600	56000	ug/Kg
P2897-14DL	C0T61DL	Solid	Chrysene	160,000.000	D	8700	56000	ug/Kg
P2897-14DL	C0T61DL	Solid	Dibenzo(a,h)anthracene	14,000.000	JD	8600	56000	ug/Kg
P2897-14DL	C0T61DL	Solid	Dibenzofuran	41,000.000	JD	8100	56000	ug/Kg
P2897-14DL	C0T61DL	Solid	Fluoranthene	290,000.000	D	16000	56000	ug/Kg
P2897-14DL	C0T61DL	Solid	Fluorene	360,000.000	D	8000	56000	ug/Kg
P2897-14DL	C0T61DL	Solid	Indeno(1,2,3-cd)pyrene	28,000.000	JD	10000	56000	ug/Kg
P2897-14DL	C0T61DL	Solid	Naphthalene	2,600,000.000	ED	7800	56000	ug/Kg
P2897-14DL	C0T61DL	Solid	Phenanthrene	1,100,000.000	ED	9400	56000	ug/Kg
P2897-14DL	C0T61DL	Solid	Pyrene	360,000.000	D	12000	56000	ug/Kg
Total Svoc :				8,725,000.00				
Total Concentration:				13,511,000.00				
Client ID : C0T61DL2								
P2897-14DL2	C0T61DL2	Solid	1H-Phenalene	*	120,000.000	JD		
P2897-14DL2	C0T61DL2	Solid	2-Methylindene	*	160,000.000	JD		
P2897-14DL2	C0T61DL2	Solid	9,10-Dimethylanthracene	*	140,000.000	JD		
P2897-14DL2	C0T61DL2	Solid	9H-Fluorene, 1-methyl-	*	140,000.000	JD		
P2897-14DL2	C0T61DL2	Solid	Anthracene, 1-methyl-	*	360,000.000	JD		
P2897-14DL2	C0T61DL2	Solid	Anthracene, 2-methyl-	*	240,000.000	JD		
P2897-14DL2	C0T61DL2	Solid	Anthracene, 9-methyl-	*	120,000.000	JD		
P2897-14DL2	C0T61DL2	Solid	Benzene, (1-methyl-2-cyclopropyl)-	*	250,000.000	JD		
P2897-14DL2	C0T61DL2	Solid	Benzene, 1,1-(1,3-butadiyne-1,4-diyl)-	*	130,000.000	JD		
P2897-14DL2	C0T61DL2	Solid	Benzene, 1,2,3-trimethyl-	*	250,000.000	JD		
P2897-14DL2	C0T61DL2	Solid	Benzene, 1-ethyl-2-methyl-	*	220,000.000	JD		
P2897-14DL2	C0T61DL2	Solid	Benzene, 1-ethyl-4-methyl-	*	140,000.000	JD		
P2897-14DL2	C0T61DL2	Solid	Butane, 2-methoxy-2-methyl-	*	120,000.000	JD		
P2897-14DL2	C0T61DL2	Solid	Dibenzothiophene	*	140,000.000	JD		
P2897-14DL2	C0T61DL2	Solid	Fluorene-9-methanol	*	130,000.000	JD		
P2897-14DL2	C0T61DL2	Solid	Indene	*	610,000.000	JD		
P2897-14DL2	C0T61DL2	Solid	Naphthalene, 1,6,7-trimethyl-	*	130,000.000	JD		
P2897-14DL2	C0T61DL2	Solid	Naphthalene, 1,6-dimethyl-	*	430,000.000	JD		
P2897-14DL2	C0T61DL2	Solid	Naphthalene, 1,7-dimethyl-	*	360,000.000	JD		
P2897-14DL2	C0T61DL2	Solid	Naphthalene, 2,3-dimethyl-	*	180,000.000	JD		
P2897-14DL2	C0T61DL2	Solid	Naphthalene, 2,6-dimethyl-	*	180,000.000	JD		
P2897-14DL2	C0T61DL2	Solid	Naphthalene, 2-ethyl-	*	320,000.000	JD		
P2897-14DL2	C0T61DL2	Solid	Phenanthrene, 2-methyl-	*	230,000.000	JD		
P2897-14DL2	C0T61DL2	Solid	unknown-01	*	150,000.000	JD		
P2897-14DL2	C0T61DL2	Solid	Total Alkanes	*	0.000	D 39000	280000	ug/Kg
Total Tics :				5,250,000.00				
P2897-14DL2	C0T61DL2	Solid	1,1-Biphenyl		170,000.000	JD 39000	280000	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2897-14DL2	C0T61DL2	Solid	1-Methylnaphthalene	960,000.000	D	67000	280000	ug/Kg
P2897-14DL2	C0T61DL2	Solid	2-Methylnaphthalene	1,600,000.000	D	36000	280000	ug/Kg
P2897-14DL2	C0T61DL2	Solid	Acenaphthene	580,000.000	D	46000	280000	ug/Kg
P2897-14DL2	C0T61DL2	Solid	Acenaphthylene	120,000.000	JD	44000	280000	ug/Kg
P2897-14DL2	C0T61DL2	Solid	Anthracene	290,000.000	D	38000	280000	ug/Kg
P2897-14DL2	C0T61DL2	Solid	Benzo(a)anthracene	180,000.000	JD	31000	280000	ug/Kg
P2897-14DL2	C0T61DL2	Solid	Benzo(a)pyrene	71,000.000	JD	62000	280000	ug/Kg
P2897-14DL2	C0T61DL2	Solid	Benzo(b)fluoranthene	100,000.000	JD	62000	280000	ug/Kg
P2897-14DL2	C0T61DL2	Solid	Chrysene	160,000.000	JD	44000	280000	ug/Kg
P2897-14DL2	C0T61DL2	Solid	Fluoranthene	320,000.000	D	78000	280000	ug/Kg
P2897-14DL2	C0T61DL2	Solid	Fluorene	380,000.000	D	40000	280000	ug/Kg
P2897-14DL2	C0T61DL2	Solid	Naphthalene	3,100,000.000	D	39000	280000	ug/Kg
P2897-14DL2	C0T61DL2	Solid	Phenanthrene	1,100,000.000	D	47000	280000	ug/Kg
P2897-14DL2	C0T61DL2	Solid	Pyrene	390,000.000	D	62000	280000	ug/Kg

Total Svoc : 9,521,000.00

Total Concentration: 14,771,000.00

Client ID : A4CP9DL

P2934-13DL	A4CP9DL	Solid	Butane, 2-methoxy-2-methyl-	*	3,400.000	JD		
P2934-13DL	A4CP9DL	Solid	Total Alkanes	*	0.000	D 180	1300	ug/Kg

Total Tics : 3,400.00

P2934-13DL	A4CP9DL	Solid	Benzo(a)anthracene		510.000	JD 200	1300	ug/Kg
P2934-13DL	A4CP9DL	Solid	Benzo(b)fluoranthene		630.000	JD 250	1300	ug/Kg
P2934-13DL	A4CP9DL	Solid	Bis(2-ethylhexyl)phthalate		5,200.000	D 730	1300	ug/Kg
P2934-13DL	A4CP9DL	Solid	Chrysene		530.000	JD 230	1300	ug/Kg
P2934-13DL	A4CP9DL	Solid	Fluoranthene		1,300.000	D 410	1300	ug/Kg
P2934-13DL	A4CP9DL	Solid	Phenanthrene		1,200.000	JD 220	1300	ug/Kg
P2934-13DL	A4CP9DL	Solid	Pyrene		890.000	JD 370	1300	ug/Kg

Total Svoc : 10,260.00

Total Concentration: 13,660.00

Client ID : C0T76

P2962-04	C0T76	Solid	(DEL) Alkane: Cyclic11.198	*	190.000	J		
P2962-04	C0T76	Solid	(DEL) Alkane: Cyclic4.99.	*	86.000	J		
P2962-04	C0T76	Solid	(DEL) Alkane: Cyclic5.228	*	180.000	J		
P2962-04	C0T76	Solid	(DEL) Alkane: Cyclic5.581	*	89.000	J		
P2962-04	C0T76	Solid	(DEL) Alkane: Cyclic5.734	*	210.000	J		
P2962-04	C0T76	Solid	(DEL) Alkane: Cyclic5.799	*	160.000	J		
P2962-04	C0T76	Solid	(DEL) Alkane: Cyclic5.863	*	100.000	J		
P2962-04	C0T76	Solid	(DEL) Alkane: Cyclic6.052	*	530.000	J		
P2962-04	C0T76	Solid	(DEL) Alkane: Cyclic6.428	*	790.000	J		

Hit Summary Sheet SW-846

SDG No.: BP070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2962-04	C0T76	Solid	(DEL) Alkane: Cyclic6.534	*	150.000	J		
P2962-04	C0T76	Solid	(DEL) Alkane: Cyclic6.593	*	200.000	J		
P2962-04	C0T76	Solid	(DEL) Alkane: Cyclic6.869	*	180.000	J		
P2962-04	C0T76	Solid	(DEL) Alkane: Cyclic7.193	*	140.000	J		
P2962-04	C0T76	Solid	(DEL) Alkane: Cyclic8.069	*	410.000	J		
P2962-04	C0T76	Solid	(DEL) Alkane: Straight-Chain10.6	*	320.000	J		
P2962-04	C0T76	Solid	(DEL) Alkane: Straight-Chain11.4	*	130.000	J		
P2962-04	C0T76	Solid	(DEL) Alkane: Straight-Chain11.5	*	150.000	J		
P2962-04	C0T76	Solid	(DEL) Alkane: Straight-Chain5.36	*	200.000	J		
P2962-04	C0T76	Solid	(DEL) Alkane: Straight-Chain5.61	*	170.000	J		
P2962-04	C0T76	Solid	(DEL) Alkane: Straight-Chain6.16	*	270.000	J		
P2962-04	C0T76	Solid	(DEL) Alkane: Straight-Chain6.31	*	390.000	J		
P2962-04	C0T76	Solid	(DEL) Alkane: Straight-Chain6.61	*	400.000	J		
P2962-04	C0T76	Solid	(DEL) Alkane: Straight-Chain7.58	*	200.000	J		
P2962-04	C0T76	Solid	(DEL) Alkane: Straight-Chain7.84	*	300.000	J		
P2962-04	C0T76	Solid	(DEL) Alkane: Straight-Chain7.96	*	300.000	J		
P2962-04	C0T76	Solid	(DEL) Alkane: Straight-Chain8.02	*	170.000	J		
P2962-04	C0T76	Solid	(DEL) Alkane: Straight-Chain8.25	*	270.000	J		
P2962-04	C0T76	Solid	(DEL) Alkane: Straight-Chain8.31	*	150.000	J		
P2962-04	C0T76	Solid	(DEL) Alkane: Straight-Chain8.52	*	200.000	J		
P2962-04	C0T76	Solid	(DEL) Alkane: Straight-Chain9.81	*	510.000	J		
P2962-04	C0T76	Solid	1,3,8-p-Menthatriene	*	1,900.000	J		
P2962-04	C0T76	Solid	Benzene, (1,1-dimethylpropyl)-	*	520.000	J		
P2962-04	C0T76	Solid	Benzene, 1,2,4,5-tetramethyl-	*	1,700.000	J		
P2962-04	C0T76	Solid	Benzene, 1,2-diethyl-	*	140.000	J		
P2962-04	C0T76	Solid	Benzene, 1,3-diethyl-	*	590.000	J		
P2962-04	C0T76	Solid	Benzene, 1-ethyl-3,5-dimethyl-	*	2,400.000	J		
P2962-04	C0T76	Solid	Benzene, 1-ethyl-3-(1-methylethyl)-	*	110.000	J		
P2962-04	C0T76	Solid	Benzene, 1-ethyl-4-(1-methylethyl)-	*	200.000	J		
P2962-04	C0T76	Solid	Benzene, 1-methyl-4-(1-methylpropyl)-	*	410.000	J		
P2962-04	C0T76	Solid	Benzene, 2-ethyl-1,4-dimethyl-	*	110.000	J		
P2962-04	C0T76	Solid	Benzene, 4-ethyl-1,2-dimethyl-	*	2,100.000	J		
P2962-04	C0T76	Solid	Benzene, propyl-	*	340.000	J		
P2962-04	C0T76	Solid	Cyclohexanone, 3-methyl-2-(1-methylpropyl)-	*	110.000	J		
P2962-04	C0T76	Solid	Cyclohexene, 1-butyl-	*	210.000	J		
P2962-04	C0T76	Solid	Naphthalene, decahydro-	*	300.000	J		
P2962-04	C0T76	Solid	Naphthalene, decahydro-2-methyl-	*	1,500.000	J		
P2962-04	C0T76	Solid	Oxalic acid, cyclohexylmethyl iso	*	200.000	J		
P2962-04	C0T76	Solid	trans-Decalin, 2-methyl-	*	1,700.000	J		
P2962-04	C0T76	Solid	unknown-01	*	490.000	J		

