

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN062224 SAS No.: BN062224 SDG No.: BN062224

Instrument ID: BNA_N Calibration Date/Time: 6/22/2024 1:10:00

Lab File ID: BN032160.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020300 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.517	0.450	0.010	-12.9841	40.0
Benzaldehyde	0.804	0.746	0.010	-7.255	40.0
Pyridine	1.361	1.090	0.010	-19.8643	40.0
Phenol	1.745	1.488	0.080	-14.7295	20.0
Bis(2-Chloroethyl)ether	1.443	1.241	0.100	-13.9907	20.0
2-Chlorophenol	1.369	1.304	0.200	-4.7555	20.0
2-Methylphenol	1.348	1.149	0.010	-14.7094	20.0
2,2-oxybis(1-Chloropropane)	1.661	1.344	0.010	-19.108	40.0
Acetophenone	2.118	1.844	0.060	-12.9541	20.0
4-Methylphenol	1.461	1.257	0.010	-13.9792	20.0
N-Nitroso-di-n-propylamine	1.098	0.851	0.050	-22.458	30.0
Hexachloroethane	0.580	0.547	0.100	-5.6819	20.0
Nitrobenzene	0.364	0.324	0.050	-11.0459	25.0
Isophorone	0.747	0.601	0.050	-19.5313	25.0
2-Nitrophenol	0.173	0.176	0.050	2.2389	25.0
2,4-Dimethylphenol	0.336	0.297	0.050	-11.5479	25.0
Bis(2-Chloroethoxy)methane	0.466	0.397	0.050	-14.6972	20.0
2,4-Dichlorophenol	0.291	0.289	0.060	-0.8748	20.0
Naphthalene	1.035	0.994	0.200	-3.9485	20.0
4-Chloroaniline	0.425	0.384	0.010	-9.6036	40.0
Hexachlorobutadiene	0.175	0.183	0.040	4.541	30.0
Caprolactam	0.114	0.089	0.010	-21.4599	40.0
4-Chloro-3-methylphenol	0.340	0.298	0.040	-12.4758	25.0
1-Methylnaphthalene	0.710	0.661	0.100	-6.9468	20.0
2-Methylnaphthalene	0.708	0.664	0.100	-6.1282	20.0
Hexachlorocyclopentadiene	0.305	0.340	0.010	11.6112	40.0
2,4,6-Trichlorophenol	0.359	0.359	0.090	0.069	25.0
2,4,5-Trichlorophenol	0.390	0.392	0.100	0.3707	25.0
1,1-Biphenyl	1.407	1.397	0.200	-0.6917	20.0
2-Chloronaphthalene	1.102	1.101	0.300	-0.0377	20.0
2-Nitroaniline	0.319	0.270	0.050	-15.4829	40.0
Dimethylphthalate	1.425	1.394	0.300	-2.1889	20.0
2,6-Dinitrotoluene	0.283	0.276	0.080	-2.4609	30.0
Acenaphthylene	1.811	1.763	0.400	-2.6391	20.0
3-Nitroaniline	0.303	0.292	0.010	-3.6711	40.0
Acenaphthene	1.198	1.199	0.200	0.1049	20.0
2,4-Dinitrophenol	0.143	0.145	0.010	1.403	40.0
4-Nitrophenol	0.207	0.195	0.010	-5.6144	40.0
Dibenzofuran	1.628	1.635	0.300	0.4794	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN062224 SAS No.: BN062224 SDG No.: BN062224

Instrument ID: BNA_N Calibration Date/Time: 6/22/2024 1:10:00

Lab File ID: BN032160.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020300 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.416	0.405	0.070	-2.6191	30.0
Diethylphthalate	1.470	1.417	0.300	-3.6365	20.0
Fluorene	1.311	1.315	0.200	0.3527	20.0
4-Chlorophenyl-phenylether	0.635	0.648	0.100	2.0974	20.0
4-Nitroaniline	0.288	0.300	0.010	4.0864	40.0
4,6-Dinitro-2-methylphenol	0.107	0.116	0.010	8.6323	40.0
N-Nitrosodiphenylamine	0.551	0.540	0.050	-1.97	20.0
1,2,4,5-Tetrachlorobenzene	0.529	0.554	0.100	4.7335	20.0
4-Bromophenyl-phenylether	0.194	0.198	0.070	2.3874	20.0
Hexachlorobenzene	0.220	0.224	0.050	1.9569	25.0
Atrazine	0.174	0.159	0.010	-8.8055	25.0
Pentachlorophenol	0.141	0.137	0.010	-2.6503	40.0
Phenanthrene	1.019	0.990	0.200	-2.8	20.0
Pentachlorobenzene	0.251	0.257	0.050	2.3501	20.0
Anthracene	1.032	1.025	0.200	-0.712	20.0
1,2,3,4-Tetrachlorobenzene	0.257	0.263	0.050	2.038	20.0
Carbazole	0.880	0.920	0.050	4.5163	40.0
Di-n-butylphthalate	1.211	1.224	0.500	1.0683	25.0
Fluoranthene	1.279	1.261	0.400	-1.418	25.0
Pyrene	1.312	1.317	0.400	0.3892	25.0
Butylbenzylphthalate	0.620	0.593	0.100	-4.2679	40.0
3,3-Dichlorobenzidine	0.384	0.380	0.010	-1.0228	40.0
Benzo (a) anthracene	1.339	1.315	0.300	-1.7506	30.0
Chrysene	1.250	1.220	0.200	-2.4367	30.0
Bis (2-ethylhexyl) phthalate	0.904	0.854	0.200	-5.4788	40.0
Di-n-octyl phthalate	1.339	1.294	0.010	-3.3489	40.0
Benzo (b) fluoranthene	1.195	1.130	0.200	-5.4543	25.0
Benzo (k) fluoranthene	1.173	1.146	0.200	-2.2724	25.0
Benzo (a) pyrene	1.120	1.079	0.200	-3.6318	20.0
Indeno (1,2,3-cd) pyrene	1.290	1.326	0.200	2.7913	25.0
Dibenzo (a,h) anthracene	1.053	1.130	0.200	7.3108	30.0
Benzo (g,h,i) perylene	1.026	1.070	0.200	4.2954	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.332	0.040	1.8763	20.0
1,4-Dioxane-d8	0.483	0.425	0.010	-12.0529	25.0
Pyridine-d5	1.361	1.100	0.010	-19.1924	40.0
Phenol-d5	1.715	1.458	0.010	-14.9875	25.0
Bis- (2-Chloroethyl) ether-d8	1.003	0.819	0.050	-18.3536	25.0
2-Chlorophenol-d4	1.308	1.241	0.200	-5.114	20.0
4-Methylphenol-d8	1.398	1.188	0.010	-15.0181	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN062224 SAS No.: BN062224 SDG No.: BN062224

Instrument ID: BNA_N Calibration Date/Time: 6/22/2024 1:10:00

Lab File ID: BN032160.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020300 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.149	0.050	-2.7039	20.0
2-Nitrophenol-d4	0.158	0.160	0.050	1.3333	30.0
2,4-Dichlorophenol-d3	0.295	0.287	0.060	-2.5103	20.0
4-Chloroaniline-d4	0.438	0.392	0.010	-10.4546	40.0
Dimethylphthalate-d6	1.393	1.343	0.300	-3.6166	20.0
Acenaphthylene-d8	1.602	1.561	0.400	-2.5697	20.0
4-Nitrophenol-d4	0.279	0.258	0.010	-7.6861	40.0
Fluorene-d10	1.179	1.161	0.100	-1.5325	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.106	0.010	5.9094	40.0
Anthracene-d10	0.856	0.833	0.300	-2.7063	20.0
Pyrene-d10	1.070	1.053	0.300	-1.6158	25.0
Benzo(a)pyrene-d12	0.955	0.940	0.010	-1.618	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.: BN062224 SAS No.: BN062224 SDG No.: BN062224

Instrument ID: BNA_N Calibration Date/Time: 6/22/2024 1:15:55

Lab File ID: BN032168.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020301 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.517	0.448	0.010	-13.4554	40.0
Benzaldehyde	0.804	0.747	0.010	-7.0528	40.0
Pyridine	1.361	1.104	0.010	-18.8395	40.0
Phenol	1.745	1.466	0.080	-15.9877	20.0
Bis(2-Chloroethyl)ether	1.443	1.222	0.100	-15.276	20.0
2-Chlorophenol	1.369	1.294	0.200	-5.4738	20.0
2-Methylphenol	1.348	1.137	0.010	-15.6011	20.0
2,2-oxybis(1-Chloropropane)	1.661	1.294	0.010	-22.0727	40.0
Acetophenone	2.118	1.809	0.060	-14.6013	20.0
4-Methylphenol	1.461	1.218	0.010	-16.6466	20.0
N-Nitroso-di-n-propylamine	1.098	0.820	0.050	-25.2782	30.0
Hexachloroethane	0.580	0.544	0.100	-6.2287	20.0
Nitrobenzene	0.364	0.325	0.050	-10.8354	25.0
Isophorone	0.747	0.591	0.050	-20.9743	25.0
2-Nitrophenol	0.173	0.174	0.050	0.9328	25.0
2,4-Dimethylphenol	0.336	0.294	0.050	-12.3416	25.0
Bis(2-Chloroethoxy)methane	0.466	0.391	0.050	-16.0603	20.0
2,4-Dichlorophenol	0.291	0.288	0.060	-1.1881	20.0
Naphthalene	1.035	1.008	0.200	-2.6354	20.0
4-Chloroaniline	0.425	0.384	0.010	-9.609	40.0
Hexachlorobutadiene	0.175	0.187	0.040	6.6583	30.0
Caprolactam	0.114	0.097	0.010	-14.2818	40.0
4-Chloro-3-methylphenol	0.340	0.295	0.040	-13.2117	25.0
1-Methylnaphthalene	0.710	0.661	0.100	-6.8229	20.0
2-Methylnaphthalene	0.708	0.668	0.100	-5.5539	20.0
Hexachlorocyclopentadiene	0.305	0.330	0.010	8.1436	40.0
2,4,6-Trichlorophenol	0.359	0.348	0.090	-3.158	25.0
2,4,5-Trichlorophenol	0.390	0.385	0.100	-1.2535	25.0
1,1-Biphenyl	1.407	1.374	0.200	-2.338	20.0
2-Chloronaphthalene	1.102	1.095	0.300	-0.6254	20.0
2-Nitroaniline	0.319	0.264	0.050	-17.3785	40.0
Dimethylphthalate	1.425	1.329	0.300	-6.7174	20.0
2,6-Dinitrotoluene	0.283	0.268	0.080	-5.4213	30.0
Acenaphthylene	1.811	1.743	0.400	-3.7418	20.0
3-Nitroaniline	0.303	0.282	0.010	-6.7979	40.0
Acenaphthene	1.198	1.158	0.200	-3.3202	20.0
2,4-Dinitrophenol	0.143	0.131	0.010	-8.7001	40.0
4-Nitrophenol	0.207	0.183	0.010	-11.6667	40.0
Dibenzofuran	1.628	1.568	0.300	-3.6716	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN062224 SAS No.: BN062224 SDG No.: BN062224