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SDG No.: BP070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2962-04	C0T76	Solid	unknown-02	*	190.000	J		
P2962-04	C0T76	Solid	unknown-03	*	350.000	J		
P2962-04	C0T76	Solid	unknown-04	*	400.000	J		
P2962-04	C0T76	Solid	unknown-05	*	1,100.000	J		
P2962-04	C0T76	Solid	unknown-06	*	170.000	J		
P2962-04	C0T76	Solid	Total Alkanes	*	7,500.000	26	190	ug/Kg
Total Tics :				32,285.00				
P2962-04	C0T76	Solid	1-Methylnaphthalene		240.000	36	190	ug/Kg
P2962-04	C0T76	Solid	2-Methylnaphthalene		480.000	25	190	ug/Kg
P2962-04	C0T76	Solid	Naphthalene		3,700.000	E 28	190	ug/Kg
Total Svoc :				4,420.00				
Total Concentration:				36,705.00				
Client ID : C0T77								
P2962-05	C0T77	Solid	(DEL) Alkane: Straight-Chain21.3	*	150.000	J		
P2962-05	C0T77	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P2962-05	C0T77	Solid	n-Hexadecanoic acid	*	160.000	J		
P2962-05	C0T77	Solid	Propylene Glycol	*	99.000	J		
P2962-05	C0T77	Solid	Total Alkanes	*	150.000	28	190	ug/Kg
Total Tics :				669.00				
Total Concentration:				669.00				
Client ID : C0T78								
P2962-06	C0T78	Solid	(DEL) Alkane: Straight-Chain21.3	*	3,800.000	J		
P2962-06	C0T78	Solid	1-Methyldibenzothiophene	*	7,900.000	J		
P2962-06	C0T78	Solid	1H-Indene, 1-methyl-	*	19,000.000	J		
P2962-06	C0T78	Solid	1H-Phenalene	*	8,500.000	J		
P2962-06	C0T78	Solid	2-Methylindene	*	31,000.000	J		
P2962-06	C0T78	Solid	4H-Cyclopenta[def]phenanthrene	*	43,000.000	J		
P2962-06	C0T78	Solid	9H-Fluorene, 1-methyl-	*	14,000.000	J		
P2962-06	C0T78	Solid	9H-Fluorene, 2-methyl-	*	6,300.000	J		
P2962-06	C0T78	Solid	Anthracene, 2-methyl-	*	12,000.000	J		
P2962-06	C0T78	Solid	Anthracene, 9-methyl-	*	16,000.000	J		
P2962-06	C0T78	Solid	Benzene, 1,2,3-trimethyl-	*	8,500.000	J		
P2962-06	C0T78	Solid	Benzene, 1,3-dimethyl-	*	20,000.000	J		
P2962-06	C0T78	Solid	Benzene, 1-ethyl-2-methyl-	*	24,000.000	J		
P2962-06	C0T78	Solid	Benzene, 2-butenyl-	*	12,000.000	J		
P2962-06	C0T78	Solid	Benzene, 2-ethyl-1,3-dimethyl-	*	10,000.000	J		
P2962-06	C0T78	Solid	Benzene, 5-heptene-1,3-diyn-1-yl-	*	18,000.000	J		
P2962-06	C0T78	Solid	Benzo[e]pyrene	*	6,200.000	J		
P2962-06	C0T78	Solid	Dibenzothiophene	*	17,000.000	J		

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SDG No.: BP070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2962-06	C0T78	Solid	Dibenzothiophene, 3-methyl-	* 7,400.000	J			
P2962-06	C0T78	Solid	Indene	* 71,000.000	J			
P2962-06	C0T78	Solid	Indeno[2,1-a]indene, 5,10-dihydro	* 12,000.000	J			
P2962-06	C0T78	Solid	Naphthalene, 1,5-dimethyl-	* 11,000.000	J			
P2962-06	C0T78	Solid	Naphthalene, 1,6-dimethyl-	* 14,000.000	J			
P2962-06	C0T78	Solid	Naphthalene, 1-ethyl-	* 21,000.000	J			
P2962-06	C0T78	Solid	Naphthalene, 2,3-dimethyl-	* 27,000.000	J			
P2962-06	C0T78	Solid	Naphthalene, 2-phenyl-	* 11,000.000	J			
P2962-06	C0T78	Solid	Phenanthrene, 2,5-dimethyl-	* 20,000.000	J			
P2962-06	C0T78	Solid	Phenanthrene, 2-methyl-	* 32,000.000	J			
P2962-06	C0T78	Solid	Phenanthrene, 4-methyl-	* 31,000.000	J			
P2962-06	C0T78	Solid	unknown-01	* 10,000.000	J			
P2962-06	C0T78	Solid	unknown-02	* 6,800.000	J			
P2962-06	C0T78	Solid	Total Alkanes	* 3,800.000		750	5300	ug/Kg
Total Tics :				555,200.00				
P2962-06	C0T78	Solid	1,1-Biphenyl	18,000.000		750	5300	ug/Kg
P2962-06	C0T78	Solid	1-Methylnaphthalene	86,000.000	E	1300	5300	ug/Kg
P2962-06	C0T78	Solid	2-Methylnaphthalene	150,000.000	E	680	5300	ug/Kg
P2962-06	C0T78	Solid	Acenaphthene	15,000.000		880	5300	ug/Kg
P2962-06	C0T78	Solid	Acenaphthylene	65,000.000		840	5300	ug/Kg
P2962-06	C0T78	Solid	Anthracene	35,000.000		730	5300	ug/Kg
P2962-06	C0T78	Solid	Benzo(a)anthracene	24,000.000		590	5300	ug/Kg
P2962-06	C0T78	Solid	Benzo(a)pyrene	19,000.000		1200	5300	ug/Kg
P2962-06	C0T78	Solid	Benzo(b)fluoranthene	15,000.000		1200	5300	ug/Kg
P2962-06	C0T78	Solid	Benzo(g,h,i)perylene	7,600.000		980	5300	ug/Kg
P2962-06	C0T78	Solid	Benzo(k)fluoranthene	4,400.000	J	820	5300	ug/Kg
P2962-06	C0T78	Solid	Chrysene	21,000.000		830	5300	ug/Kg
P2962-06	C0T78	Solid	Dibenzo(a,h)anthracene	2,000.000	J	820	5300	ug/Kg
P2962-06	C0T78	Solid	Dibenzofuran	4,300.000	J	770	5300	ug/Kg
P2962-06	C0T78	Solid	Fluoranthene	37,000.000		1500	5300	ug/Kg
P2962-06	C0T78	Solid	Fluorene	42,000.000		760	5300	ug/Kg
P2962-06	C0T78	Solid	Indeno(1,2,3-cd)pyrene	5,600.000		970	5300	ug/Kg
P2962-06	C0T78	Solid	Naphthalene	340,000.000	E	750	5300	ug/Kg
P2962-06	C0T78	Solid	Phenanthrene	130,000.000	E	900	5300	ug/Kg
P2962-06	C0T78	Solid	Pyrene	57,000.000		1200	5300	ug/Kg
Total Svoc :				1,077,900.00				
Total Concentration:				1,633,100.00				
Client ID : C0T79								
P2962-07	C0T79	Solid	11H-Benzo[a]fluorene	* 2,200.000	J			
P2962-07	C0T79	Solid	11H-Benzo[b]fluorene	* 2,600.000	J			

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SDG No.: BP070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2962-07	C0T79	Solid	1H-Indene, 1-methyl-	* 4,700.000	J			
P2962-07	C0T79	Solid	1H-Indene, 1-phenyl-	* 3,500.000	J			
P2962-07	C0T79	Solid	1H-Phenylene	* 3,100.000	J			
P2962-07	C0T79	Solid	2-Methylindene	* 7,100.000	J			
P2962-07	C0T79	Solid	4H-Cyclopenta[def]phenanthrene	* 11,000.000	J			
P2962-07	C0T79	Solid	9H-Fluorene, 2-methyl-	* 3,900.000	J			
P2962-07	C0T79	Solid	Anthracene, 1-methyl-	* 7,000.000	J			
P2962-07	C0T79	Solid	Anthracene, 2-methyl-	* 2,800.000	J			
P2962-07	C0T79	Solid	Benzene, (2-methyl-2-propenyl)-	* 3,200.000	J			
P2962-07	C0T79	Solid	Benzene, 1,1-(1,3-butadiene-1,4-d	* 4,700.000	J			
P2962-07	C0T79	Solid	Benzene, 1,2,3-trimethyl-	* 2,100.000	J			
P2962-07	C0T79	Solid	Benzene, 1,3-dimethyl-	* 5,200.000	J			
P2962-07	C0T79	Solid	Benzene, 1-ethyl-2-methyl-	* 10,000.000	J			
P2962-07	C0T79	Solid	Benzene, 1-ethyl-3-methyl-	* 4,900.000	J			
P2962-07	C0T79	Solid	Benzene, 5-heptene-1,3-dien-1-yl-	* 4,700.000	J			
P2962-07	C0T79	Solid	Butane, 2-methoxy-2-methyl-	* 26,000.000	J			
P2962-07	C0T79	Solid	Ethanol, 2-(tetradecyloxy)-	* 4,100.000	J			
P2962-07	C0T79	Solid	Indene	* 19,000.000	J			
P2962-07	C0T79	Solid	Indeno[2,1-a]indene, 5,10-dihydro	* 2,700.000	J			
P2962-07	C0T79	Solid	Naphthalene, 1,5-dimethyl-	* 9,600.000	J			
P2962-07	C0T79	Solid	Naphthalene, 1,6-dimethyl-	* 8,500.000	J			
P2962-07	C0T79	Solid	Naphthalene, 1-ethyl-	* 5,300.000	J			
P2962-07	C0T79	Solid	Naphthalene, 2,3-dimethyl-	* 3,700.000	J			
P2962-07	C0T79	Solid	Naphthalene, 2-(1-methylethenyl)	* 3,500.000	J			
P2962-07	C0T79	Solid	Naphthalene, 2-phenyl-	* 2,800.000	J			
P2962-07	C0T79	Solid	Naphtho[2,1-b]thiophene	* 4,600.000	J			
P2962-07	C0T79	Solid	Phenanthrene, 2,5-dimethyl-	* 4,100.000	J			
P2962-07	C0T79	Solid	Phenanthrene, 2-methyl-	* 11,000.000	J			
P2962-07	C0T79	Solid	Total Alkanes	* 0.000		740	5300	ug/Kg
Total Tics :				187,600.00				
P2962-07	C0T79	Solid	1,1-Biphenyl	4,800.000	J	740	5300	ug/Kg
P2962-07	C0T79	Solid	1-Methylnaphthalene	26,000.000		1300	5300	ug/Kg
P2962-07	C0T79	Solid	2-Methylnaphthalene	44,000.000		670	5300	ug/Kg
P2962-07	C0T79	Solid	Acenaphthene	3,300.000	J	860	5300	ug/Kg
P2962-07	C0T79	Solid	Acenaphthylene	19,000.000		830	5300	ug/Kg
P2962-07	C0T79	Solid	Anthracene	9,700.000		720	5300	ug/Kg
P2962-07	C0T79	Solid	Benzo(a)anthracene	6,500.000		580	5300	ug/Kg
P2962-07	C0T79	Solid	Benzo(a)pyrene	5,300.000		1200	5300	ug/Kg
P2962-07	C0T79	Solid	Benzo(b)fluoranthene	3,800.000	J	1200	5300	ug/Kg
P2962-07	C0T79	Solid	Benzo(g,h,i)perylene	2,100.000	J	970	5300	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2962-07	C0T79	Solid	Benzo(k)fluoranthene	1,400.000	J	810	5300	ug/Kg
P2962-07	C0T79	Solid	Chrysene	5,500.000		820	5300	ug/Kg
P2962-07	C0T79	Solid	Dibenzofuran	1,300.000	J	760	5300	ug/Kg
P2962-07	C0T79	Solid	Fluoranthene	12,000.000		1500	5300	ug/Kg
P2962-07	C0T79	Solid	Fluorene	12,000.000		750	5300	ug/Kg
P2962-07	C0T79	Solid	Indeno(1,2,3-cd)pyrene	1,500.000	J	960	5300	ug/Kg
P2962-07	C0T79	Solid	Naphthalene	100,000.000	E	740	5300	ug/Kg
P2962-07	C0T79	Solid	Phenanthrene	37,000.000		890	5300	ug/Kg
P2962-07	C0T79	Solid	Pyrene	17,000.000		1200	5300	ug/Kg
Total Svoc :				312,200.00				
Total Concentration:				499,800.00				
Client ID :	C0T80							
P2962-08	C0T80	Solid	(DEL) Alkane: Straight-Chain21.2 *	98.000	J			
P2962-08	C0T80	Solid	1-Phenoxypropan-2-ol *	81.000	J			
P2962-08	C0T80	Solid	n-Hexadecanoic acid *	97.000	J			
P2962-08	C0T80	Solid	Total Alkanes *	98.000		27	190	ug/Kg
Total Tics :				374.00				
Total Concentration:				374.00				
Client ID :	C0T81							
P2962-09	C0T81	Solid	(DEL) Alkane: Straight-Chain21.2 *	120.000	J			
P2962-09	C0T81	Solid	n-Hexadecanoic acid *	98.000	J			
P2962-09	C0T81	Solid	Total Alkanes *	120.000		29	210	ug/Kg
Total Tics :				338.00				
P2962-09	C0T81	Solid	Naphthalene	320.000		31	210	ug/Kg
Total Svoc :				320.00				
Total Concentration:				658.00				
Client ID :	C0T82							
P2962-10	C0T82	Solid	1-Phenoxypropan-2-ol *	99.000	J			
P2962-10	C0T82	Solid	n-Hexadecanoic acid *	97.000	J			
P2962-10	C0T82	Solid	Octacosanol *	110.000	J			
P2962-10	C0T82	Solid	Total Alkanes *	0.000		28	200	ug/Kg
Total Tics :				306.00				
Total Concentration:				306.00				
Client ID :	C0T83							
P2962-11	C0T83	Solid	(DEL) Alkane: Straight-Chain21.2 *	150.000	J			
P2962-11	C0T83	Solid	1-Phenoxypropan-2-ol *	100.000	J			
P2962-11	C0T83	Solid	n-Hexadecanoic acid *	130.000	J			
P2962-11	C0T83	Solid	Total Alkanes *	150.000		29	200	ug/Kg
Total Tics :				530.00				