Instrument ID: BNA_N Calibration Date/Time: 6/22/2024 1:15:55

Lab File ID: BN032168.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020301 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.416	0.383	0.070	-7.9143	30.0
Diethylphthalate	1.470	1.311	0.300	-10.8086	20.0
Fluorene	1.311	1.251	0.200	-4.5181	20.0
4-Chlorophenyl-phenylether	0.635	0.623	0.100	-1.8754	20.0
4-Nitroaniline	0.288	0.284	0.010	-1.3678	40.0
4,6-Dinitro-2-methylphenol	0.107	0.113	0.010	5.3563	40.0
N-Nitrosodiphenylamine	0.551	0.562	0.050	1.8993	20.0
1,2,4,5-Tetrachlorobenzene	0.529	0.564	0.100	6.6913	20.0
4-Bromophenyl-phenylether	0.194	0.198	0.070	2.0636	20.0
Hexachlorobenzene	0.220	0.226	0.050	2.6952	25.0
Atrazine	0.174	0.152	0.010	-12.8331	25.0
Pentachlorophenol	0.141	0.132	0.010	-6.4045	40.0
Phenanthrene	1.019	1.012	0.200	-0.6833	20.0
Pentachlorobenzene	0.251	0.277	0.050	10.3532	20.0
Anthracene	1.032	1.048	0.200	1.5119	20.0
1,2,3,4-Tetrachlorobenzene	0.257	0.274	0.050	6.4225	20.0
Carbazole	0.880	0.914	0.050	3.8513	40.0
Di-n-butylphthalate	1.211	1.139	0.500	-5.9529	25.0
Fluoranthene	1.279	1.230	0.400	-3.8497	25.0
Pyrene	1.312	1.293	0.400	-1.4585	25.0
Butylbenzylphthalate	0.620	0.551	0.100	-11.0893	40.0
3,3-Dichlorobenzidine	0.384	0.383	0.010	-0.2174	40.0
Benzo (a) anthracene	1.339	1.280	0.300	-4.389	30.0
Chrysene	1.250	1.203	0.200	-3.7675	30.0
Bis (2-ethylhexyl) phthalate	0.904	0.784	0.200	-13.2057	40.0
Di-n-octyl phthalate	1.339	1.171	0.010	-12.5457	40.0
Benzo (b) fluoranthene	1.195	1.096	0.200	-8.2991	25.0
Benzo (k) fluoranthene	1.173	1.135	0.200	-3.2739	25.0
Benzo (a) pyrene	1.120	1.052	0.200	-6.0268	20.0
Indeno (1,2,3-cd) pyrene	1.290	1.308	0.200	1.3586	25.0
Dibenzo (a,h) anthracene	1.053	1.096	0.200	4.0053	30.0
Benzo (g,h,i) perylene	1.026	1.063	0.200	3.5993	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.308	0.040	-5.7353	20.0
1,4-Dioxane-d8	0.483	0.429	0.010	-11.2781	25.0
Pyridine-d5	1.361	1.145	0.010	-15.8688	40.0
Phenol-d5	1.715	1.434	0.010	-16.387	25.0
Bis- (2-Chloroethyl) ether-d8	1.003	0.790	0.050	-21.2134	25.0
2-Chlorophenol-d4	1.308	1.233	0.200	-5.7165	20.0
4-Methylphenol-d8	1.398	1.158	0.010	-17.1464	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN062224 SAS No.: BN062224 SDG No.: BN062224

Instrument ID: BNA_N Calibration Date/Time: 6/22/2024 1:15:55

Lab File ID: BN032168.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020301 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.151	0.050	-0.9412	20.0
2-Nitrophenol-d4	0.158	0.162	0.050	2.6103	30.0
2,4-Dichlorophenol-d3	0.295	0.290	0.060	-1.6457	20.0
4-Chloroaniline-d4	0.438	0.398	0.010	-9.1777	40.0
Dimethylphthalate-d6	1.393	1.300	0.300	-6.671	20.0
Acenaphthylene-d8	1.602	1.528	0.400	-4.6318	20.0
4-Nitrophenol-d4	0.279	0.239	0.010	-14.2537	40.0
Fluorene-d10	1.179	1.116	0.100	-5.3308	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.104	0.010	3.0193	40.0
Anthracene-d10	0.856	0.855	0.300	-0.0976	20.0
Pyrene-d10	1.070	1.032	0.300	-3.6172	25.0
Benzo(a)pyrene-d12	0.955	0.910	0.010	-4.6965	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.: BN062224 SAS No.: BN062224 SDG No.: BN062224

Instrument ID: BNA_N Calibration Date/Time: 6/23/2024 1:03:06

Lab File ID: BN032184.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020302 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.517	0.388	0.010	-24.8971	40.0
Benzaldehyde	0.804	0.761	0.010	-5.4333	40.0
Pyridine	1.361	1.050	0.010	-22.8623	40.0
Phenol	1.745	1.485	0.080	-14.9151	20.0
Bis(2-Chloroethyl)ether	1.443	1.222	0.100	-15.3158	20.0
2-Chlorophenol	1.369	1.305	0.200	-4.6889	20.0
2-Methylphenol	1.348	1.174	0.010	-12.9042	20.0
2,2-oxybis(1-Chloropropane)	1.661	1.328	0.010	-20.0504	40.0
Acetophenone	2.118	1.860	0.060	-12.1874	20.0
4-Methylphenol	1.461	1.260	0.010	-13.7387	20.0
N-Nitroso-di-n-propylamine	1.098	0.853	0.050	-22.2765	30.0
Hexachloroethane	0.580	0.546	0.100	-5.7486	20.0
Nitrobenzene	0.364	0.325	0.050	-10.8816	25.0
Isophorone	0.747	0.609	0.050	-18.5507	25.0
2-Nitrophenol	0.173	0.187	0.050	8.2276	25.0
2,4-Dimethylphenol	0.336	0.295	0.050	-12.1253	25.0
Bis(2-Chloroethoxy)methane	0.466	0.399	0.050	-14.3795	20.0
2,4-Dichlorophenol	0.291	0.294	0.060	1.0166	20.0
Naphthalene	1.035	1.016	0.200	-1.8722	20.0
4-Chloroaniline	0.425	0.379	0.010	-10.8551	40.0
Hexachlorobutadiene	0.175	0.195	0.040	11.7078	30.0
Caprolactam	0.114	0.096	0.010	-15.9125	40.0
4-Chloro-3-methylphenol	0.340	0.296	0.040	-12.9316	25.0
1-Methylnaphthalene	0.710	0.663	0.100	-6.6589	20.0
2-Methylnaphthalene	0.708	0.659	0.100	-6.805	20.0
Hexachlorocyclopentadiene	0.305	0.271	0.010	-10.9548	40.0
2,4,6-Trichlorophenol	0.359	0.382	0.090	6.3174	25.0
2,4,5-Trichlorophenol	0.390	0.397	0.100	1.7474	25.0
1,1-Biphenyl	1.407	1.465	0.200	4.1352	20.0
2-Chloronaphthalene	1.102	1.134	0.300	2.951	20.0
2-Nitroaniline	0.319	0.269	0.050	-15.6882	40.0
Dimethylphthalate	1.425	1.381	0.300	-3.1168	20.0
2,6-Dinitrotoluene	0.283	0.283	0.080	-0.1435	30.0
Acenaphthylene	1.811	1.781	0.400	-1.6357	20.0
3-Nitroaniline	0.303	0.285	0.010	-5.8115	40.0
Acenaphthene	1.198	1.185	0.200	-1.0521	20.0
2,4-Dinitrophenol	0.143	0.113	0.010	-20.9632	40.0
4-Nitrophenol	0.207	0.158	0.010	-23.606	40.0
Dibenzofuran	1.628	1.571	0.300	-3.474	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN062224 SAS No.: BN062224 SDG No.: BN062224

Instrument ID: BNA_N Calibration Date/Time: 6/23/2024 1:03:06

Lab File ID: BN032184.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020302 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.416	0.383	0.070	-7.831	30.0
Diethylphthalate	1.470	1.343	0.300	-8.681	20.0
Fluorene	1.311	1.226	0.200	-6.4602	20.0
4-Chlorophenyl-phenylether	0.635	0.614	0.100	-3.3435	20.0
4-Nitroaniline	0.288	0.281	0.010	-2.4165	40.0
4,6-Dinitro-2-methylphenol	0.107	0.110	0.010	3.3447	40.0
N-Nitrosodiphenylamine	0.551	0.599	0.050	8.649	20.0
1,2,4,5-Tetrachlorobenzene	0.529	0.601	0.100	13.6015	20.0
4-Bromophenyl-phenylether	0.194	0.222	0.070	14.5671	20.0
Hexachlorobenzene	0.220	0.239	0.050	8.9655	25.0
Atrazine	0.174	0.164	0.010	-5.5962	25.0
Pentachlorophenol	0.141	0.128	0.010	-9.2296	40.0
Phenanthrene	1.019	1.006	0.200	-1.2288	20.0
Pentachlorobenzene	0.251	0.305	0.050	21.5191	20.0
Anthracene	1.032	1.033	0.200	0.0476	20.0
1,2,3,4-Tetrachlorobenzene	0.257	0.331	0.050	28.7461	20.0
Carbazole	0.880	0.875	0.050	-0.5998	40.0
Di-n-butylphthalate	1.211	1.205	0.500	-0.4772	25.0
Fluoranthene	1.279	1.366	0.400	6.7983	25.0
Pyrene	1.312	1.401	0.400	6.7913	25.0
Butylbenzylphthalate	0.620	0.629	0.100	1.4113	40.0
3,3-Dichlorobenzidine	0.384	0.371	0.010	-3.389	40.0
Benzo (a) anthracene	1.339	1.307	0.300	-2.4011	30.0
Chrysene	1.250	1.228	0.200	-1.8264	30.0
Bis (2-ethylhexyl) phthalate	0.904	0.915	0.200	1.2749	40.0
Di-n-octyl phthalate	1.339	1.352	0.010	0.9405	40.0
Benzo (b) fluoranthene	1.195	1.120	0.200	-6.3369	25.0
Benzo (k) fluoranthene	1.173	1.161	0.200	-1.0018	25.0
Benzo (a) pyrene	1.120	1.080	0.200	-3.5395	20.0
Indeno (1,2,3-cd) pyrene	1.290	1.340	0.200	3.8416	25.0
Dibenzo (a,h) anthracene	1.053	1.115	0.200	5.8977	30.0
Benzo (g,h,i) perylene	1.026	1.079	0.200	5.2089	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.301	0.040	-7.6472	20.0
1,4-Dioxane-d8	0.483	0.376	0.010	-22.1296	25.0
Pyridine-d5	1.361	1.066	0.010	-21.6587	40.0
Phenol-d5	1.715	1.463	0.010	-14.698	25.0
Bis- (2-Chloroethyl) ether-d8	1.003	0.800	0.050	-20.2527	25.0
2-Chlorophenol-d4	1.308	1.257	0.200	-3.9395	20.0
4-Methylphenol-d8	1.398	1.218	0.010	-12.835	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN062224 SAS No.: BN062224 SDG No.: BN062224

Instrument ID: BNA_N Calibration Date/Time: 6/23/2024 1:03:06

Lab File ID: BN032184.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020302 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.156	0.050	1.994	20.0
2-Nitrophenol-d4	0.158	0.175	0.050	10.8893	30.0
2,4-Dichlorophenol-d3	0.295	0.297	0.060	0.8508	20.0
4-Chloroaniline-d4	0.438	0.386	0.010	-11.838	40.0
Dimethylphthalate-d6	1.393	1.341	0.300	-3.725	20.0
Acenaphthylene-d8	1.602	1.562	0.400	-2.5196	20.0
4-Nitrophenol-d4	0.279	0.210	0.010	-24.8488	40.0
Fluorene-d10	1.179	1.097	0.100	-6.9295	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.101	0.010	0.731	40.0
Anthracene-d10	0.856	0.845	0.300	-1.2812	20.0
Pyrene-d10	1.070	1.108	0.300	3.5255	25.0
Benzo(a)pyrene-d12	0.955	0.935	0.010	-2.0532	20.0

All other compounds must meet a minimum RRF of 0.010.

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:	SBLK647	SDG No.:	BN062224
Lab Sample ID:	PB161647BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032161.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161647

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5	10	ug/L
110-86-1	Pyridine	0.85	U	0.85	10	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	0.89	U	0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.72	U	0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.97	U	0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5	ug/L

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:	SBLK647	SDG No.:	BN062224
Lab Sample ID:	PB161647BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032161.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161647

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.9	U	1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.6	U	1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.8	U	1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.86	U	0.86	5	10	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.7	U	1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	0.97	U	0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	2	U	2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.6	U	0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.7	U	1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.7	U	1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	2.7	U	2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.5	5	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5	10	ug/L
85-01-8	Phenanthrene	1.8	U	1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.5	5	ug/L
120-12-7	Anthracene	1.7	U	1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.75	U	0.75	2.5	5	ug/L
86-74-8	Carbazole	2	U	2	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

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:	SBLK647	SDG No.:	BN062224
Lab Sample ID:	PB161647BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032161.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161647

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.6		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	22.898		20-120		57	SPK: -40
4165-62-2	Phenol-d5	25.932		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.597		25-120		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.474		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	26.602		25-125		67	SPK: -40
4165-60-0	Nitrobenzene-d5	30.147		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.949		20-130		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.922		20-120		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.81		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.133		25-130		80	SPK: -40
93951-97-4	Acenaphthylene-d8	30.688		10-130		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.888		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	31.855		25-125		80	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:	SBLK647	SDG No.:	BN062224
Lab Sample ID:	PB161647BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032161.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161647

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.778		10-130		79	SPK: -40
1719-06-8	Anthracene-d10	32.637		25-130		82	SPK: -40
1718-52-1	Pyrene-d10	33.971		15-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.625		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	309277	7.628				
1146-65-2	Naphthalene-d8	1312788	10.41				
15067-26-2	Acenaphthene-d10	884849	14.275				
1517-22-2	Phenanthrene-d10	1850609	17.028				
1719-03-5	Chrysene-d12	1546686	21.263				
1520-96-3	Perylene-d12	1556104	24.169				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

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:	E1G64	SDG No.:	BN062224
Lab Sample ID:	P2961-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032162.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161647

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5	10	ug/L
110-86-1	Pyridine	0.85	U	0.85	10	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	0.89	U	0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.72	U	0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.97	U	0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5	ug/L

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:	E1G64	SDG No.:	BN062224
Lab Sample ID:	P2961-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032162.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161647

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.9	U	1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.6	U	1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.8	U	1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.86	U	0.86	5	10	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.7	U	1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	0.97	U	0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	2	U	2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.6	U	0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.7	U	1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.7	U	1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	2.7	U	2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.5	5	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5	10	ug/L
85-01-8	Phenanthrene	1.8	U	1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.5	5	ug/L
120-12-7	Anthracene	1.7	U	1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.75	U	0.75	2.5	5	ug/L
86-74-8	Carbazole	2	U	2	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

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:	E1G64	SDG No.:	BN062224
Lab Sample ID:	P2961-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032162.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161647

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.346		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	4.045	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	8.627		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.765		25-120		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.574		20-130		76	SPK: -40
190780-66-6	4-Methylphenol-d8	19.271		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	34.575		20-125		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.491		20-130		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.568		20-120		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.88		1-146		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.461		25-130		91	SPK: -40
93951-97-4	Acenaphthylene-d8	34.985		10-130		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.215		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	36.807		25-125		92	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:	E1G64	SDG No.:	BN062224
Lab Sample ID:	P2961-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032162.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161647

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.348		10-130		93	SPK: -40
1719-06-8	Anthracene-d10	41.285		25-130		103	SPK: -40
1718-52-1	Pyrene-d10	41.159		15-130		103	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.248		20-130		103	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	285013	7.628				
1146-65-2	Naphthalene-d8	1149105	10.41				
15067-26-2	Acenaphthene-d10	703782	14.275				
1517-22-2	Phenanthrene-d10	1413457	17.028				
1719-03-5	Chrysene-d12	1259448	21.263				
1520-96-3	Perylene-d12	1449289	24.169				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

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:	E1G86	SDG No.:	BN062224
Lab Sample ID:	P2961-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032163.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161647

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5	10	ug/L
110-86-1	Pyridine	0.85	U	0.85	10	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	0.89	U	0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.72	U	0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.97	U	0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5	ug/L

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:	E1G86	SDG No.:	BN062224
Lab Sample ID:	P2961-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032163.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161647

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.9	U	1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.6	U	1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.8	U	1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.86	U	0.86	5	10	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.7	U	1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	0.97	U	0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	2	U	2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.6	U	0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.7	U	1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.7	U	1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	2.7	U	2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.5	5	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5	10	ug/L
85-01-8	Phenanthrene	1.8	U	1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.5	5	ug/L
120-12-7	Anthracene	1.7	U	1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.75	U	0.75	2.5	5	ug/L
86-74-8	Carbazole	2	U	2	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

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:	E1G86	SDG No.:	BN062224
Lab Sample ID:	P2961-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032163.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161647

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.51		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	2.404	*	20-120		6	SPK: -40
4165-62-2	Phenol-d5	8.274		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.258		25-120		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.607		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	19.33		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	33.57		20-125		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.992		20-130		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.152		20-120		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.442		1-146		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.616		25-130		94	SPK: -40
93951-97-4	Acenaphthylene-d8	35.097		10-130		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.452		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	36.582		25-125		91	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:	E1G86	SDG No.:	BN062224
Lab Sample ID:	P2961-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032163.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161647

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	39.959		10-130		100	SPK: -40
1719-06-8	Anthracene-d10	41.924		25-130		105	SPK: -40
1718-52-1	Pyrene-d10	42.024		15-130		105	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.085		20-130		108	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	317956	7.628				
1146-65-2	Naphthalene-d8	1308112	10.41				
15067-26-2	Acenaphthene-d10	830699	14.275				
1517-22-2	Phenanthrene-d10	1626467	17.028				
1719-03-5	Chrysene-d12	1373727	21.263				
1520-96-3	Perylene-d12	1537656	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

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:	E1G87	SDG No.:	BN062224
Lab Sample ID:	P2961-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032164.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161647

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5	10	ug/L
110-86-1	Pyridine	0.85	U	0.85	10	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	0.89	U	0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.72	U	0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.97	U	0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5	ug/L

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:	E1G87	SDG No.:	BN062224
Lab Sample ID:	P2961-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032164.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161647

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.9	U	1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.6	U	1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.8	U	1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.86	U	0.86	5	10	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.7	U	1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	0.97	U	0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	2	U	2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.6	U	0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.7	U	1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.7	U	1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	2.7	U	2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.5	5	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5	10	ug/L
85-01-8	Phenanthrene	1.8	U	1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.5	5	ug/L
120-12-7	Anthracene	1.7	U	1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.75	U	0.75	2.5	5	ug/L
86-74-8	Carbazole	2	U	2	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

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:	E1G87	SDG No.:	BN062224
Lab Sample ID:	P2961-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032164.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161647

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.18		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	4.818	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	8.219		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.461		25-120		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.855		20-130		82	SPK: -40
190780-66-6	4-Methylphenol-d8	20.61		25-125		52	SPK: -40
4165-60-0	Nitrobenzene-d5	38.752		20-125		97	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.963		20-130		102	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.787		20-120		89	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.917		1-146		72	SPK: -40
85448-30-2	Dimethylphthalate-d6	40.272		25-130		101	SPK: -40
93951-97-4	Acenaphthylene-d8	37.567		10-130		94	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.337		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	38.893		25-125		97	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:	E1G87	SDG No.:	BN062224
Lab Sample ID:	P2961-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032164.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161647

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	43.682		10-130		109	SPK: -40
1719-06-8	Anthracene-d10	41.708		25-130		104	SPK: -40
1718-52-1	Pyrene-d10	40.262		15-130		101	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.868		20-130		102	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	374972	7.628				
1146-65-2	Naphthalene-d8	1636121	10.41				
15067-26-2	Acenaphthene-d10	1124352	14.275				
1517-22-2	Phenanthrene-d10	2368755	17.028				
1719-03-5	Chrysene-d12	2234119	21.269				
1520-96-3	Perylene-d12	2421508	24.18				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

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:	E1G88	SDG No.:	BN062224
Lab Sample ID:	P2961-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032165.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161647

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5	10	ug/L
110-86-1	Pyridine	0.85	U	0.85	10	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	0.89	U	0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.72	U	0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.97	U	0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5	ug/L

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:	E1G88	SDG No.:	BN062224
Lab Sample ID:	P2961-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032165.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161647

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.9	U	1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.6	U	1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.8	U	1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.86	U	0.86	5	10	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.7	U	1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	0.97	U	0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	2	U	2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.6	U	0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.7	U	1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.7	U	1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	2.7	U	2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.5	5	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5	10	ug/L
85-01-8	Phenanthrene	1.8	U	1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.5	5	ug/L
120-12-7	Anthracene	1.7	U	1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.75	U	0.75	2.5	5	ug/L
86-74-8	Carbazole	2	U	2	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