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

Hit Summary Sheet
SW-846

SDG No.: BP070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:		530.00			

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP062524 SAS No.: BP062524 SDG No.: BP062524

Instrument ID: _____ Calibration Date(s): 6/25/2024 : _____

Calibration Time(s): 14:05 : _____

LAB FILE ID:		RRFAL1 = BP020637.D		RRFAL2 = BP020638.D		RRFAL3 = BP020639.D		
		RRFAL4 = BP020640.D		RRFAL5 = BP020641.D		RRFAL6 = BP020642.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.558	0.521	0.529	0.517	0.481		0.521	5.3
Benzaldehyde		0.921	0.982	1.000	0.721	0.523	0.830	24.6
Pyridine		1.435	1.409	1.448	1.363	1.375	1.406	2.6
Hexachloroethane	0.577	0.587	0.584	0.605	0.572		0.585	2.2
Nitrobenzene	0.360	0.375	0.384	0.408	0.387		0.383	4.6
Isophorone	0.760	0.770	0.754	0.766	0.742		0.758	1.5
2-Nitrophenol	0.134	0.144	0.159	0.180	0.180		0.160	13.0
2,4-Dimethylphenol	0.360	0.370	0.370	0.387	0.370		0.372	2.7
Bis(2-Chloroethoxy)methane	0.461	0.450	0.447	0.463	0.435		0.451	2.5
2,4-Dichlorophenol	0.289	0.292	0.302	0.321	0.303		0.301	4.1
Naphthalene	1.116	1.080	1.063	1.088	1.006		1.070	3.8
4-Chloroaniline		0.420	0.411	0.426	0.415	0.382	0.411	4.1
Hexachlorobutadiene	0.228	0.222	0.224	0.232	0.220		0.225	2.1
Phenol		1.650	1.650	1.769	1.700	1.595	1.673	3.9
Caprolactam		0.088	0.090	0.090	0.101	0.089	0.092	6.0
4-Chloro-3-methylphenol	0.311	0.331	0.330	0.341	0.350		0.333	4.3
1-Methylnaphthalene	0.741	0.743	0.742	0.744	0.694		0.733	2.9
2-Methylnaphthalene	0.720	0.734	0.711	0.728	0.693		0.717	2.2
Hexachlorocyclopentadiene		0.326	0.362	0.426	0.412	0.464	0.398	13.6
2,4,6-Trichlorophenol	0.352	0.372	0.383	0.408	0.391		0.381	5.5
2,4,5-Trichlorophenol	0.352	0.386	0.395	0.425	0.419		0.396	7.3
1,1-Biphenyl	1.529	1.543	1.498	1.549	1.360		1.496	5.3
2-Chloronaphthalene	1.187	1.203	1.181	1.220	1.100		1.178	3.9
2-Nitroaniline	0.241	0.270	0.301	0.329	0.342		0.297	14.0
Bis(2-Chloroethyl)ether		1.417	1.389	1.443	1.364	1.312	1.385	3.6
Dimethylphthalate	1.435	1.452	1.415	1.390	1.390		1.417	1.9
2,6-Dinitrotoluene	0.200	0.238	0.257	0.273	0.295		0.253	14.2
Acenaphthylene	1.893	1.947	1.901	1.896	1.734		1.874	4.3
3-Nitroaniline		0.219	0.237	0.248	0.245	0.225	0.235	5.4
Acenaphthene	1.285	1.293	1.239	1.248	1.151		1.243	4.5
2,4-Dinitrophenol		0.100	0.110	0.121	0.157	0.167	0.131	22.6
4-Nitrophenol		0.171	0.181	0.185	0.209	0.204	0.190	8.4
Dibenzofuran	1.737	1.744	1.670	1.664	1.561		1.675	4.4
2,4-Dinitrotoluene	0.278	0.338	0.359	0.364	0.404		0.349	13.2
Diethylphthalate	1.387	1.438	1.413	1.351	1.397		1.397	2.3
2-Chlorophenol	1.313	1.350	1.333	1.407	1.335		1.348	2.7

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP062524 SAS No.: BP062524 SDG No.: BP062524

Instrument ID: _____ Calibration Date(s): 6/25/2024 : _____

Calibration Time(s): 14:05 _____

LAB FILE ID:		RRFAL1 = BP020637.D		RRFAL2 = BP020638.D		RRFAL3 = BP020639.D		
		RRFAL4 = BP020640.D		RRFAL5 = BP020641.D		RRFAL6 = BP020642.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.420	1.433	1.341	1.313	1.224		1.346	6.3
4-Chlorophenyl-phenylether	0.731	0.740	0.701	0.688	0.652		0.702	5.0
4-Nitroaniline		0.214	0.228	0.237	0.229	0.206	0.223	5.6
4,6-Dinitro-2-methylphenol		0.086	0.096	0.111	0.119	0.128	0.108	15.7
N-Nitrosodiphenylamine	0.602	0.587	0.597	0.621	0.543		0.590	4.9
1,2,4,5-Tetrachlorobenzene	0.636	0.637	0.637	0.679	0.608		0.639	4.0
4-Bromophenyl-phenylether	0.220	0.219	0.220	0.235	0.221		0.223	2.9
Hexachlorobenzene	0.248	0.247	0.248	0.260	0.245		0.250	2.3
Atrazine		0.203	0.202	0.214	0.210	0.211	0.208	2.6
Pentachlorophenol		0.123	0.133	0.148	0.152	0.162	0.144	10.7
2-Methylphenol		1.283	1.271	1.355	1.300	1.209	1.283	4.1
Phenanthrene	1.094	1.087	1.053	1.053	0.951		1.047	5.5
Pentachlorobenzene	0.310	0.299	0.309	0.339	0.291		0.309	5.8
Anthracene	1.127	1.113	1.066	1.096	0.985		1.077	5.3
1,2,3,4-Tetrachlorobenzene	0.319	0.309	0.328	0.369	0.299		0.325	8.2
Carbazole		0.932	0.906	0.898	0.842	0.868	0.889	3.9
Di-n-butylphthalate	1.153	1.166	1.151	1.170	1.133		1.155	1.2
Fluoranthene	1.420	1.422	1.376	1.443	1.676		1.468	8.1
Pyrene	1.484	1.466	1.434	1.491	1.651		1.505	5.6
Butylbenzylphthalate	0.487	0.519	0.539	0.596	0.654		0.559	11.8
3,3-Dichlorobenzidine		0.440	0.444	0.474	0.420	0.432	0.442	4.5
2,2-oxybis(1-Chloropropane)		2.198	2.142	2.218	2.051	1.914	2.105	5.9
Benzo(a)anthracene	1.485	1.428	1.361	1.384	1.352		1.402	3.9
Chrysene	1.436	1.337	1.295	1.312	1.245		1.325	5.3
Bis(2-ethylhexyl)phthalate	0.854	0.826	0.857	0.892	0.910		0.868	3.8
Di-n-octyl phthalate		1.234	1.270	1.301	1.409	1.206	1.284	6.1
Benzo(b)fluoranthene	1.248	1.242	1.194	1.197	1.178		1.212	2.6
Benzo(k)fluoranthene	1.317	1.227	1.171	1.214	1.200		1.226	4.5
Benzo(a)pyrene	1.173	1.140	1.126	1.162	1.118		1.144	2.1
Indeno(1,2,3-cd)pyrene	1.496	1.456	1.406	1.521	1.456		1.467	3.0
Dibenzo(a,h)anthracene	1.210	1.194	1.174	1.264	1.186		1.206	2.9
Benzo(g,h,i)perylene	1.229	1.187	1.147	1.233	1.193		1.198	2.9
Acetophenone		2.238	2.174	2.246	2.091	1.889	2.128	6.9
2,3,4,6-Tetrachlorophenol	0.298	0.330	0.324	0.333	0.349		0.327	5.7
1,4-Dioxane-d8	0.487	0.471	0.467	0.466	0.438		0.466	3.8
Pyridine-d5		1.378	1.337	1.413	1.324	1.334	1.357	2.8

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.: BP062524 SAS No.: BP062524 SDG No.: BP062524
Instrument ID: _____ Calibration Date(s): 6/25/2024 : _____
Calibration Time(s): 14:05 : _____