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:	E1G88	SDG No.:	BN062224
Lab Sample ID:	P2961-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032165.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161647

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.904		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	6.127	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	7.677		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.649		25-120		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.405		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	17.31		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	33.653		20-125		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.906		20-130		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.785		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.532		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.96		25-130		87	SPK: -40
93951-97-4	Acenaphthylene-d8	33.883		10-130		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.476		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	35.691		25-125		89	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:	E1G88	SDG No.:	BN062224
Lab Sample ID:	P2961-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032165.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161647

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.024		10-130		93	SPK: -40
1719-06-8	Anthracene-d10	41.917		25-130		105	SPK: -40
1718-52-1	Pyrene-d10	39.584		15-130		99	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.241		20-130		103	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	274809	7.628				
1146-65-2	Naphthalene-d8	1072495	10.41				
15067-26-2	Acenaphthene-d10	663203	14.275				
1517-22-2	Phenanthrene-d10	1330426	17.022				
1719-03-5	Chrysene-d12	1280833	21.263				
1520-96-3	Perylene-d12	1445095	24.169				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	E08C0	SDG No.:	BN062224
Lab Sample ID:	P3017-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032166.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161647

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5	10	ug/L
110-86-1	Pyridine	0.85	U	0.85	10	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	0.89	U	0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.72	U	0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.97	U	0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	E08C0	SDG No.:	BN062224
Lab Sample ID:	P3017-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032166.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161647

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.9	U	1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.6	U	1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.8	U	1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.86	U	0.86	5	10	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.7	U	1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	0.97	U	0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	2	U	2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.6	U	0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.7	U	1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.7	U	1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	2.7	U	2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.5	5	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5	10	ug/L
85-01-8	Phenanthrene	1.8	U	1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.5	5	ug/L
120-12-7	Anthracene	1.7	U	1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.75	U	0.75	2.5	5	ug/L
86-74-8	Carbazole	2	U	2	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	E08C0	SDG No.:	BN062224
Lab Sample ID:	P3017-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032166.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161647

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.793		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	7.732	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	11.183		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.469		25-120		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.051		20-130		90	SPK: -40
190780-66-6	4-Methylphenol-d8	24.509		25-125		61	SPK: -40
4165-60-0	Nitrobenzene-d5	41.938		20-125		105	SPK: -40
93951-78-1	2-Nitrophenol-d4	43.384		20-130		108	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	39.101		20-120		98	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.431		1-146		81	SPK: -40
85448-30-2	Dimethylphthalate-d6	43.8		25-130		110	SPK: -40
93951-97-4	Acenaphthylene-d8	42.646		10-130		107	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.926		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	43.615		25-125		109	SPK: -40

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	E08C0	SDG No.:	BN062224
Lab Sample ID:	P3017-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032166.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161647

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	44.305		10-130		111	SPK: -40
1719-06-8	Anthracene-d10	47.269		25-130		118	SPK: -40
1718-52-1	Pyrene-d10	45.454		15-130		114	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	48.232		20-130		121	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	278248	7.628				
1146-65-2	Naphthalene-d8	1090756	10.41				
15067-26-2	Acenaphthene-d10	670655	14.275				
1517-22-2	Phenanthrene-d10	1348917	17.028				
1719-03-5	Chrysene-d12	1283879	21.263				
1520-96-3	Perylene-d12	1448191	24.168				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

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:	SLCS647	SDG No.:	BN062224
Lab Sample ID:	PB161647BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032167.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161647

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.9		0.31	0.5	2	ug/L
110-86-1	Pyridine	27		0.85	10	10	ug/L
100-52-7	Benzaldehyde	31		1.4	5	10	ug/L
108-95-2	Phenol	31		1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	30		1.5	5	10	ug/L
95-57-8	2-Chlorophenol	34		1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	31		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	28		1.4	5	10	ug/L
98-86-2	Acetophenone	32		2.1	5	10	ug/L
106-44-5	4-Methylphenol	32		1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	29		1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	32		0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	30		1.3	2.5	5	ug/L
78-59-1	Isophorone	29		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	36		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	30		0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	30		1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	36		1.4	2.5	5	ug/L
91-20-3	Naphthalene	33		1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	29		1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	35		1.1	2.5	5	ug/L
105-60-2	Caprolactam	33		1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	34		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	34		0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	34		1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	24		1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	34		1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	35		1.7	2.5	5	ug/L

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:	SLCS647	SDG No.:	BN062224
Lab Sample ID:	PB161647BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032167.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161647

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34		1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	34		1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	32		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	34		1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	37		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	34		1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	36		0.86	5	10	ug/L
83-32-9	Acenaphthene	34		1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	41		1.9	5	10	ug/L
100-02-7	4-Nitrophenol	35		1.5	5	10	ug/L
132-64-9	Dibenzofuran	34		1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	36		0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	34		1.5	2.5	5	ug/L
86-73-7	Fluorene	34		2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	34		1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	40		0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	41		1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	36		1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	36		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	37		2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	37		1.9	2.5	5	ug/L
1912-24-9	Atrazine	17		1.2	5	10	ug/L
87-86-5	Pentachlorophenol	32		1.7	5	10	ug/L
85-01-8	Phenanthrene	35		1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	36		1.3	2.5	5	ug/L
120-12-7	Anthracene	34		1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	35		0.75	2.5	5	ug/L
86-74-8	Carbazole	38		2	5	10	ug/L
84-74-2	Di-n-butylphthalate	36		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	37		1.7	5	5	ug/L

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:	SLCS647	SDG No.:	BN062224
Lab Sample ID:	PB161647BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032167.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161647

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	38		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	36		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	36		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	34		1.5	2.5	5	ug/L
218-01-9	Chrysene	35		1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	34		1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	41		1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	37		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	36		2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	33		2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	34		1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	33		2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	33		1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	34		1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.67		15-120		83	SPK: -8
7291-22-7	Pyridine-d5	26.341		20-120		66	SPK: -40
4165-62-2	Phenol-d5	30.603		10-130		77	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.456		25-120		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.792		20-130		84	SPK: -40
190780-66-6	4-Methylphenol-d8	31.676		25-125		79	SPK: -40
4165-60-0	Nitrobenzene-d5	33.757		20-125		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.645		20-130		92	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.265		20-120		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.239		1-146		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.305		25-130		86	SPK: -40
93951-97-4	Acenaphthylene-d8	34.224		10-130		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.03		10-150		85	SPK: -40
81103-79-9	Fluorene-d10	34.361		25-125		86	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:	SLCS647	SDG No.:	BN062224
Lab Sample ID:	PB161647BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032167.D	1	6/21/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161647

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	41.297		10-130		103	SPK: -40
1719-06-8	Anthracene-d10	34.913		25-130		87	SPK: -40
1718-52-1	Pyrene-d10	37.871		15-130		95	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.99		20-130		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	296539	7.628				
1146-65-2	Naphthalene-d8	1292491	10.41				
15067-26-2	Acenaphthene-d10	854776	14.275				
1517-22-2	Phenanthrene-d10	1766221	17.027				
1719-03-5	Chrysene-d12	1504491	21.262				
1520-96-3	Perylene-d12	1460602	24.168				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

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:	SBLK556	SDG No.:	BN062224
Lab Sample ID:	PB161556BL	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
BN032169.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	6.6	67	ug/Kg
100-52-7	Benzaldehyde	48	U	48	82.5	330	ug/Kg
110-86-1	Pyridine	12	U	12	170	330	ug/Kg
108-95-2	Phenol	45	U	45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	22	U	22	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)	29	U	29	82.5	330	ug/Kg
98-86-2	Acetophenone	59	U	59	82.5	330	ug/Kg
106-44-5	4-Methylphenol	41	U	41	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	37	U	37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	16	U	16	42.5	170	ug/Kg
98-95-3	Nitrobenzene	27	U	27	42.5	170	ug/Kg
78-59-1	Isophorone	36	U	36	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	30	U	30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	8.5	U	8.5	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	31	U	31	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	34	U	34	42.5	170	ug/Kg
91-20-3	Naphthalene	33	U	33	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	26	U	26	42.5	170	ug/Kg
105-60-2	Caprolactam	40	U	40	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	36	U	36	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	19	U	19	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	19	U	19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	42.5	170	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:	SBLK556	SDG No.:	BN062224
Lab Sample ID:	PB161556BL	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
BN032169.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	46	U	46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	46	U	46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	14	U	14	82.5	330	ug/Kg
83-32-9	Acenaphthene	50	U	50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	32	U	32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	11	U	11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	40	U	40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	13	U	13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	41	U	41	42.5	170	ug/Kg
86-73-7	Fluorene	58	U	58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	48	U	48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	16	U	16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	39	U	39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	99	U	99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.5	170	ug/Kg
1912-24-9	Atrazine	11	U	11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	38	U	38	82.5	330	ug/Kg
85-01-8	Phenanthrene	53	U	53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	36	U	36	42.5	170	ug/Kg
120-12-7	Anthracene	47	U	47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	5.6	U	5.6	42.5	170	ug/Kg
86-74-8	Carbazole	61	U	61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	57	U	57	42.5	170	ug/Kg
206-44-0	Fluoranthene	45	U	45	82.5	170	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:	SBLK556	SDG No.:	BN062224
Lab Sample ID:	PB161556BL	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
BN032169.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	46	U	46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	43	U	43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	46	U	46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43	U	43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	U	52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.208		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	24.63		20-120		62	SPK: -40
4165-62-2	Phenol-d5	26.197		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.691		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.34		15-120		76	SPK: -40
190780-66-6	4-Methylphenol-d8	27.45		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	29.675		10-135		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.581		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.826		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.694		1-145		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.756		10-145		79	SPK: -40
93951-97-4	Acenaphthylene-d8	29.754		15-120		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.013		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	30.477		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:	SBLK556	SDG No.:	BN062224
Lab Sample ID:	PB161556BL	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
BN032169.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.156		10-130		73	SPK: -40
1719-06-8	Anthracene-d10	31.803		10-150		80	SPK: -40
1718-52-1	Pyrene-d10	32.041		10-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.748		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	294737	7.628				
1146-65-2	Naphthalene-d8	1296218	10.41				
15067-26-2	Acenaphthene-d10	877629	14.275				
1517-22-2	Phenanthrene-d10	1842963	17.028				
1719-03-5	Chrysene-d12	1647451	21.263				
1520-96-3	Perylene-d12	1639070	24.169				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AA7	SDG No.:	BN062224
Lab Sample ID:	P2899-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032170.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.7	78	ug/Kg
100-52-7	Benzaldehyde	56	U	56	96.7	390	ug/Kg
110-86-1	Pyridine	14	U	14	190	390	ug/Kg
108-95-2	Phenol	53	U	53	96.7	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	96.7	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	49.8	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	96.7	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	96.7	390	ug/Kg
98-86-2	Acetophenone	69	U	69	96.7	390	ug/Kg
106-44-5	4-Methylphenol	48	U	48	96.7	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	49.8	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	49.8	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	49.8	200	ug/Kg
78-59-1	Isophorone	42	U	42	49.8	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	49.8	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	49.8	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	49.8	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	49.8	200	ug/Kg
91-20-3	Naphthalene	39	U	39	49.8	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	49.8	390	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	49.8	200	ug/Kg
105-60-2	Caprolactam	47	U	47	96.7	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	49.8	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	49.8	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.8	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	96.7	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	49.8	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	49.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AA7	SDG No.:	BN062224
Lab Sample ID:	P2899-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032170.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	49.8	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	49.8	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.8	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	49.8	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	49.8	200	ug/Kg
208-96-8	Acenaphthylene	54	U	54	49.8	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	96.7	390	ug/Kg
83-32-9	Acenaphthene	59	U	59	49.8	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	96.7	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	96.7	390	ug/Kg
132-64-9	Dibenzofuran	47	U	47	49.8	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	49.8	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	49.8	200	ug/Kg
86-73-7	Fluorene	68	U	68	49.8	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	49.8	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	96.7	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	96.7	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	49.8	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	49.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	49.8	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	49.8	200	ug/Kg
1912-24-9	Atrazine	13	U	13	96.7	390	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	96.7	390	ug/Kg
85-01-8	Phenanthrene	62	U	62	49.8	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	49.8	200	ug/Kg
120-12-7	Anthracene	55	U	55	49.8	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.6	U	6.6	49.8	200	ug/Kg
86-74-8	Carbazole	72	U	72	96.7	390	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	49.8	200	ug/Kg
206-44-0	Fluoranthene	53	U	53	96.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AA7	SDG No.:	BN062224
Lab Sample ID:	P2899-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032170.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	49.8	200	ug/Kg
85-68-7	Butylbenzylphthalate	50	U	50	49.8	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	96.7	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	49.8	200	ug/Kg
218-01-9	Chrysene	54	U	54	49.8	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	49.8	200	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	96.7	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	56	U	56	49.8	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	68	U	68	49.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	67	U	67	49.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	U	53	49.8	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	U	61	49.8	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	49.8	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61	U	61	49.8	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.808		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	0.974	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	16.492		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.688		10-150		39	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.044		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	16.017		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	18.964		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.721		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.345		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.562		1-145		4	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.601		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	20.027		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.052		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	20.067		20-140		50	SPK: -40

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AA7	SDG No.:	BN062224
Lab Sample ID:	P2899-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15
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
BN032170.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.423		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	21.261		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	21.296		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.473		10-140		36	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	372899	7.628				
1146-65-2	Naphthalene-d8	1553237	10.41				
15067-26-2	Acenaphthene-d10	938415	14.275				
1517-22-2	Phenanthrene-d10	1669633	17.027				
1719-03-5	Chrysene-d12	1208950	21.262				
1520-96-3	Perylene-d12	1395964	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	160	J			4.769	
007785-26-4	(1S)-2,6,6-Trimethylbicyclo[3.1.1]	110	J			6.31	
000103-82-2	Benzeneacetic acid	81	J			10.975	
000057-10-3	n-Hexadecanoic acid	200	J			17.927	
000596-84-9	1H-Naphtho[2,1-b]pyran, 3-ethenylid	180	J			18.545	
000057-11-4	Octadecanoic acid	220	J			19.215	
000511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	440	J			20.31	
116196-83-9	4,4-Bis(tetrahydrothiopyran)	280	J			20.351	
001740-19-8	Dehydroabietic acid	280	J			20.921	
077899-03-7	1-Heneicosyl formate	290	J			20.951	
	(DEL) Alkane: Cyclic22.033	320	J			22.033	
E966796	Total Alkanes	320				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AB3	SDG No.:	BN062224
Lab Sample ID:	P2899-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
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
BN032171.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.9	80	ug/Kg
100-52-7	Benzaldehyde	58	U	58	99.3	400	ug/Kg
110-86-1	Pyridine	14	U	14	200	400	ug/Kg
108-95-2	Phenol	54	U	54	99.3	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	99.3	400	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	51.1	200	ug/Kg
95-48-7	2-Methylphenol	47	U	47	99.3	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	99.3	400	ug/Kg
98-86-2	Acetophenone	71	U	71	99.3	400	ug/Kg
106-44-5	4-Methylphenol	49	U	49	99.3	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	51.1	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	51.1	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	51.1	200	ug/Kg
78-59-1	Isophorone	43	U	43	51.1	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	51.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	51.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	51.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	51.1	200	ug/Kg
91-20-3	Naphthalene	40	U	40	51.1	200	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	51.1	400	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	51.1	200	ug/Kg
105-60-2	Caprolactam	48	U	48	99.3	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	51.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	51.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	99.3	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	51.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	59	51.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AB3	SDG No.:	BN062224
Lab Sample ID:	P2899-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
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
BN032171.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	51.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	51.1	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	51.1	200	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	51.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	51.1	200	ug/Kg
208-96-8	Acenaphthylene	55	U	55	51.1	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	99.3	400	ug/Kg
83-32-9	Acenaphthene	60	U	60	51.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	99.3	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	99.3	400	ug/Kg
132-64-9	Dibenzofuran	48	U	48	51.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	51.1	200	ug/Kg
84-66-2	Diethylphthalate	49	U	49	51.1	200	ug/Kg
86-73-7	Fluorene	70	U	70	51.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	51.1	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	99.3	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	99.3	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	51.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	51.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	51.1	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51.1	200	ug/Kg
1912-24-9	Atrazine	13	U	13	99.3	400	ug/Kg
87-86-5	Pentachlorophenol	46	U	46	99.3	400	ug/Kg
85-01-8	Phenanthrene	64	U	64	51.1	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	51.1	200	ug/Kg
120-12-7	Anthracene	57	U	57	51.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.7	U	6.7	51.1	200	ug/Kg
86-74-8	Carbazole	73	U	73	99.3	400	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	51.1	200	ug/Kg
206-44-0	Fluoranthene	54	U	54	99.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AB3	SDG No.:	BN062224
Lab Sample ID:	P2899-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
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
BN032171.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	51.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	51.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	99.3	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51.1	200	ug/Kg
218-01-9	Chrysene	55	U	55	51.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	51.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	99.3	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	58	U	58	51.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	70	U	70	51.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	69	U	69	51.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54	U	54	51.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63	U	63	51.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55	U	55	51.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	63	U	63	51.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.009		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	10.169		20-120		25	SPK: -40
4165-62-2	Phenol-d5	18.891		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.372		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.724		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	17.642		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	22.645		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.315		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.697		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.417		1-145		11	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.163		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	24.549		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.521		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	24.385		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AB3	SDG No.:	BN062224
Lab Sample ID:	P2899-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
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
BN032171.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.501		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	26.143		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	26.139		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.933		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	314473	7.628				
1146-65-2	Naphthalene-d8	1256714	10.41				
15067-26-2	Acenaphthene-d10	737336	14.275				
1517-22-2	Phenanthrene-d10	1359196	17.028				
1719-03-5	Chrysene-d12	1162395	21.263				
1520-96-3	Perylene-d12	1281076	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
001119-40-0	Pentanedioic acid, dimethyl ester	87	J			9.357	
016661-00-0	3-Isopropyl-6,8a-dimethyl-1,2,4,5,	320	J			13.045	
030021-74-0	.gamma.-Muurolene	150	J			13.269	
079562-96-2	(1R,4aR,8aR)-2,5,5,8a-Tetramethyl-	220	J			13.445	
000475-20-7	Longifolene	2600	J			13.534	
003856-25-5	Copaene	240	J			13.581	
000470-40-6	cis-Thujopsene	550	J			13.787	
000079-92-5	Camphene	280	J			14.086	
013744-15-5	1H-Cyclopenta[1,3]cyclopropa[1,2]b	190	J			14.116	
729602-94-2	(1R,4R,5S)-1,8-Dimethyl-4-(prop-1-	390	J			14.163	
	unknown-01	160	J			14.728	
001461-03-6	1H-Benzocycloheptene, 2,4a,5,6,7,8	150	J			14.757	
006892-80-4	1H-Benzocyclohepten-7-ol, 2,3,4,4a	100	J			15.51	
000077-53-2	Cedrol	730	J			15.557	
029804-22-6	Disparlure	91	J			17.245	
010030-73-6	(E)-Hexadec-9-enoic acid	120	J			17.869	
000057-10-3	n-Hexadecanoic acid	680	J			17.927	