LAB FILE ID:		RRFAL1 = BP020637.D			RRFAL2 = BP020638.D		RRFAL3 = BP020639.D	
		RRFAL4 = BP020640.D			RRFAL5 = BP020641.D		RRFAL6 = BP020642.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.593	1.615	1.725	1.674	1.595	1.640	3.5
Bis-(2-Chloroethyl)ether-d8		1.057	1.057	1.088	1.024	0.974	1.040	4.2
2-Chlorophenol-d4	1.283	1.323	1.337	1.409	1.352		1.341	3.4
4-Methylphenol-d8		1.325	1.324	1.406	1.365	1.241	1.332	4.6
Nitrobenzene-d5	0.128	0.140	0.151	0.162	0.158		0.148	9.3
2-Nitrophenol-d4	0.123	0.132	0.148	0.166	0.170		0.148	13.8
2,4-Dichlorophenol-d3	0.286	0.287	0.307	0.326	0.315		0.304	5.7
4-Chloroaniline-d4		0.425	0.429	0.442	0.434	0.404	0.427	3.4
4-Methylphenol		1.359	1.357	1.428	1.383	1.266	1.359	4.4
Dimethylphthalate-d6	1.351	1.423	1.416	1.394	1.368		1.391	2.2
Acenaphthylene-d8	1.636	1.691	1.668	1.711	1.591		1.659	2.9
4-Nitrophenol-d4		0.180	0.206	0.208	0.235	0.233	0.212	10.7
Fluorene-d10	1.168	1.216	1.186	1.162	1.118		1.170	3.0
4,6-Dinitro-2-methylphenol		0.079	0.089	0.102	0.112	0.122	0.101	17.2
Anthracene-d10	0.902	0.912	0.908	0.917	0.848		0.898	3.1
Pyrene-d10	1.111	1.173	1.146	1.205	1.373		1.202	8.5
Benzo(a)pyrene-d12	0.963	0.964	0.968	1.005	0.965		0.973	1.8
N-Nitroso-di-n-propylamine	1.127	1.162	1.123	1.161	1.082		1.131	2.9

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.: BP070124 SAS No.: BP070124 SDG NO.: BP070124

EPA Sample No.: SSTD020639 Date Analyzed: Jul 1 2024 12:00AM

Lab File ID: BP020639.D Time Analyzed: 10:56

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	164085	7.752	684225	10.52	426295	14.37
	UPPER LIMIT	328170	8.252	1368450	11.022	852590	14.869
	LOWER LIMIT	82042.5	7.252	342112.5	10.022	213147.5	13.869
	EPA SAMPLE NO.						
01	SBLK602	204287	7.72	893883	10.50	614693	14.37
02	A4C52	228813	7.71	920497	10.49	573638	14.36
03	C0T61DL	231621	7.74	911915	10.52	526679	14.38
04	A4CN7	209834	7.74	879707	10.51	590120	14.37
05	A4C53	215313	7.74	871417	10.52	537830	14.38
06	C0T61DL2	225370	7.74	928650	10.51	573211	14.37
07	A4C55	190526	7.74	754996	10.50	449868	14.37
08	A4C58	179651	7.74	674121	10.51	388391	14.37
09	SBLK627	262954	7.73	1.12161e	10.51	752258	14.38
10	A4CN5	197683	7.73	751808	10.51	435284	14.38
11	A4B54	200434	7.73	789263	10.51	477953	14.38
12	A4CJ2	204763	7.75	863522	10.52	570800	14.37
13	A4CN3	206813	7.75	839822	10.51	530376	14.38
14	A4CN6	204548	7.74	755132	10.50	422384	14.37
15	A4CN4	236856	7.74	1.01304e	10.51	682558	14.38
16	C0SL3DL	226640	7.74	934955	10.51	599030	14.37
17	A4CP9DL	214179	7.74	889398	10.52	555854	14.38
18	C0T76	162251	7.76	981393	10.52	650569	14.37
19	C0T77	243953	7.74	1.01556e	10.51	651362	14.37
20	C0T80	242580	7.74	1.02494e	10.51	669614	14.37
21	C0T81	244163	7.74	959618	10.50	567654	14.36
22	SLCS627	256095	7.74	1.06629e	10.51	675112	14.38
23	SBLK640	234079	7.74	922146	10.51	537852	14.38

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP070124 SAS No.: BP070124 SDG NO.: BP070124

EPA Sample No.: SSTD020639 Date Analyzed: Jul 2 2024 12:00AM

Lab File ID: BP020639.D Time Analyzed: 05:52

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	164085	7.752	684225	10.52	426295	14.37
UPPER LIMIT	328170	8.252	1368450	11.022	852590	14.869
LOWER LIMIT	82042.5	7.252	342112.5	10.022	213147.5	13.869
EPA SAMPLE NO.						
24 C0T82	241273	7.74	1.03763e	10.51	688538	14.37
25 C0T83	279362	7.74	1.24542e	10.50	840815	14.38
26 C0T78	234391	7.74	854107	10.52	473491	14.37
27 C0T79	252150	7.74	1.02319e	10.51	622954	14.38
28 SLCS640	253051	7.74	1.07108e	10.51	704183	14.38

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.: BP070124 SAS No.: BP070124 SDG NO.: BP070124

EPA Sample No.: SSTD020665 Date Analyzed: Jul 1 2024 12:00AM

Lab File ID: BP020712.D Time Analyzed: 10:56

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	231814	7.746	975810	10.51	659424	14.37
UPPER LIMIT	463628	8.246	1951620	11.01	1318848	14.869
LOWER LIMIT	115907	7.246	487905	10.01	329712	13.869
EPA SAMPLE NO.						
01 SBLK602	204287	7.72	893883	10.50	614693	14.37
02 A4C52	228813	7.71	920497	10.49	573638	14.36
03 C0T61DL	231621	7.74	911915	10.52	526679	14.38
04 A4CN7	209834	7.74	879707	10.51	590120	14.37
05 A4C53	215313	7.74	871417	10.52	537830	14.38
06 C0T61DL2	225370	7.74	928650	10.51	573211	14.37
07 A4C55	190526	7.74	754996	10.50	449868	14.37
08 A4C58	179651	7.74	674121	10.51	388391	14.37

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.: BP070124 SAS No.: BP070124 SDG NO.: BP070124

EPA Sample No.: SSTD020666 Date Analyzed: Jul 1 2024 12:00AM

Lab File ID: BP020721.D Time Analyzed: 17:37

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	247936	7.74	1.02187e+01	10.51	651389	14.37
UPPER LIMIT	495872	8.24	2043740	11.005	1302778	14.869
LOWER LIMIT	123968	7.24	510935	10.005	325694.5	13.869
EPA SAMPLE NO.						
01 SBLK627	262954	7.73	1.12161e	10.51	752258	14.38
02 A4CN5	197683	7.73	751808	10.51	435284	14.38
03 A4B54	200434	7.73	789263	10.51	477953	14.38
04 A4CJ2	204763	7.75	863522	10.52	570800	14.37
05 A4CN3	206813	7.75	839822	10.51	530376	14.38
06 A4CN6	204548	7.74	755132	10.50	422384	14.37
07 A4CN4	236856	7.74	1.01304e	10.51	682558	14.38
08 C0SL3DL	226640	7.74	934955	10.51	599030	14.37
09 A4CP9DL	214179	7.74	889398	10.52	555854	14.38
10 C0T76	162251	7.76	981393	10.52	650569	14.37
11 C0T77	243953	7.74	1.01556e	10.51	651362	14.37
12 C0T80	242580	7.74	1.02494e	10.51	669614	14.37
13 C0T81	244163	7.74	959618	10.50	567654	14.36
14 SLCS627	256095	7.74	1.06629e	10.51	675112	14.38

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.: BP070124 SAS No.: BP070124 SDG NO.: BP070124

EPA Sample No.: SSTD020667 Date Analyzed: Jul 2 2024 12:00AM

Lab File ID: BP020736.D Time Analyzed: 05:09

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	259205	7.734	1.01599e+01	10.51	589392	14.37
UPPER LIMIT	518410	8.234	2031980	11.01	1178784	14.869
LOWER LIMIT	129602.5	7.234	507995	10.01	294696	13.869
EPA SAMPLE NO.						
01 SBLK640	234079	7.74	922146	10.51	537852	14.38
02 C0T82	241273	7.74	1.03763e	10.51	688538	14.37
03 C0T83	279362	7.74	1.24542e	10.50	840815	14.38
04 C0T78	234391	7.74	854107	10.52	473491	14.37
05 C0T79	252150	7.74	1.02319e	10.51	622954	14.38
06 SLCS640	253051	7.74	1.07108e	10.51	704183	14.38

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.: BP070124 SAS No.: BP070124 SDG NO.: BP070124

EPA Sample No.: SSTD020639 Date Analyzed: Jul 1 2024 12:00AM

Lab File ID: BP020639.D Time Analyzed: 10:56

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	811162	17.186	668166	21.639	756069	24.998
	UPPER LIMIT	1622324	17.686	1336332	22.139	1512138	25.498
	LOWER LIMIT	405581	16.686	334083	21.139	378034.5	24.498
	EPA SAMPLE NO.						
01	SBLK602	1.23127	17.19	838199	21.65	918828	25.02
02	A4C52	1.0579e	17.19	848986	21.65	1.01827e+	25.02
03	C0T61DL	937934	17.19	852559	21.64	1.05659e+	25.00
04	A4CN7	1.28661	17.18	869183	21.65	913562	25.03
05	A4C53	945232	17.18	771012	21.65	910163	25.01
06	C0T61DL2	1.04945	17.19	894395	21.64	1.11008e+	25.00
07	A4C55	836539	17.18	719138	21.63	856050	25.00
08	A4C58	699050	17.19	691214	21.65	804479	25.01
09	SBLK627	1.40464	17.18	1.05781e+	21.65	1.24559e+	25.01
10	A4CN5	794502	17.19	763231	21.64	919362	25.00
11	A4B54	840594	17.18	697078	21.65	862206	25.01
12	A4CJ2	1.08154	17.19	737524	21.64	855997	25.01
13	A4CN3	981066	17.19	763629	21.64	884670	24.99
14	A4CN6	814508	17.18	831799	21.65	976620	25.00
15	A4CN4	1.43007	17.19	932148	21.65	1.02031e+	25.00
16	C0SL3DL	1.14306	17.18	882698	21.63	1.06793e+	25.00
17	A4CP9DL	1.02842	17.19	799470	21.63	973919	24.98
18	C0T76	1.21003	17.19	933550	21.63	1.10639e+	24.98
19	C0T77	1.2001e	17.19	927731	21.64	1.10925e+	24.99
20	C0T80	1.26132	17.19	977820	21.63	1.13343e+	24.97
21	C0T81	1.02357	17.18	966839	21.63	1.14741e+	24.99

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP070124 SAS No.: BP070124 SDG NO.: BP070124

EPA Sample No.: SSTD020639 Date Analyzed: Jul 2 2024 12:00AM

Lab File ID: BP020639.D Time Analyzed: 03:00

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	811162	17.186	668166	21.639	756069	24.998
UPPER LIMIT	1622324	17.686	1336332	22.139	1512138	25.498
LOWER LIMIT	405581	16.686	334083	21.139	378034.5	24.498
EPA SAMPLE NO.						
22 SLCS627	1.2789e	17.19	986565	21.64	1.18902e+	25.00
23 SBLK640	985959	17.19	913285	21.63	1.07231e+	24.99
24 C0T82	1.39124	17.19	993952	21.63	1.12536e+	24.99
25 C0T83	1.7429e*	17.18	1.2034e+0	21.65	1.30575e+	25.00
26 C0T78	915512	17.19	939295	21.63	1.17214e+	25.00
27 C0T79	1.12593	17.18	973214	21.63	1.14515e+	25.00
28 SLCS640	1.45479	17.19	988779	21.62	1.11559e+	24.99

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.: BP070124 SAS No.: BP070124 SDG NO.: BP070124

EPA Sample No.: SSTD020665 Date Analyzed: Jul 1 2024 12:00AM

Lab File ID: BP020712.D Time Analyzed: 10:56

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.35572e+01	17.181	986859	21.639	1.11408e+01	25.01
UPPER LIMIT	2711440	17.681	1973718	22.139	2228160	25.51
LOWER LIMIT	677860	16.681	493429.5	21.139	557040	24.51
EPA SAMPLE NO.						
01 SBLK602	1.23127	17.19	838199	21.65	918828	25.02
02 A4C52	1.0579e	17.19	848986	21.65	1.01827e+	25.02
03 C0T61DL	937934	17.19	852559	21.64	1.05659e+	25.00
04 A4CN7	1.28661	17.18	869183	21.65	913562	25.03
05 A4C53	945232	17.18	771012	21.65	910163	25.01
06 C0T61DL2	1.04945	17.19	894395	21.64	1.11008e+	25.00
07 A4C55	836539	17.18	719138	21.63	856050	25.00
08 A4C58	699050	17.19	691214	21.65	804479	25.01

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.: BP070124 SAS No.: BP070124 SDG NO.: BP070124

EPA Sample No.: SSTD020666 Date Analyzed: Jul 1 2024 12:00AM

Lab File ID: BP020721.D Time Analyzed: 17:37

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.26466e+01	17.187	904195	21.645	1.09702e+01	25.01
UPPER LIMIT	2529320	17.687	1808390	22.145	2194040	25.51
LOWER LIMIT	632330	16.687	452097.5	21.145	548510	24.51
EPA SAMPLE NO.						
01 SBLK627	1.40464	17.18	1.05781e+	21.65	1.24559e+	25.01
02 A4CN5	794502	17.19	763231	21.64	919362	25.00
03 A4B54	840594	17.18	697078	21.65	862206	25.01
04 A4CJ2	1.08154	17.19	737524	21.64	855997	25.01
05 A4CN3	981066	17.19	763629	21.64	884670	24.99
06 A4CN6	814508	17.18	831799	21.65	976620	25.00
07 A4CN4	1.43007	17.19	932148	21.65	1.02031e+	25.00
08 C0SL3DL	1.14306	17.18	882698	21.63	1.06793e+	25.00
09 A4CP9DL	1.02842	17.19	799470	21.63	973919	24.98
10 C0T76	1.21003	17.19	933550	21.63	1.10639e+	24.98
11 C0T77	1.2001e	17.19	927731	21.64	1.10925e+	24.99
12 C0T80	1.26132	17.19	977820	21.63	1.13343e+	24.97
13 C0T81	1.02357	17.18	966839	21.63	1.14741e+	24.99
14 SLCS627	1.2789e	17.19	986565	21.64	1.18902e+	25.00

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.: BP070124 SAS No.: BP070124 SDG NO.: BP070124

EPA Sample No.: SSTD020667 Date Analyzed: Jul 2 2024 12:00AM

Lab File ID: BP020736.D Time Analyzed: 05:09

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.04948e+01	17.186	1.01066e+01	21.639	1.19826e+01	24.998
UPPER LIMIT	2098960	17.686	2021320	22.139	2396520	25.498
LOWER LIMIT	524740	16.686	505330	21.139	599130	24.498
EPA SAMPLE NO.						
01 SBLK640	985959	17.19	913285	21.63	1.07231e+01	24.99
02 C0T82	1.39124	17.19	993952	21.63	1.12536e+01	24.99
03 C0T83	1.7429e	17.18	1.2034e+01	21.65	1.30575e+01	25.00
04 C0T78	915512	17.19	939295	21.63	1.17214e+01	25.00
05 C0T79	1.12593	17.18	973214	21.63	1.14515e+01	25.00
06 SLCS640	1.45479	17.19	988779	21.62	1.11559e+01	24.99

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.: BP070124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161627BS	1,4-Dioxane	530	340	ug/Kg	64				0	0		
	Benzaldehyde	1300	1200	ug/Kg	92				0	0		
	Pyridine	1300	890	ug/Kg	68				0	0		
	Phenol	1300	1100	ug/Kg	85				0	0		
	Bis(2-chloroethyl)ether	1300	970	ug/Kg	75				0	0		
	2-Chlorophenol	1300	1000	ug/Kg	77				0	0		
	2-Methylphenol	1300	1000	ug/Kg	77				0	0		
	2,2-oxybis(1-Chloropropane)	1300	920	ug/Kg	71				0	0		
	Acetophenone	1300	1000	ug/Kg	77				0	0		
	4-Methylphenol	1300	1100	ug/Kg	85				0	0		
	N-Nitroso-di-n-propylamine	1300	950	ug/Kg	73				0	0		
	Hexachloroethane	1300	970	ug/Kg	75				0	0		
	Nitrobenzene	1300	1000	ug/Kg	77				0	0		
	Isophorone	1300	970	ug/Kg	75				0	0		
	2-Nitrophenol	1300	1200	ug/Kg	92				0	0		
	2,4-Dimethylphenol	1300	790	ug/Kg	61				0	0		
	Bis(2-chloroethoxy)methane	1300	990	ug/Kg	76				0	0		
	2,4-Dichlorophenol	1300	1100	ug/Kg	85				0	0		
	Naphthalene	1300	1000	ug/Kg	77				0	0		
	4-Chloroaniline	1300	930	ug/Kg	72				0	0		
	Hexachlorobutadiene	1300	1000	ug/Kg	77				0	0		
	Caprolactam	1300	1100	ug/Kg	85				0	0		
	4-Chloro-3-methylphenol	1300	1100	ug/Kg	85				0	0		
	1-Methylnaphthalene	1300	1000	ug/Kg	77				0	0		
	2-Methylnaphthalene	1300	1000	ug/Kg	77				0	0		
	Hexachlorocyclopentadiene	1300	650	ug/Kg	50				0	0		
	2,4,6-Trichlorophenol	1300	1100	ug/Kg	85				0	0		
	2,4,5-Trichlorophenol	1300	1200	ug/Kg	92				0	0		
	1,1'-Biphenyl	1300	1100	ug/Kg	85				0	0		
	2-Chloronaphthalene	1300	1000	ug/Kg	77				0	0		
	2-Nitroaniline	1300	1200	ug/Kg	92				0	0		
	Dimethylphthalate	1300	1100	ug/Kg	85				0	0		
	2,6-Dinitrotoluene	1300	1300	ug/Kg	100				0	0		
	Acenaphthylene	1300	1000	ug/Kg	77				0	0		
	3-Nitroaniline	1300	1300	ug/Kg	100				0	0		
	Acenaphthene	1300	1000	ug/Kg	77				0	0		
	2,4-Dinitrophenol	1300	1100	ug/Kg	85				0	0		
	4-Nitrophenol	1300	1000	ug/Kg	77				0	0		
	Dibenzofuran	1300	1100	ug/Kg	85				0	0		
	2,4-Dinitrotoluene	1300	1300	ug/Kg	100				0	0		
	Diethylphthalate	1300	1100	ug/Kg	85				0	0		
	Fluorene	1300	1000	ug/Kg	77				0	0		
	4-Chlorophenyl-phenylether	1300	1100	ug/Kg	85				0	0		
	4-Nitroaniline	1300	1300	ug/Kg	100				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP070124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161627BS	4,6-Dinitro-2-methylphenol	1300	1200	ug/Kg	92				0	0		
	N-Nitrosodiphenylamine	1300	1100	ug/Kg	85				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	1100	ug/Kg	85				0	0		
	4-Bromophenyl-phenylether	1300	1100	ug/Kg	85				0	0		
	Hexachlorobenzene	1300	1100	ug/Kg	85				0	0		
	Atrazine	1300	570	ug/Kg	44				0	0		
	Pentachlorophenol	1300	990	ug/Kg	76				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	1100	ug/Kg	85				0	0		
	Fluoranthene	1300	1000	ug/Kg	77				0	0		
	Pyrene	1300	1000	ug/Kg	77				0	0		
	Butylbenzylphthalate	1300	1100	ug/Kg	85				0	0		
	3,3'-Dichlorobenzidine	1300	1100	ug/Kg	85				0	0		
	Benzo(a)anthracene	1300	1000	ug/Kg	77				0	0		
	Chrysene	1300	1100	ug/Kg	85				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1000	ug/Kg	77				0	0		
	Di-n-octylphthalate	1300	980	ug/Kg	75				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	980	ug/Kg	75				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	1000	ug/Kg	77				0	0		
	2,3,4,6-Tetrachlorophenol	1300	1100	ug/Kg	85				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP070124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161640BS	1,4-Dioxane	15500	9800	ug/Kg	63				0	0		
	Benzaldehyde	38800	35000	ug/Kg	90				0	0		
	Pyridine	38800	26000	ug/Kg	67				0	0		
	Phenol	38800	31000	ug/Kg	80				0	0		
	Bis(2-chloroethyl)ether	38800	29000	ug/Kg	75				0	0		
	2-Chlorophenol	38800	31000	ug/Kg	80				0	0		
	2-Methylphenol	38800	31000	ug/Kg	80				0	0		
	2,2-oxybis(1-Chloropropane)	38800	27000	ug/Kg	70				0	0		
	Acetophenone	38800	30000	ug/Kg	77				0	0		
	4-Methylphenol	38800	32000	ug/Kg	82				0	0		
	N-Nitroso-di-n-propylamine	38800	28000	ug/Kg	72				0	0		
	Hexachloroethane	38800	29000	ug/Kg	75				0	0		
	Nitrobenzene	38800	30000	ug/Kg	77				0	0		
	Isophorone	38800	28000	ug/Kg	72				0	0		
	2-Nitrophenol	38800	37000	ug/Kg	95				0	0		
	2,4-Dimethylphenol	38800	24000	ug/Kg	62				0	0		
	Bis(2-chloroethoxy)methane	38800	29000	ug/Kg	75				0	0		
	2,4-Dichlorophenol	38800	33000	ug/Kg	85				0	0		
	Naphthalene	38800	29000	ug/Kg	75				0	0		
	4-Chloroaniline	38800	28000	ug/Kg	72				0	0		
	Hexachlorobutadiene	38800	30000	ug/Kg	77				0	0		
	Caprolactam	38800	36000	ug/Kg	93				0	0		
	4-Chloro-3-methylphenol	38800	34000	ug/Kg	88				0	0		
	1-Methylnaphthalene	38800	30000	ug/Kg	77				0	0		
	2-Methylnaphthalene	38800	31000	ug/Kg	80				0	0		
	Hexachlorocyclopentadiene	38800	17000	ug/Kg	44				0	0		
	2,4,6-Trichlorophenol	38800	33000	ug/Kg	85				0	0		
	2,4,5-Trichlorophenol	38800	35000	ug/Kg	90				0	0		
	1,1'-Biphenyl	38800	30000	ug/Kg	77				0	0		
	2-Chloronaphthalene	38800	31000	ug/Kg	80				0	0		
	2-Nitroaniline	38800	37000	ug/Kg	95				0	0		
	Dimethylphthalate	38800	33000	ug/Kg	85				0	0		
	2,6-Dinitrotoluene	38800	38000	ug/Kg	98				0	0		
	Acenaphthylene	38800	30000	ug/Kg	77				0	0		
	3-Nitroaniline	38800	41000	ug/Kg	106				0	0		
	Acenaphthene	38800	30000	ug/Kg	77				0	0		
	2,4-Dinitrophenol	38800	37000	ug/Kg	95				0	0		
	4-Nitrophenol	38800	35000	ug/Kg	90				0	0		
	Dibenzofuran	38800	31000	ug/Kg	80				0	0		
	2,4-Dinitrotoluene	38800	40000	ug/Kg	103				0	0		
	Diethylphthalate	38800	33000	ug/Kg	85				0	0		
	Fluorene	38800	32000	ug/Kg	82				0	0		
	4-Chlorophenyl-phenylether	38800	32000	ug/Kg	82				0	0		
	4-Nitroaniline	38800	44000	ug/Kg	113				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP070124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161640BS	4,6-Dinitro-2-methylphenol	38800	36000	ug/Kg	93				0	0		
	N-Nitrosodiphenylamine	38800	31000	ug/Kg	80				0	0		
	1,2,4,5-Tetrachlorobenzene	38800	31000	ug/Kg	80				0	0		
	4-Bromophenyl-phenylether	38800	32000	ug/Kg	82				0	0		
	Hexachlorobenzene	38800	33000	ug/Kg	85				0	0		
	Atrazine	38800	17000	ug/Kg	44				0	0		
	Pentachlorophenol	38800	30000	ug/Kg	77				0	0		
	Phenanthrene	38800	30000	ug/Kg	77				0	0		
	Pentachlorobenzene	38800	30000	ug/Kg	77				0	0		
	Anthracene	38800	30000	ug/Kg	77				0	0		
	1,2,3,4-Tetrachlorobenzene	38800	30000	ug/Kg	77				0	0		
	Carbazole	38800	32000	ug/Kg	82				0	0		
	Di-n-butylphthalate	38800	34000	ug/Kg	88				0	0		
	Fluoranthene	38800	36000	ug/Kg	93				0	0		
	Pyrene	38800	34000	ug/Kg	88				0	0		
	Butylbenzylphthalate	38800	41000	ug/Kg	106				0	0		
	3,3'-Dichlorobenzidine	38800	32000	ug/Kg	82				0	0		
	Benzo(a)anthracene	38800	32000	ug/Kg	82				0	0		
	Chrysene	38800	31000	ug/Kg	80				0	0		
	Bis(2-ethylhexyl)phthalate	38800	38000	ug/Kg	98				0	0		
	Di-n-octylphthalate	38800	36000	ug/Kg	93				0	0		
	Benzo(b)fluoranthene	38800	32000	ug/Kg	82				0	0		
	Benzo(k)fluoranthene	38800	32000	ug/Kg	82				0	0		
	Benzo(a)pyrene	38800	30000	ug/Kg	77				0	0		
	Indeno(1,2,3-cd)pyrene	38800	31000	ug/Kg	80				0	0		
	Dibenzo(a,h)anthracene	38800	31000	ug/Kg	80				0	0		
	Benzo(g,h,i)perylene	38800	30000	ug/Kg	77				0	0		
	2,3,4,6-Tetrachlorophenol	38800	35000	ug/Kg	90				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK602