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AB3	SDG No.:	BN062224
Lab Sample ID:	P2899-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032171.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
019407-28-4	Phenanthrene, 1,2,3,4,4a,9,10,10a-	130	J			18.892	
000112-80-1	Oleic Acid	140	J			19.098	
020016-73-3	m-Camphorene	170	J			19.122	
000057-11-4	Octadecanoic acid	170	J			19.216	
000552-02-3	1H-Cycloprop[e]azulen-4-ol, decahy	1100	J			20.016	
000511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	620	J			20.133	
	unknown-02	3000	J			20.31	
116196-83-9	4,4-Bis(tetrahydrothiopyran)	640	J			20.351	
077899-03-7	1-Heneicosyl formate	430	J			20.951	
006755-93-7	2(1H)-Phenanthrenone, 3,4,4a,9,10,	92	J			21.457	
	unknown-03	440	J			21.998	
	(DEL) Alkane: Cyclic22.021	900	J			22.021	
	(DEL) Alkane: Straight-Chain23.333	260	J			23.333	
	(DEL) Alkane: Cyclic23.404	400	J			23.404	
	(DEL) Alkane: Straight-Chain25.168	680	J			25.168	
	(DEL) Alkane: Cyclic25.298	290	J			25.298	
007390-81-0	Oxirane, hexadecyl-	180	J			27.062	
000083-47-6	.gamma.-Sitosterol	1100	J			28.862	
E966796	Total Alkanes	2500				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AB2	SDG No.:	BN062224
Lab Sample ID:	P2899-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032172.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.5	76	ug/Kg
100-52-7	Benzaldehyde	61	J	55	94.3	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	87	J	51	94.3	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	94.3	380	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	48.6	190	ug/Kg
95-48-7	2-Methylphenol	45	U	45	94.3	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	94.3	380	ug/Kg
98-86-2	Acetophenone	430		67	94.3	380	ug/Kg
106-44-5	4-Methylphenol	47	U	47	94.3	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	42	U	42	48.6	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	48.6	190	ug/Kg
98-95-3	Nitrobenzene	31	U	31	48.6	190	ug/Kg
78-59-1	Isophorone	41	U	41	48.6	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	48.6	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.7	U	9.7	48.6	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	35	U	35	48.6	190	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	48.6	190	ug/Kg
91-20-3	Naphthalene	38	U	38	48.6	190	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	48.6	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	48.6	190	ug/Kg
105-60-2	Caprolactam	46	U	46	94.3	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	48.6	190	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	48.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48.6	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	94.3	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	48.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	56	48.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AB2	SDG No.:	BN062224
Lab Sample ID:	P2899-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032172.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	53	U	53	48.6	190	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	48.6	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.6	190	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	48.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	48.6	190	ug/Kg
208-96-8	Acenaphthylene	130	J	53	48.6	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	94.3	380	ug/Kg
83-32-9	Acenaphthene	57	U	57	48.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	94.3	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	94.3	380	ug/Kg
132-64-9	Dibenzofuran	46	U	46	48.6	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	48.6	190	ug/Kg
84-66-2	Diethylphthalate	47	U	47	48.6	190	ug/Kg
86-73-7	Fluorene	66	U	66	48.6	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	48.6	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	94.3	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	94.3	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	48.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	48.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	48.6	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.6	190	ug/Kg
1912-24-9	Atrazine	13	U	13	94.3	380	ug/Kg
87-86-5	Pentachlorophenol	43	U	43	94.3	380	ug/Kg
85-01-8	Phenanthrene	120	J	61	48.6	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	48.6	190	ug/Kg
120-12-7	Anthracene	86	J	54	48.6	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.4	U	6.4	48.6	190	ug/Kg
86-74-8	Carbazole	70	U	70	94.3	380	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	48.6	190	ug/Kg
206-44-0	Fluoranthene	160	J	51	94.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AB2	SDG No.:	BN062224
Lab Sample ID:	P2899-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032172.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	200		53	48.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	120	J	49	48.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	94.3	380	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	45	48.6	190	ug/Kg
218-01-9	Chrysene	140	J	53	48.6	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	J	49	48.6	190	ug/Kg
117-84-0	Di-n-octyl phthalate	49	U	49	94.3	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	J	55	48.6	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	66	U	66	48.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	94	J	65	48.6	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	92	J	51	48.6	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	59	U	59	48.6	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53	U	53	48.6	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	59	U	59	48.6	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.517		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	2.286	*	20-120		6	SPK: -40
4165-62-2	Phenol-d5	21.022		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.647		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.453		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	15.326		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	25.422		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.958		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.116		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.028		1-145		8	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.011		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	25.205		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.353		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	25.246		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AB2	SDG No.:	BN062224
Lab Sample ID:	P2899-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032172.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.563		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	26.297		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	23.43		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.486		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	329196	7.628				
1146-65-2	Naphthalene-d8	1313345	10.41				
15067-26-2	Acenaphthene-d10	789898	14.275				
1517-22-2	Phenanthrene-d10	1546155	17.028				
1719-03-5	Chrysene-d12	1338573	21.263				
1520-96-3	Perylene-d12	1566355	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	160	J			3.669	
	unknown-02	190	J			4.769	
007785-26-4	(1S)-2,6,6-Trimethylbicyclo[3.1.1]	190	J			6.316	
000065-85-0	Benzoic acid	120	J			9.699	
	unknown-03	88	J			10.957	
000057-10-3	n-Hexadecanoic acid	430	J			17.928	
000610-48-0	Anthracene, 1-methyl-	77	J			18.092	
000120-46-7	Dibenzoylmethane	230	J			18.986	
000057-11-4	Octadecanoic acid	170	J			19.216	
000666-84-2	((1R,4aR,4bR,10aR)-7-Isopropyl-1,4	330	J			20.822	
	(DEL) Alkane: Cyclic20.951	330	J			20.951	
	(DEL) Alkane: Straight-Chain21.998	83	J			21.998	
000661-19-8	Behenic alcohol	380	J			22.027	
	(DEL) Alkane: Straight-Chain25.174	620	J			25.174	
E966796	Total Alkanes	1000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AA4	SDG No.:	BN062224
Lab Sample ID:	P2899-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	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
BN032173.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7	71	ug/Kg
100-52-7	Benzaldehyde	51	U	51	87.5	350	ug/Kg
110-86-1	Pyridine	13	U	13	170	350	ug/Kg
108-95-2	Phenol	48	U	48	87.5	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	87.5	350	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	45.1	180	ug/Kg
95-48-7	2-Methylphenol	41	U	41	87.5	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	87.5	350	ug/Kg
98-86-2	Acetophenone	63	U	63	87.5	350	ug/Kg
106-44-5	4-Methylphenol	43	U	43	87.5	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	39	U	39	45.1	180	ug/Kg
67-72-1	Hexachloroethane	17	U	17	45.1	180	ug/Kg
98-95-3	Nitrobenzene	29	U	29	45.1	180	ug/Kg
78-59-1	Isophorone	38	U	38	45.1	180	ug/Kg
88-75-5	2-Nitrophenol	32	U	32	45.1	180	ug/Kg
105-67-9	2,4-Dimethylphenol	9	U	9	45.1	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	33	U	33	45.1	180	ug/Kg
120-83-2	2,4-Dichlorophenol	36	U	36	45.1	180	ug/Kg
91-20-3	Naphthalene	35	U	35	45.1	180	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	45.1	350	ug/Kg
87-68-3	Hexachlorobutadiene	28	U	28	45.1	180	ug/Kg
105-60-2	Caprolactam	42	U	42	87.5	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	38	U	38	45.1	180	ug/Kg
90-12-0	1-Methylnaphthalene	20	U	20	45.1	180	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	45.1	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	20	U	20	87.5	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	45.1	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	45.1	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AA4	SDG No.:	BN062224
Lab Sample ID:	P2899-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	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
BN032173.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	49	U	49	45.1	180	ug/Kg
91-58-7	2-Chloronaphthalene	47	U	47	45.1	180	ug/Kg
88-74-4	2-Nitroaniline	23	U	23	45.1	180	ug/Kg
131-11-3	Dimethylphthalate	40	U	40	45.1	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	28	U	28	45.1	180	ug/Kg
208-96-8	Acenaphthylene	49	U	49	45.1	180	ug/Kg
99-09-2	3-Nitroaniline	15	U	15	87.5	350	ug/Kg
83-32-9	Acenaphthene	53	U	53	45.1	180	ug/Kg
51-28-5	2,4-Dinitrophenol	34	U	34	87.5	350	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	87.5	350	ug/Kg
132-64-9	Dibenzofuran	42	U	42	45.1	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	14	U	14	45.1	180	ug/Kg
84-66-2	Diethylphthalate	43	U	43	45.1	180	ug/Kg
86-73-7	Fluorene	61	U	61	45.1	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51	U	51	45.1	180	ug/Kg
100-01-6	4-Nitroaniline	17	U	17	87.5	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	41	U	41	87.5	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	48	U	48	45.1	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	48	U	48	45.1	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	45.1	180	ug/Kg
118-74-1	Hexachlorobenzene	53	U	53	45.1	180	ug/Kg
1912-24-9	Atrazine	12	U	12	87.5	350	ug/Kg
87-86-5	Pentachlorophenol	40	U	40	87.5	350	ug/Kg
85-01-8	Phenanthrene	56	U	56	45.1	180	ug/Kg
608-93-5	Pentachlorobenzene	38	U	38	45.1	180	ug/Kg
120-12-7	Anthracene	50	U	50	45.1	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	5.9	U	5.9	45.1	180	ug/Kg
86-74-8	Carbazole	65	U	65	87.5	350	ug/Kg
84-74-2	Di-n-butylphthalate	60	U	60	45.1	180	ug/Kg
206-44-0	Fluoranthene	48	U	48	87.5	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AA4	SDG No.:	BN062224
Lab Sample ID:	P2899-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	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
BN032173.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	45.1	180	ug/Kg
85-68-7	Butylbenzylphthalate	46	U	46	45.1	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	87.5	350	ug/Kg
56-55-3	Benzo(a)anthracene	41	U	41	45.1	180	ug/Kg
218-01-9	Chrysene	49	U	49	45.1	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	78	J	46	45.1	180	ug/Kg
117-84-0	Di-n-octyl phthalate	46	U	46	87.5	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	51	U	51	45.1	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	61	U	61	45.1	180	ug/Kg
50-32-8	Benzo(a)pyrene	60	U	60	45.1	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48	U	48	45.1	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55	U	55	45.1	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	49	U	49	45.1	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55	U	55	45.1	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.145		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	0.456	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	19.233		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.786		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.328		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	19.066		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	23.498		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.841		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.025		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.223		1-145		3	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.12		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	23.183		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.751		10-150		39	SPK: -40
81103-79-9	Fluorene-d10	22.181		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AA4	SDG No.:	BN062224
Lab Sample ID:	P2899-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	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
BN032173.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.914		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	23.84		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	21.589		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.22		10-140		38	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	366747	7.634				
1146-65-2	Naphthalene-d8	1439444	10.41				
15067-26-2	Acenaphthene-d10	794473	14.275				
1517-22-2	Phenanthrene-d10	1366226	17.027				
1719-03-5	Chrysene-d12	1092196	21.262				
1520-96-3	Perylene-d12	1292449	24.18				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	180	J			4.769	
000103-82-2	Benzeneacetic acid	180	J			10.981	
000098-54-4	Phenol, p-tert-butyl-	170	J			11.763	
000057-10-3	n-Hexadecanoic acid	520	J			17.933	
000544-71-8	(9E,11E)-Octadecadienoic acid	180	J			19.074	
000057-11-4	Octadecanoic acid	240	J			19.221	
074779-65-0	1,3-Heptadiene, 2,3-dimethyl-	160	J			19.339	
000511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	290	J			20.31	
	(DEL) Alkane: Cyclic20.951	600	J			20.951	
000638-66-4	Octadecanal	230	J			21.674	
	(DEL) Alkane: Straight-Chain22.033	3100	J			22.033	
057402-36-5	Docosanal	1100	J			22.939	
	(DEL) Alkane: Straight-Chain23.339	1500	J			23.339	
007390-81-0	Oxirane, hexadecyl-	1700	J			24.65	
014811-95-1	1,19-Eicosadiene	2100	J			27.08	
041755-58-2	Triacetyl acetate	1000	J			28.033	
000083-47-6	,gamma.-Sitosterol	1400	J			28.886	