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP070124

SAS No.: BP070124 SDG NO.: BP070124

Lab File ID: BP020713.D

Lab Sample ID: PB161602BL

Instrument ID: BNA_P

Date Extracted: 06/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/01/2024

Level: (low/med) LOW

Time Analyzed: 10:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4C52	P2871-04	BP020714.D	07/01/2024
A4CN7	P2871-16	BP020716.D	07/01/2024
A4C53	P2871-05	BP020717.D	07/01/2024
A4C55	P2871-07	BP020719.D	07/01/2024
A4C58	P2871-09	BP020720.D	07/01/2024
A4CN5	P2871-15	BP020723.D	07/01/2024
A4B54	P2871-23	BP020724.D	07/01/2024
A4CJ2	P2871-12	BP020725.D	07/01/2024
A4CN3	P2871-13	BP020726.D	07/01/2024
A4CN6	P2871-20	BP020727.D	07/01/2024
A4CN4	P2871-14	BP020728.D	07/01/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK627

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP070124

SAS No.: BP070124 SDG NO.: BP070124

Lab File ID: BP020722.D

Lab Sample ID: PB161627BL

Instrument ID: BNA_P

Date Extracted: 06/21/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/01/2024

Level: (low/med) LOW

Time Analyzed: 17:37

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0T82	P2962-10	BP020738.D	07/02/2024
C0T83	P2962-11	BP020739.D	07/02/2024
C0T76	P2962-04	BP020731.D	07/02/2024
C0T77	P2962-05	BP020732.D	07/02/2024
C0T80	P2962-08	BP020733.D	07/02/2024
C0T81	P2962-09	BP020734.D	07/02/2024
PB161627BS	PB161627BS	BP020735.D	07/02/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK640

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP070124

SAS No.: BP070124 SDG NO.: BP070124

Lab File ID: BP020737.D

Lab Sample ID: PB161640BL

Instrument ID: BNA_P

Date Extracted: 06/21/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/02/2024

Level: (low/med) MED

Time Analyzed: 05:09

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0T78	P2962-06	BP020740.D	07/02/2024
C0T79	P2962-07	BP020741.D	07/02/2024
PB161640BS	PB161640BS	BP020742.D	07/02/2024

COMMENTS: _____



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

Surrogate Summary

SW-846

SDG No.: BP070124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2934-13DL	A4CP9DL	BP020730.D	1,4-Dioxane-d8	8	4.02	50		15	120
			Pyridine-d5	40	3.41	9	*	20	120
			Phenol-d5	40	22.05	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.14	58		10	150
			2-Chlorophenol-d4	40	23.75	59		15	120
			4-Methylphenol-d8	40	20.82	52		10	140
			Nitrobenzene-d5	40	25.30	63		10	135
			2-Nitrophenol-d4	40	25.63	64		10	120
			2,4-Dichlorophenol-d3	40	23.39	58		10	140
			4-Chloroaniline-d4	40	12.63	32		1	145
			Dimethylphthalate-d6	40	27.29	68		10	145
			Acenaphthylene-d8	40	24.69	62		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	27.24	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.76	32		10	130
			Anthracene-d10	40	26.11	65		10	150
			Pyrene-d10	40	22.72	57		10	130
			Benzo(a)pyrene-d12	40	17.32	43		10	140

Surrogate Summary

SW-846

SDG No.: BP070124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2871-04	A4C52	BP020714.D	1,4-Dioxane-d8	8	3.68	46		15	120
			Pyridine-d5	40	2.77	7	*	20	120
			Phenol-d5	40	22.40	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.26	56		10	150
			2-Chlorophenol-d4	40	23.36	58		15	120
			4-Methylphenol-d8	40	21.50	54		10	140
			Nitrobenzene-d5	40	26.17	65		10	135
			2-Nitrophenol-d4	40	28.93	72		10	120
			2,4-Dichlorophenol-d3	40	24.60	62		10	140
			4-Chloroaniline-d4	40	4.58	11		1	145
			Dimethylphthalate-d6	40	25.86	65		10	145
			Acenaphthylene-d8	40	24.56	61		15	120
			4-Nitrophenol-d4	40	17.87	45		10	150
			Fluorene-d10	40	25.39	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.38	53		10	130
			Anthracene-d10	40	24.42	61		10	150
			Pyrene-d10	40	22.34	56		10	130
			Benzo(a)pyrene-d12	40	17.36	43		10	140
P2871-05	A4C53	BP020717.D	1,4-Dioxane-d8	8	3.68	46		15	120
			Pyridine-d5	40	11.18	28		20	120
			Phenol-d5	40	22.69	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.68	52		10	150
			2-Chlorophenol-d4	40	22.75	57		15	120
			4-Methylphenol-d8	40	23.60	59		10	140
			Nitrobenzene-d5	40	25.44	64		10	135
			2-Nitrophenol-d4	40	28.77	72		10	120
			2,4-Dichlorophenol-d3	40	25.63	64		10	140
			4-Chloroaniline-d4	40	15.88	40		1	145
			Dimethylphthalate-d6	40	29.29	73		10	145
			Acenaphthylene-d8	40	27.09	68		15	120
			4-Nitrophenol-d4	40	23.80	59		10	150
			Fluorene-d10	40	27.73	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.85	62		10	130
			Anthracene-d10	40	27.89	70		10	150
			Pyrene-d10	40	26.53	66		10	130
			Benzo(a)pyrene-d12	40	28.80	72		10	140
P2871-07	A4C55	BP020719.D	1,4-Dioxane-d8	8	3.54	44		15	120
			Pyridine-d5	40	16.32	41		20	120
			Phenol-d5	40	20.66	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.71	49		10	150
			2-Chlorophenol-d4	40	20.82	52		15	120
			4-Methylphenol-d8	40	20.49	51		10	140
			Nitrobenzene-d5	40	23.53	59		10	135
			2-Nitrophenol-d4	40	26.51	66		10	120
			2,4-Dichlorophenol-d3	40	23.43	59		10	140
			4-Chloroaniline-d4	40	20.97	52		1	145
			Dimethylphthalate-d6	40	28.61	72		10	145
			Acenaphthylene-d8	40	25.50	64		15	120
			4-Nitrophenol-d4	40	21.23	53		10	150

Surrogate Summary

SW-846

SDG No.: BP070124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2871-07	A4C55	BP020719.D	Fluorene-d10	40	26.98	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.10	53		10	130
			Anthracene-d10	40	26.60	66		10	150
			Pyrene-d10	40	25.46	64		10	130
			Benzo(a)pyrene-d12	40	27.72	69		10	140
P2871-09	A4C58	BP020720.D	1,4-Dioxane-d8	8	4.04	50		15	120
			Pyridine-d5	40	2.45	6	*	20	120
			Phenol-d5	40	21.37	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.91	55		10	150
			2-Chlorophenol-d4	40	23.01	58		15	120
			4-Methylphenol-d8	40	20.36	51		10	140
			Nitrobenzene-d5	40	26.22	66		10	135
			2-Nitrophenol-d4	40	29.10	73		10	120
			2,4-Dichlorophenol-d3	40	24.30	61		10	140
			4-Chloroaniline-d4	40	6.60	17		1	145
			Dimethylphthalate-d6	40	26.51	66		10	145
			Acenaphthylene-d8	40	25.40	63		15	120
			4-Nitrophenol-d4	40	19.41	49		10	150
			Fluorene-d10	40	25.63	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.88	52		10	130
			Anthracene-d10	40	24.95	62		10	150
			Pyrene-d10	40	20.89	52		10	130
			Benzo(a)pyrene-d12	40	18.66	47		10	140
P2871-12	A4CJ2	BP020725.D	1,4-Dioxane-d8	8	3.67	46		15	120
			Pyridine-d5	40	18.60	46		20	120
			Phenol-d5	40	22.73	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.14	53		10	150
			2-Chlorophenol-d4	40	22.83	57		15	120
			4-Methylphenol-d8	40	23.98	60		10	140
			Nitrobenzene-d5	40	24.68	62		10	135
			2-Nitrophenol-d4	40	27.67	69		10	120
			2,4-Dichlorophenol-d3	40	25.00	62		10	140
			4-Chloroaniline-d4	40	23.71	59		1	145
			Dimethylphthalate-d6	40	28.31	71		10	145
			Acenaphthylene-d8	40	25.31	63		15	120
			4-Nitrophenol-d4	40	21.02	53		10	150
			Fluorene-d10	40	27.66	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.62	52		10	130
			Anthracene-d10	40	27.74	69		10	150
			Pyrene-d10	40	30.47	76		10	130
			Benzo(a)pyrene-d12	40	28.93	72		10	140
P2871-13	A4CN3	BP020726.D	1,4-Dioxane-d8	8	2.59	32		15	120
			Pyridine-d5	40	12.83	32		20	120
			Phenol-d5	40	16.43	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.91	37		10	150
			2-Chlorophenol-d4	40	15.87	40		15	120
			4-Methylphenol-d8	40	15.12	38		10	140
			Nitrobenzene-d5	40	18.20	45		10	135
			2-Nitrophenol-d4	40	20.99	52		10	120

Surrogate Summary

SW-846

SDG No.: BP070124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2871-13	A4CN3	BP020726.D	2,4-Dichlorophenol-d3	40	18.78	47		10	140
			4-Chloroaniline-d4	40	17.60	44		1	145
			Dimethylphthalate-d6	40	26.19	65		10	145
			Acenaphthylene-d8	40	22.64	57		15	120
			4-Nitrophenol-d4	40	21.45	54		10	150
			Fluorene-d10	40	25.46	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.99	52		10	130
			Anthracene-d10	40	26.06	65		10	150
			Pyrene-d10	40	26.77	67		10	130
			Benzo(a)pyrene-d12	40	27.72	69		10	140
P2871-14	A4CN4	BP020728.D	1,4-Dioxane-d8	8	3.81	48		15	120
			Pyridine-d5	40	4.70	12	*	20	120
			Phenol-d5	40	23.72	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.76	57		10	150
			2-Chlorophenol-d4	40	24.67	62		15	120
			4-Methylphenol-d8	40	21.75	54		10	140
			Nitrobenzene-d5	40	25.70	64		10	135
			2-Nitrophenol-d4	40	28.98	72		10	120
			2,4-Dichlorophenol-d3	40	25.25	63		10	140
			4-Chloroaniline-d4	40	7.49	19		1	145
			Dimethylphthalate-d6	40	25.52	64		10	145
			Acenaphthylene-d8	40	24.49	61		15	120
			4-Nitrophenol-d4	40	19.00	47		10	150
			Fluorene-d10	40	25.96	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.21	51		10	130
			Anthracene-d10	40	24.18	60		10	150
			Pyrene-d10	40	26.34	66		10	130
P2871-15	A4CN5	BP020723.D	Benzo(a)pyrene-d12	40	17.33	43		10	140
			1,4-Dioxane-d8	8	3.70	46		15	120
			Pyridine-d5	40	15.12	38		20	120
			Phenol-d5	40	21.37	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.77	52		10	150
			2-Chlorophenol-d4	40	21.67	54		15	120
			4-Methylphenol-d8	40	22.18	55		10	140
			Nitrobenzene-d5	40	25.21	63		10	135
			2-Nitrophenol-d4	40	28.11	70		10	120
			2,4-Dichlorophenol-d3	40	24.71	62		10	140
			4-Chloroaniline-d4	40	20.24	51		1	145
			Dimethylphthalate-d6	40	29.22	73		10	145
			Acenaphthylene-d8	40	26.86	67		15	120
			4-Nitrophenol-d4	40	23.13	58		10	150
			Fluorene-d10	40	27.84	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.79	59		10	130
			Anthracene-d10	40	28.11	70		10	150
P2871-16	A4CN7	BP020716.D	Pyrene-d10	40	25.69	64		10	130
			Benzo(a)pyrene-d12	40	29.84	75		10	140
			Pyridine-d5	40	4.81	12	*	20	120
			1,4-Dioxane-d8	8	4.63	58		15	120
			Phenol-d5	40	29.27	73		10	130

Surrogate Summary

SW-846

SDG No.: BP070124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2871-16	A4CN7	BP020716.D	Bis(2-Chloroethyl)ether-d8	40	27.28	68		10	150
			2-Chlorophenol-d4	40	29.63	74		15	120
			4-Methylphenol-d8	40	29.62	74		10	140
			Nitrobenzene-d5	40	31.48	79		10	135
			2-Nitrophenol-d4	40	35.77	89		10	120
			2,4-Dichlorophenol-d3	40	32.18	80		10	140
			4-Chloroaniline-d4	40	1.33	3		1	145
			Dimethylphthalate-d6	40	32.23	81		10	145
			Acenaphthylene-d8	40	31.05	78		15	120
			4-Nitrophenol-d4	40	34.79	87		10	150
			Fluorene-d10	40	33.88	85		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.39	68		10	130
			Anthracene-d10	40	30.69	77		10	150
			Pyrene-d10	40	32.35	81		10	130
			Benzo(a)pyrene-d12	40	21.57	54		10	140
P2871-20	A4CN6	BP020727.D	1,4-Dioxane-d8	8	3.80	47		15	120
			Pyridine-d5	40	16.45	41		20	120
			Phenol-d5	40	20.84	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.45	51		10	150
			2-Chlorophenol-d4	40	21.58	54		15	120
			4-Methylphenol-d8	40	21.29	53		10	140
			Nitrobenzene-d5	40	25.14	63		10	135
			2-Nitrophenol-d4	40	27.50	69		10	120
			2,4-Dichlorophenol-d3	40	23.69	59		10	140
			4-Chloroaniline-d4	40	21.79	54		1	145
			Dimethylphthalate-d6	40	28.86	72		10	145
			Acenaphthylene-d8	40	26.56	66		15	120
			4-Nitrophenol-d4	40	23.08	58		10	150
			Fluorene-d10	40	27.05	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.33	53		10	130
			Anthracene-d10	40	27.91	70		10	150
			Pyrene-d10	40	24.59	61		10	130
P2871-23	A4B54	BP020724.D	Benzo(a)pyrene-d12	40	28.48	71		10	140
			1,4-Dioxane-d8	8	4.77	60		15	120
			Pyridine-d5	40	5.19	13	*	20	120
			Phenol-d5	40	26.60	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.10	65		10	150
			2-Chlorophenol-d4	40	27.51	69		15	120
			4-Methylphenol-d8	40	25.39	63		10	140
			Nitrobenzene-d5	40	30.53	76		10	135
			2-Nitrophenol-d4	40	34.49	86		10	120
			2,4-Dichlorophenol-d3	40	28.85	72		10	140
			4-Chloroaniline-d4	40	17.61	44		1	145
			Dimethylphthalate-d6	40	32.17	80		10	145
			Acenaphthylene-d8	40	29.12	73		15	120
			4-Nitrophenol-d4	40	24.85	62		10	150
			Fluorene-d10	40	30.46	76		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.43	69		10	130
			Anthracene-d10	40	29.66	74		10	150

Surrogate Summary

SW-846

SDG No.: BP070124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2871-23	A4B54	BP020724.D	Pyrene-d10	40	25.98	65		10	130
			Benzo(a)pyrene-d12	40	22.38	56		10	140
PB161602BL	PB161602BL	BP020713.D	Pyridine-d5	40	28.20	70		20	120
			1,4-Dioxane-d8	8	5.56	69		15	120
			Phenol-d5	40	29.73	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.79	72		10	150
			2-Chlorophenol-d4	40	29.76	74		15	120
			4-Methylphenol-d8	40	30.82	77		10	140
			Nitrobenzene-d5	40	32.68	82		10	135
			2-Nitrophenol-d4	40	36.49	91		10	120
			2,4-Dichlorophenol-d3	40	30.94	77		10	140
			4-Chloroaniline-d4	40	32.10	80		1	145
			Dimethylphthalate-d6	40	33.18	83		10	145
			Acenaphthylene-d8	40	30.77	77		15	120
			4-Nitrophenol-d4	40	26.38	66		10	150
			Fluorene-d10	40	32.43	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.97	67		10	130
			Anthracene-d10	40	32.06	80		10	150
			Pyrene-d10	40	34.63	87		10	130
			Benzo(a)pyrene-d12	40	32.46	81		10	140

Surrogate Summary

SW-846

SDG No.: BP070124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2897-08DL	C0SL3DL	BP020729.D	1,4-Dioxane-d8	8	6.02	75		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	27.66	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.86	72		10	150
			2-Chlorophenol-d4	40	29.46	74		15	120
			4-Methylphenol-d8	40	17.23	43		10	140
			Nitrobenzene-d5	40	30.43	76		10	135
			2-Nitrophenol-d4	40	31.66	79		10	120
			2,4-Dichlorophenol-d3	40	28.05	70		10	140
			4-Chloroaniline-d4	40	21.10	53		1	145
			Dimethylphthalate-d6	40	35.60	89		10	145
			Acenaphthylene-d8	40	32.56	81		15	120
			4-Nitrophenol-d4	40	15.32	38		10	150
			Fluorene-d10	40	35.68	89		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	34.86	87		10	150
			Pyrene-d10	40	29.77	74		10	130
			Benzo(a)pyrene-d12	40	22.25	56		10	140
P2897-14DL	C0T61DL	BP020715.D	1,4-Dioxane-d8	8	4.45	56		15	120
			Pyridine-d5	40	4.93	12	*	20	120
			Phenol-d5	40	24.80	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.22	66		10	150
			2-Chlorophenol-d4	40	26.51	66		15	120
			4-Methylphenol-d8	40	24.66	62		10	140
			Nitrobenzene-d5	40	30.36	76		10	135
			2-Nitrophenol-d4	40	30.64	77		10	120
			2,4-Dichlorophenol-d3	40	27.79	69		10	140
			4-Chloroaniline-d4	40	14.41	36		1	145
			Dimethylphthalate-d6	40	34.51	86		10	145
			Acenaphthylene-d8	40	30.95	77		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	33.03	83		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.93	27		10	130
			Anthracene-d10	40	32.26	81		10	150
			Pyrene-d10	40	25.94	65		10	130
			Benzo(a)pyrene-d12	40	21.43	54		10	140
P2897-14DL2	C0T61DL2	BP020718.D	Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	0.00	0	*	15	120
			Phenol-d5	40	24.30	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.25	68		10	150
			2-Chlorophenol-d4	40	26.70	67		15	120
			4-Methylphenol-d8	40	21.45	54		10	140
			Nitrobenzene-d5	40	27.60	69		10	135
			2-Nitrophenol-d4	40	27.00	68		10	120
			2,4-Dichlorophenol-d3	40	23.65	59		10	140
			4-Chloroaniline-d4	40	13.65	34		1	145
			Dimethylphthalate-d6	40	34.90	87		10	145
			Acenaphthylene-d8	40	30.85	77		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150



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

Surrogate Summary

SW-846

SDG No.: BP070124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2897-14DL2	C0T61DL2	BP020718.D	Fluorene-d10	40	34.75	87		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	33.95	85		10	150
			Pyrene-d10	40	26.90	67		10	130
			Benzo(a)pyrene-d12	40	22.35	56		10	140

Surrogate Summary

SW-846

SDG No.: BP070124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2962-04	C0T76	BP020731.D	1,4-Dioxane-d8	8	7.29	91		15	120
			Pyridine-d5	40	36.55	91		20	120
			Phenol-d5	40	28.02	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	126.30	316	*	10	150
			2-Chlorophenol-d4	40	32.43	81		15	120
			4-Methylphenol-d8	40	32.52	81		10	140
			Nitrobenzene-d5	40	46.13	115		10	135
			2-Nitrophenol-d4	40	31.26	78		10	120
			2,4-Dichlorophenol-d3	40	29.33	73		10	140
			4-Chloroaniline-d4	40	47.84	120		1	145
			Dimethylphthalate-d6	40	30.26	76		10	145
			Acenaphthylene-d8	40	28.66	72		15	120
			4-Nitrophenol-d4	40	23.84	60		10	150
			Fluorene-d10	40	29.52	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.35	58		10	130
			Anthracene-d10	40	29.02	73		10	150
			Pyrene-d10	40	27.90	70		10	130
			Benzo(a)pyrene-d12	40	29.53	74		10	140
P2962-05	C0T77	BP020732.D	1,4-Dioxane-d8	8	3.73	47		15	120
			Pyridine-d5	40	20.15	50		20	120
			Phenol-d5	40	23.25	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.10	55		10	150
			2-Chlorophenol-d4	40	23.50	59		15	120
			4-Methylphenol-d8	40	24.49	61		10	140
			Nitrobenzene-d5	40	26.06	65		10	135
			2-Nitrophenol-d4	40	29.35	73		10	120
			2,4-Dichlorophenol-d3	40	25.30	63		10	140
			4-Chloroaniline-d4	40	25.59	64		1	145
			Dimethylphthalate-d6	40	28.17	70		10	145
			Acenaphthylene-d8	40	26.24	66		15	120
			4-Nitrophenol-d4	40	21.64	54		10	150
			Fluorene-d10	40	27.31	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.14	50		10	130
			Anthracene-d10	40	27.40	69		10	150
			Pyrene-d10	40	26.67	67		10	130
			Benzo(a)pyrene-d12	40	27.69	69		10	140
P2962-08	C0T80	BP020733.D	1,4-Dioxane-d8	8	3.22	40		15	120
			Pyridine-d5	40	14.29	36		20	120
			Phenol-d5	40	20.57	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.36	48		10	150
			2-Chlorophenol-d4	40	20.66	52		15	120
			4-Methylphenol-d8	40	21.99	55		10	140
			Nitrobenzene-d5	40	22.67	57		10	135
			2-Nitrophenol-d4	40	25.17	63		10	120
			2,4-Dichlorophenol-d3	40	22.49	56		10	140
			4-Chloroaniline-d4	40	22.28	56		1	145
			Dimethylphthalate-d6	40	26.07	65		10	145
			Acenaphthylene-d8	40	23.50	59		15	120
			4-Nitrophenol-d4	40	20.08	50		10	150