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AA4	SDG No.:	BN062224
Lab Sample ID:	P2899-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	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
BN032173.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
E966796	Total Alkanes	5200				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AA8	SDG No.:	BN062224
Lab Sample ID:	P2899-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	1.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032174.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	6.7	68	ug/Kg
100-52-7	Benzaldehyde	49	U	49	83.8	340	ug/Kg
110-86-1	Pyridine	12	U	12	170	340	ug/Kg
108-95-2	Phenol	46	U	46	83.8	340	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	83.8	340	ug/Kg
95-57-8	2-Chlorophenol	22	U	22	43.1	170	ug/Kg
95-48-7	2-Methylphenol	40	U	40	83.8	340	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	29	U	29	83.8	340	ug/Kg
98-86-2	Acetophenone	60	U	60	83.8	340	ug/Kg
106-44-5	4-Methylphenol	42	U	42	83.8	340	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	38	U	38	43.1	170	ug/Kg
67-72-1	Hexachloroethane	16	U	16	43.1	170	ug/Kg
98-95-3	Nitrobenzene	27	U	27	43.1	170	ug/Kg
78-59-1	Isophorone	37	U	37	43.1	170	ug/Kg
88-75-5	2-Nitrophenol	30	U	30	43.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	8.6	U	8.6	43.1	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	31	U	31	43.1	170	ug/Kg
120-83-2	2,4-Dichlorophenol	35	U	35	43.1	170	ug/Kg
91-20-3	Naphthalene	34	U	34	43.1	170	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	43.1	340	ug/Kg
87-68-3	Hexachlorobutadiene	26	U	26	43.1	170	ug/Kg
105-60-2	Caprolactam	41	U	41	83.8	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	37	U	37	43.1	170	ug/Kg
90-12-0	1-Methylnaphthalene	19	U	19	43.1	170	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	43.1	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	19	U	19	83.8	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	43.1	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	43.1	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AA8	SDG No.:	BN062224
Lab Sample ID:	P2899-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	1.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032174.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	47	U	47	43.1	170	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	43.1	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	43.1	170	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	43.1	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	43.1	170	ug/Kg
208-96-8	Acenaphthylene	47	U	47	43.1	170	ug/Kg
99-09-2	3-Nitroaniline	14	U	14	83.8	340	ug/Kg
83-32-9	Acenaphthene	51	U	51	43.1	170	ug/Kg
51-28-5	2,4-Dinitrophenol	32	U	32	83.8	340	ug/Kg
100-02-7	4-Nitrophenol	11	U	11	83.8	340	ug/Kg
132-64-9	Dibenzofuran	41	U	41	43.1	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	13	U	13	43.1	170	ug/Kg
84-66-2	Diethylphthalate	42	U	42	43.1	170	ug/Kg
86-73-7	Fluorene	59	U	59	43.1	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	49	U	49	43.1	170	ug/Kg
100-01-6	4-Nitroaniline	16	U	16	83.8	340	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	40	U	40	83.8	340	ug/Kg
86-30-6	N-Nitrosodiphenylamine	46	U	46	43.1	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	46	U	46	43.1	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	43.1	170	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	43.1	170	ug/Kg
1912-24-9	Atrazine	11	U	11	83.8	340	ug/Kg
87-86-5	Pentachlorophenol	39	U	39	83.8	340	ug/Kg
85-01-8	Phenanthrene	54	U	54	43.1	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	43.1	170	ug/Kg
120-12-7	Anthracene	48	U	48	43.1	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	5.7	U	5.7	43.1	170	ug/Kg
86-74-8	Carbazole	62	U	62	83.8	340	ug/Kg
84-74-2	Di-n-butylphthalate	58	U	58	43.1	170	ug/Kg
206-44-0	Fluoranthene	46	U	46	83.8	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AA8	SDG No.:	BN062224
Lab Sample ID:	P2899-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	1.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032174.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	47	U	47	43.1	170	ug/Kg
85-68-7	Butylbenzylphthalate	44	U	44	43.1	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	83.8	340	ug/Kg
56-55-3	Benzo(a)anthracene	40	U	40	43.1	170	ug/Kg
218-01-9	Chrysene	47	U	47	43.1	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	43.1	170	ug/Kg
117-84-0	Di-n-octyl phthalate	44	U	44	83.8	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	U	49	43.1	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	59	U	59	43.1	170	ug/Kg
50-32-8	Benzo(a)pyrene	58	U	58	43.1	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	46	43.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53	U	53	43.1	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	47	U	47	43.1	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	53	U	53	43.1	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.951		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	1.786	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	17.711		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.771		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.528		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	18.861		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	29.226		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.485		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.215		10-140		41	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.363		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.284		10-145		71	SPK: -40
93951-97-4	Acenaphthylene-d8	28.413		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	1.693	*	10-150		4	SPK: -40
81103-79-9	Fluorene-d10	26.826		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AA8	SDG No.:	BN062224
Lab Sample ID:	P2899-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	1.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032174.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.963		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	29.095		10-150		73	SPK: -40
1718-52-1	Pyrene-d10	30.383		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.035		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	356312	7.634				
1146-65-2	Naphthalene-d8	1407948	10.41				
15067-26-2	Acenaphthene-d10	778740	14.275				
1517-22-2	Phenanthrene-d10	1364588	17.028				
1719-03-5	Chrysene-d12	1016070	21.268				
1520-96-3	Perylene-d12	1264778	24.192				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	82	J			17.927	
E966796	Total Alkanes	47	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AA6	SDG No.:	BN062224
Lab Sample ID:	P2899-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032175.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.7	78	ug/Kg
100-52-7	Benzaldehyde	56	U	56	96.5	390	ug/Kg
110-86-1	Pyridine	14	U	14	190	390	ug/Kg
108-95-2	Phenol	53	U	53	96.5	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	96.5	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	49.7	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	96.5	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	96.5	390	ug/Kg
98-86-2	Acetophenone	69	U	69	96.5	390	ug/Kg
106-44-5	4-Methylphenol	48	U	48	96.5	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	49.7	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	49.7	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	49.7	200	ug/Kg
78-59-1	Isophorone	42	U	42	49.7	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	49.7	200	ug/Kg
105-67-9	2,4-Dimethylphenol	9.9	U	9.9	49.7	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	49.7	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	49.7	200	ug/Kg
91-20-3	Naphthalene	39	U	39	49.7	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	49.7	390	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	49.7	200	ug/Kg
105-60-2	Caprolactam	47	U	47	96.5	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	49.7	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	49.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	96.5	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	49.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	49.7	200	ug/Kg



Client:				Date Collected:	6/11/2024 12:00:00 AM	
Project:				Date Received:	6/11/2024 12:00:00 AM	
Client Sample ID:	C0AA6			SDG No.:	BN062224	
Lab Sample ID:	P2899-04			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	14.8	
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032175.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	49.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	49.7	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.7	200	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	49.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	49.7	200	ug/Kg
208-96-8	Acenaphthylene	54	U	54	49.7	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	96.5	390	ug/Kg
83-32-9	Acenaphthene	58	U	58	49.7	200	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	96.5	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	96.5	390	ug/Kg
132-64-9	Dibenzofuran	47	U	47	49.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	49.7	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	49.7	200	ug/Kg
86-73-7	Fluorene	68	U	68	49.7	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	49.7	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	96.5	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	96.5	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	49.7	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	49.7	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	49.7	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.7	200	ug/Kg
1912-24-9	Atrazine	13	U	13	96.5	390	ug/Kg
87-86-5	Pentachlorophenol	44	U	44	96.5	390	ug/Kg
85-01-8	Phenanthrene	62	U	62	49.7	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	49.7	200	ug/Kg
120-12-7	Anthracene	55	U	55	49.7	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.6	U	6.6	49.7	200	ug/Kg
86-74-8	Carbazole	71	U	71	96.5	390	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	49.7	200	ug/Kg
206-44-0	Fluoranthene	53	U	53	96.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AA6	SDG No.:	BN062224
Lab Sample ID:	P2899-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032175.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	49.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	50	U	50	49.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	96.5	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	49.7	200	ug/Kg
218-01-9	Chrysene	54	U	54	49.7	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	49.7	200	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	96.5	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	56	U	56	49.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	68	U	68	49.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	67	U	67	49.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	U	53	49.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	U	61	49.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	49.7	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61	U	61	49.7	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.595		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	17.922		20-120		45	SPK: -40
4165-62-2	Phenol-d5	19.012		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.697		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.686		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	16.333		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	25.884		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.455		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.203		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.502		1-145		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.415		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	25.271		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.4		10-150		44	SPK: -40
81103-79-9	Fluorene-d10	23.904		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AA6	SDG No.:	BN062224
Lab Sample ID:	P2899-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032175.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.261		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	25.071		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	25.993		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.506		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	341337	7.634				
1146-65-2	Naphthalene-d8	1361320	10.41				
15067-26-2	Acenaphthene-d10	763195	14.281				
1517-22-2	Phenanthrene-d10	1358947	17.028				
1719-03-5	Chrysene-d12	1132529	21.263				
1520-96-3	Perylene-d12	1368221	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
016661-00-0	3-Isopropyl-6,8a-dimethyl-1,2,4,5,	150	J			13.045	
003650-28-0	1,4-Methano-1H-indene, octahydro-4	190	J			13.275	
1000156-81-6	Cycloisolongifolene, 9,10-dehydro-	160	J			13.41	
000475-20-7	Longifolene	1700	J			13.534	
050894-66-1	Di-epi-.alpha.-cedrene	470	J			13.581	
000470-40-6	cis-Thujopsene	120	J			13.787	
000138-86-3	Limonene	390	J			14.092	
729602-94-2	(1R,4R,5S)-1,8-Dimethyl-4-(prop-1-	640	J			14.163	
004630-07-3	Naphthalene, 1,2,3,5,6,7,8,8a-octa	180	J			14.339	
000473-14-3	Naphthalene, 2,3,4,4a,5,6-hexahydr	170	J			14.422	
123123-37-5	(2S,4aR,8aR)-4a,8-Dimethyl-2-(prop	100	J			14.639	
000077-53-2	Cedrol	990	J			15.563	
	unknown-01	89	J			15.769	
000057-10-3	n-Hexadecanoic acid	580	J			17.927	
019407-28-4	Phenanthrene, 1,2,3,4,4a,9,10,10a-	200	J			18.892	
002027-47-6	9-Octadecenoic acid	200	J			19.098	
000057-11-4	Octadecanoic acid	170	J			19.221	