Surrogate Summary

SW-846

SDG No.: BP070124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2962-08	C0T80	BP020733.D	Fluorene-d10	40	25.05	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.94	50		10	130
			Anthracene-d10	40	25.65	64		10	150
			Pyrene-d10	40	25.17	63		10	130
			Benzo(a)pyrene-d12	40	27.03	68		10	140
P2962-09	C0T81	BP020734.D	1,4-Dioxane-d8	8	3.16	39		15	120
			Pyridine-d5	40	6.21	16	*	20	120
			Phenol-d5	40	18.74	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.63	47		10	150
			2-Chlorophenol-d4	40	19.16	48		15	120
			4-Methylphenol-d8	40	19.53	49		10	140
			Nitrobenzene-d5	40	22.11	55		10	135
			2-Nitrophenol-d4	40	24.20	60		10	120
			2,4-Dichlorophenol-d3	40	20.42	51		10	140
			4-Chloroaniline-d4	40	18.08	45		1	145
			Dimethylphthalate-d6	40	25.26	63		10	145
			Acenaphthylene-d8	40	22.32	56		15	120
			4-Nitrophenol-d4	40	18.41	46		10	150
			Fluorene-d10	40	23.46	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.05	48		10	130
			Anthracene-d10	40	24.40	61		10	150
			Pyrene-d10	40	22.26	56		10	130
			Benzo(a)pyrene-d12	40	25.74	64		10	140
			1,4-Dioxane-d8	8	3.76	47		15	120
			Pyridine-d5	40	20.24	51		20	120
P2962-10	C0T82	BP020738.D	Phenol-d5	40	23.49	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.02	55		10	150
			2-Chlorophenol-d4	40	23.68	59		15	120
			4-Methylphenol-d8	40	24.58	61		10	140
			Nitrobenzene-d5	40	25.29	63		10	135
			2-Nitrophenol-d4	40	28.47	71		10	120
			2,4-Dichlorophenol-d3	40	25.12	63		10	140
			4-Chloroaniline-d4	40	24.76	62		1	145
			Dimethylphthalate-d6	40	27.44	69		10	145
			Acenaphthylene-d8	40	25.28	63		15	120
			4-Nitrophenol-d4	40	21.93	55		10	150
			Fluorene-d10	40	26.73	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.71	49		10	130
			Anthracene-d10	40	26.21	66		10	150
			Pyrene-d10	40	27.93	70		10	130
			Benzo(a)pyrene-d12	40	27.19	68		10	140
			1,4-Dioxane-d8	8	3.20	40		15	120
			Pyridine-d5	40	6.22	16	*	20	120
			Phenol-d5	40	20.30	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.15	48		10	150
P2962-11	C0T83	BP020739.D	2-Chlorophenol-d4	40	20.27	51		15	120
			4-Methylphenol-d8	40	21.51	54		10	140
			Nitrobenzene-d5	40	21.55	54		10	135
			2-Nitrophenol-d4	40	24.47	61		10	120

Surrogate Summary

SW-846

SDG No.: BP070124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2962-11	C0T83	BP020739.D	2,4-Dichlorophenol-d3	40	21.64	54		10	140
			4-Chloroaniline-d4	40	19.76	49		1	145
			Dimethylphthalate-d6	40	24.06	60		10	145
			Acenaphthylene-d8	40	22.50	56		15	120
			4-Nitrophenol-d4	40	21.15	53		10	150
			Fluorene-d10	40	24.62	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.67	47		10	130
			Anthracene-d10	40	24.15	60		10	150
			Pyrene-d10	40	27.21	68		10	130
			Benzo(a)pyrene-d12	40	24.94	62		10	140
PB161627BL	PB161627BL	BP020722.D	Pyridine-d5	40	25.85	65		20	120
			1,4-Dioxane-d8	8	5.03	63		15	120
			Phenol-d5	40	27.92	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.72	67		10	150
			2-Chlorophenol-d4	40	27.81	70		15	120
			4-Methylphenol-d8	40	28.82	72		10	140
			Nitrobenzene-d5	40	30.63	77		10	135
			2-Nitrophenol-d4	40	35.42	89		10	120
			2,4-Dichlorophenol-d3	40	29.24	73		10	140
			4-Chloroaniline-d4	40	29.94	75		1	145
			Dimethylphthalate-d6	40	30.83	77		10	145
			Acenaphthylene-d8	40	28.65	72		15	120
			4-Nitrophenol-d4	40	27.40	69		10	150
			Fluorene-d10	40	29.83	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.37	68		10	130
			Anthracene-d10	40	30.69	77		10	150
			Pyrene-d10	40	29.69	74		10	130
			Benzo(a)pyrene-d12	40	30.58	76		10	140
PB161627BS	PB161627BS	BP020735.D	1,4-Dioxane-d8	8	5.70	71		15	120
			Pyridine-d5	40	27.82	70		20	120
			Phenol-d5	40	31.80	79		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.18	73		10	150
			2-Chlorophenol-d4	40	31.61	79		15	120
			4-Methylphenol-d8	40	31.65	79		10	140
			Nitrobenzene-d5	40	34.18	85		10	135
			2-Nitrophenol-d4	40	38.82	97		10	120
			2,4-Dichlorophenol-d3	40	34.07	85		10	140
			4-Chloroaniline-d4	40	30.17	75		1	145
			Dimethylphthalate-d6	40	33.89	85		10	145
			Acenaphthylene-d8	40	31.68	79		15	120
			4-Nitrophenol-d4	40	34.32	86		10	150
			Fluorene-d10	40	32.89	82		20	140
			4,6-Dinitro-2-methylphenol-d2	40	35.96	90		10	130
			Anthracene-d10	40	30.86	77		10	150
			Pyrene-d10	40	31.24	78		10	130
			Benzo(a)pyrene-d12	40	33.51	84		10	140

Surrogate Summary

SW-846

SDG No.: BP070124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2962-06	C0T78	BP020740.D	Pyridine-d5	40	21.17	53		20	120
			1,4-Dioxane-d8	8	4.30	54		15	120
			Phenol-d5	40	24.58	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.23	63		10	150
			2-Chlorophenol-d4	40	26.02	65		15	120
			4-Methylphenol-d8	40	24.59	61		10	140
			Nitrobenzene-d5	40	31.00	77		10	135
			2-Nitrophenol-d4	40	34.55	86		10	120
			2,4-Dichlorophenol-d3	40	28.25	71		10	140
			4-Chloroaniline-d4	40	24.76	62		1	145
			Dimethylphthalate-d6	40	29.93	75		10	145
			Acenaphthylene-d8	40	29.45	74		15	120
			4-Nitrophenol-d4	40	25.23	63		10	150
			Fluorene-d10	40	29.35	73		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.64	52		10	130
			Anthracene-d10	40	29.60	74		10	150
			Pyrene-d10	40	26.38	66		10	130
			Benzo(a)pyrene-d12	40	30.86	77		10	140
P2962-07	C0T79	BP020741.D	1,4-Dioxane-d8	8	4.26	53		15	120
			Pyridine-d5	40	21.25	53		20	120
			Phenol-d5	40	25.09	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.19	63		10	150
			2-Chlorophenol-d4	40	25.63	64		15	120
			4-Methylphenol-d8	40	26.58	66		10	140
			Nitrobenzene-d5	40	29.74	74		10	135
			2-Nitrophenol-d4	40	33.92	85		10	120
			2,4-Dichlorophenol-d3	40	27.94	70		10	140
			4-Chloroaniline-d4	40	26.96	67		1	145
			Dimethylphthalate-d6	40	31.24	78		10	145
			Acenaphthylene-d8	40	29.17	73		15	120
			4-Nitrophenol-d4	40	23.59	59		10	150
			Fluorene-d10	40	29.61	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.06	55		10	130
			Anthracene-d10	40	29.52	74		10	150
			Pyrene-d10	40	27.58	69		10	130
			Benzo(a)pyrene-d12	40	30.97	77		10	140
PB161640BL	PB161640BL	BP020737.D	1,4-Dioxane-d8	8	6.03	75		15	120
			Pyridine-d5	40	28.97	72		20	120
			Phenol-d5	40	30.03	75		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.12	75		10	150
			2-Chlorophenol-d4	40	30.55	76		15	120
			4-Methylphenol-d8	40	30.18	75		10	140
			Nitrobenzene-d5	40	35.23	88		10	135
			2-Nitrophenol-d4	40	39.25	98		10	120
			2,4-Dichlorophenol-d3	40	32.56	81		10	140
			4-Chloroaniline-d4	40	32.23	81		1	145
			Dimethylphthalate-d6	40	35.65	89		10	145
			Acenaphthylene-d8	40	32.62	82		15	120
			4-Nitrophenol-d4	40	28.02	70		10	150

Surrogate Summary

SW-846

SDG No.: BP070124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161640BL	PB161640BL	BP020737.D	Fluorene-d10	40	32.87	82		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.22	71		10	130
			Anthracene-d10	40	34.14	85		10	150
			Pyrene-d10	40	31.08	78		10	130
			Benzo(a)pyrene-d12	40	34.85	87		10	140
PB161640BS	PB161640BS	BP020742.D	1,4-Dioxane-d8	8	5.62	70		15	120
			Pyridine-d5	40	28.27	71		20	120
			Phenol-d5	40	32.42	81		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.83	75		10	150
			2-Chlorophenol-d4	40	32.16	80		15	120
			4-Methylphenol-d8	40	32.84	82		10	140
			Nitrobenzene-d5	40	35.09	88		10	135
			2-Nitrophenol-d4	40	39.70	99		10	120
			2,4-Dichlorophenol-d3	40	35.45	89		10	140
			4-Chloroaniline-d4	40	31.51	79		1	145
			Dimethylphthalate-d6	40	35.04	88		10	145
			Acenaphthylene-d8	40	32.87	82		15	120
			4-Nitrophenol-d4	40	38.99	97		10	150
			Fluorene-d10	40	34.84	87		20	140
			4,6-Dinitro-2-methylphenol-d2	40	37.51	94		10	130
			Anthracene-d10	40	32.52	81		10	150
			Pyrene-d10	40	36.49	91		10	130
			Benzo(a)pyrene-d12	40	34.73	87		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP070124

Lab Code: CHEM

SAS No.: BP070124

SDG NO.: BP070124

Lab File ID: BP020711.D

DFTPP Injection Date: 07/01/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.5
68	Less than 2.0% of mass 69	0.4 (1.3) 1
69	Mass 69 relative abundance	31.6
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	41.6
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	6.9
275	10.0 - 60.0% of mass 198	30.1
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	14.8
442	Greater than 50% of mass 198	92.9
443	15.0 - 24.0% of mass 442	18.1 (19.5) 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
SSTD020665	SSTDCCC020	BP020712.D	07/01/2024	10:07
SBLK602	PB161602BL	BP020713.D	07/01/2024	10:56
A4C52	P2871-04	BP020714.D	07/01/2024	11:56
C0T61DL	P2897-14DL	BP020715.D	07/01/2024	12:39
A4CN7	P2871-16	BP020716.D	07/01/2024	13:21
A4C53	P2871-05	BP020717.D	07/01/2024	14:03
C0T61DL2	P2897-14DL2	BP020718.D	07/01/2024	14:46
A4C55	P2871-07	BP020719.D	07/01/2024	15:28
A4C58	P2871-09	BP020720.D	07/01/2024	16:10
SSTD020666	SSTDCCC020	BP020721.D	07/01/2024	16:53
SBLK627	PB161627BL	BP020722.D	07/01/2024	17:37
A4CN5	P2871-15	BP020723.D	07/01/2024	18:21
A4B54	P2871-23	BP020724.D	07/01/2024	19:05
A4CJ2	P2871-12	BP020725.D	07/01/2024	19:48
A4CN3	P2871-13	BP020726.D	07/01/2024	20:31
A4CN6	P2871-20	BP020727.D	07/01/2024	21:15
A4CN4	P2871-14	BP020728.D	07/01/2024	21:58
C0SL3DL	P2897-08DL	BP020729.D	07/01/2024	22:41

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP070124

Lab Code: CHEM

SAS No.: BP070124

SDG NO.: BP070124

Lab File ID: BP020711.D

DFTPP Injection Date: 07/01/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.5
68	Less than 2.0% of mass 69	0.4 (1.3) 1
69	Mass 69 relative abundance	31.6
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	41.6
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	6.9
275	10.0 - 60.0% of mass 198	30.1
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	14.8
442	Greater than 50% of mass 198	92.9
443	15.0 - 24.0% of mass 442	18.1 (19.5) 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
A4CP9DL	P2934-13DL	BP020730.D	07/01/2024	23:24
C0T76	P2962-04	BP020731.D	07/02/2024	00:07
C0T77	P2962-05	BP020732.D	07/02/2024	00:51
C0T80	P2962-08	BP020733.D	07/02/2024	01:34
C0T81	P2962-09	BP020734.D	07/02/2024	02:17
SLCS627	PB161627BS	BP020735.D	07/02/2024	03:00
SSTD020667	SSTDCCC020	BP020736.D	07/02/2024	04:26
SBLK640	PB161640BL	BP020737.D	07/02/2024	05:09
C0T82	P2962-10	BP020738.D	07/02/2024	05:52
C0T83	P2962-11	BP020739.D	07/02/2024	06:35
C0T78	P2962-06	BP020740.D	07/02/2024	07:18
C0T79	P2962-07	BP020741.D	07/02/2024	08:00
SLCS640	PB161640BS	BP020742.D	07/02/2024	08:43