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AA6	SDG No.:	BN062224
Lab Sample ID:	P2899-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032175.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-02	150	J			19.68	
	(DEL) Alkane: Straight-Chain19.951	78	J			19.951	
	unknown-03	180	J			20.08	
000511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	610	J			20.139	
	unknown-04	4100	J			20.316	
116196-83-9	4,4-Bis(tetrahydrothiopyran)	1100	J			20.351	
015594-90-8	1-Heneicosanol	350	J			20.945	
000511-05-7	9(1H)-Phenanthrenone, 2,3,4,4a,10,	200	J			21.933	
	unknown-05	1200	J			21.998	
000545-47-1	Lupeol	1900	J			30.768	
E966796	Total Alkanes	78				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AB7	SDG No.:	BN062224
Lab Sample ID:	P2899-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
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
BN032176.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.6	77	ug/Kg
100-52-7	Benzaldehyde	55	U	55	94.8	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	52	U	52	94.8	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	94.8	380	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	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)	33	U	33	94.8	380	ug/Kg
98-86-2	Acetophenone	190	J	68	94.8	380	ug/Kg
106-44-5	4-Methylphenol	47	U	47	94.8	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	48.9	200	ug/Kg
67-72-1	Hexachloroethane	18	U	18	48.9	200	ug/Kg
98-95-3	Nitrobenzene	31	U	31	48.9	200	ug/Kg
78-59-1	Isophorone	41	U	41	48.9	200	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	48.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	9.8	U	9.8	48.9	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	48.9	200	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	48.9	200	ug/Kg
91-20-3	Naphthalene	38	U	38	48.9	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	48.9	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	48.9	200	ug/Kg
105-60-2	Caprolactam	46	U	46	94.8	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	48.9	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	48.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	48.9	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	94.8	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	48.9	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	56	48.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AB7	SDG No.:	BN062224
Lab Sample ID:	P2899-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
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
BN032176.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	53	U	53	48.9	200	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	48.9	200	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.9	200	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	48.9	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	48.9	200	ug/Kg
208-96-8	Acenaphthylene	53	U	53	48.9	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	94.8	380	ug/Kg
83-32-9	Acenaphthene	57	U	57	48.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	94.8	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	94.8	380	ug/Kg
132-64-9	Dibenzofuran	46	U	46	48.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	48.9	200	ug/Kg
84-66-2	Diethylphthalate	47	U	47	48.9	200	ug/Kg
86-73-7	Fluorene	67	U	67	48.9	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	48.9	200	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	94.8	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	94.8	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	48.9	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	48.9	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	48.9	200	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.9	200	ug/Kg
1912-24-9	Atrazine	13	U	13	94.8	380	ug/Kg
87-86-5	Pentachlorophenol	110	J	44	94.8	380	ug/Kg
85-01-8	Phenanthrene	61	U	61	48.9	200	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	48.9	200	ug/Kg
120-12-7	Anthracene	54	U	54	48.9	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.4	U	6.4	48.9	200	ug/Kg
86-74-8	Carbazole	70	U	70	94.8	380	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	48.9	200	ug/Kg
206-44-0	Fluoranthene	52	U	52	94.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AB7	SDG No.:	BN062224
Lab Sample ID:	P2899-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
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
BN032176.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	48.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	49	U	49	48.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	94.8	380	ug/Kg
56-55-3	Benzo(a)anthracene	45	U	45	48.9	200	ug/Kg
218-01-9	Chrysene	53	U	53	48.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	49	U	49	48.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	49	U	49	94.8	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	55	U	55	48.9	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	67	U	67	48.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	66	U	66	48.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52	U	52	48.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	60	U	60	48.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53	U	53	48.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	48.9	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.726		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	3.121	*	20-120		8	SPK: -40
4165-62-2	Phenol-d5	21.137		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.842		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.197		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	18.984		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	26.457		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.299		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.239		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.021		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	26.179		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.972		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	26.4		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AB7	SDG No.:	BN062224
Lab Sample ID:	P2899-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
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
BN032176.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.94		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	27.898		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	23.613		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.144		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	311022	7.634				
1146-65-2	Naphthalene-d8	1239495	10.41				
15067-26-2	Acenaphthene-d10	746268	14.275				
1517-22-2	Phenanthrene-d10	1460220	17.028				
1719-03-5	Chrysene-d12	1330648	21.263				
1520-96-3	Perylene-d12	1623585	24.186				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	200	J			4.77	
000080-56-8	.alpha.-Pinene	180	J			6.317	
000103-82-2	Benzenecetic acid	530	J			10.999	
010030-73-6	(E)-Hexadec-9-enoic acid	87	J			17.81	
000373-49-9	Palmitoleic acid	82	J			17.875	
000057-10-3	n-Hexadecanoic acid	760	J			17.934	
	unknown-02	120	J			18.251	
000596-84-9	1H-Naphtho[2,1-b]pyran, 3-ethenyld	200	J			18.545	
001686-66-4	Phenanthrene, 7-ethenyl-1,2,3,4,4a	95	J			18.604	
000060-33-3	9,12-Octadecadienoic acid (Z,Z)-	130	J			19.075	
000112-80-1	Oleic Acid	150	J			19.098	
1000197-99-5	Decanoic acid, 10-(2-hexylcyclopro	200	J			19.122	
000057-11-4	Octadecanoic acid	530	J			19.222	
	unknown-03	95	J			19.516	
000629-93-6	Octadecane, 1-iodo-	120	J			19.975	
115946-69-5	Allyltrivinylsilane	150	J			20.275	
000511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	650	J			20.31	

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AB7	SDG No.:	BN062224
Lab Sample ID:	P2899-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
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
BN032176.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
116196-83-9	4,4-Bis(tetrahydrothiopyran)	300	J			20.351	
005835-26-7	Isopimaric acid	250	J			20.792	
001740-19-8	Dehydroabietic acid	2400	J			20.933	
	unknown-04	220	J			21.139	
000661-19-8	Behenic alcohol	1900	J			22.028	
000557-59-5	Tetracosanoic acid	450	J			22.451	
000638-66-4	Octadecanal	320	J			22.939	
	(DEL) Alkane: Straight-Chain23.339	1300	J			23.339	
	(DEL) Alkane: Cyclic23.404	540	J			23.404	
007390-81-0	Oxirane, hexadecyl-	760	J			24.645	
1000406-31-9	Docosane, 1-iodo-	880	J			25.174	
000557-61-9	Octacosanol	1400	J			25.304	
057866-08-7	Tetracosanal	950	J			27.08	
1000351-78-2	Heptacosyl acetate	1400	J			28.033	
000083-47-6	.gamma.-Sitosterol	2400	J			28.886	
E966796	Total Alkanes	1800				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AB9	SDG No.:	BN062224
Lab Sample ID:	P2899-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
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
BN032177.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8	81	ug/Kg
100-52-7	Benzaldehyde	58	U	58	99.9	400	ug/Kg
110-86-1	Pyridine	15	U	15	200	400	ug/Kg
108-95-2	Phenol	54	U	54	99.9	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	99.9	400	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	51.5	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	99.9	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	99.9	400	ug/Kg
98-86-2	Acetophenone	140	J	71	99.9	400	ug/Kg
106-44-5	4-Methylphenol	50	U	50	99.9	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	51.5	210	ug/Kg
67-72-1	Hexachloroethane	19	U	19	51.5	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	51.5	210	ug/Kg
78-59-1	Isophorone	44	U	44	51.5	210	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	51.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	51.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	51.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	51.5	210	ug/Kg
91-20-3	Naphthalene	40	U	40	51.5	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	51.5	400	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	51.5	210	ug/Kg
105-60-2	Caprolactam	48	U	48	99.9	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	51.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	51.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	99.9	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	51.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	59	51.5	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AB9	SDG No.:	BN062224
Lab Sample ID:	P2899-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
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
BN032177.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	51.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	51.5	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.5	210	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	51.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	51.5	210	ug/Kg
208-96-8	Acenaphthylene	56	U	56	51.5	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	99.9	400	ug/Kg
83-32-9	Acenaphthene	61	U	61	51.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	99.9	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	99.9	400	ug/Kg
132-64-9	Dibenzofuran	48	U	48	51.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	51.5	210	ug/Kg
84-66-2	Diethylphthalate	50	U	50	51.5	210	ug/Kg
86-73-7	Fluorene	70	U	70	51.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	51.5	210	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	99.9	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	99.9	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	51.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	51.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	51.5	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	51.5	210	ug/Kg
1912-24-9	Atrazine	13	U	13	99.9	400	ug/Kg
87-86-5	Pentachlorophenol	46	U	46	99.9	400	ug/Kg
85-01-8	Phenanthrene	64	U	64	51.5	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	51.5	210	ug/Kg
120-12-7	Anthracene	57	U	57	51.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.8	U	6.8	51.5	210	ug/Kg
86-74-8	Carbazole	74	U	74	99.9	400	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	51.5	210	ug/Kg
206-44-0	Fluoranthene	54	U	54	99.9	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AB9	SDG No.:	BN062224
Lab Sample ID:	P2899-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
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
BN032177.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	51.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	51.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	99.9	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51.5	210	ug/Kg
218-01-9	Chrysene	56	U	56	51.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	71	J	52	51.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	99.9	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	58	U	58	51.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	70	U	70	51.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	69	U	69	51.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54	U	54	51.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63	U	63	51.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56	U	56	51.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	63	U	63	51.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.357		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	2.566	*	20-120		6	SPK: -40
4165-62-2	Phenol-d5	23.789		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.578		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.28		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	20.485		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	30.843		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.848		10-120		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.656		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.842		1-145		12	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.671		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	30.305		15-120		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.475		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	29.969		20-140		75	SPK: -40

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AB9	SDG No.:	BN062224
Lab Sample ID:	P2899-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
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
BN032177.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.228		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	31.785		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	27.747		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.265		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	322482	7.634				
1146-65-2	Naphthalene-d8	1254534	10.416				
15067-26-2	Acenaphthene-d10	759397	14.28				
1517-22-2	Phenanthrene-d10	1459159	17.027				
1719-03-5	Chrysene-d12	1264643	21.268				
1520-96-3	Perylene-d12	1488257	24.186				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	210	J			4.769	
000103-82-2	Benzeneacetic acid	230	J			10.986	
000770-35-4	1-Phenoxypropan-2-ol	96	J			11.163	
000057-10-3	n-Hexadecanoic acid	460	J			17.933	
000596-84-9	1H-Naphtho[2,1-b]pyran, 3-ethenylid	200	J			18.545	
000057-11-4	Octadecanoic acid	350	J			19.221	
000511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	650	J			20.309	
116196-83-9	4,4-Bis(tetrahydrothiopyran)	410	J			20.357	
001740-19-8	Dehydroabietic acid	440	J			20.927	
000661-19-8	Behenic alcohol	480	J			22.027	
E966796	Total Alkanes	56	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AB1	SDG No.:	BN062224
Lab Sample ID:	P2899-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.3
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
BN032178.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.6	87	ug/Kg
100-52-7	Benzaldehyde	63	U	63	110	430	ug/Kg
110-86-1	Pyridine	16	U	16	220	430	ug/Kg
108-95-2	Phenol	59	U	59	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	110	430	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	55.4	220	ug/Kg
95-48-7	2-Methylphenol	51	U	51	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	38	U	38	110	430	ug/Kg
98-86-2	Acetophenone	110	J	77	110	430	ug/Kg
106-44-5	4-Methylphenol	53	U	53	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	48	U	48	55.4	220	ug/Kg
67-72-1	Hexachloroethane	21	U	21	55.4	220	ug/Kg
98-95-3	Nitrobenzene	35	U	35	55.4	220	ug/Kg
78-59-1	Isophorone	47	U	47	55.4	220	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	55.4	220	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	55.4	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	40	U	40	55.4	220	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	55.4	220	ug/Kg
91-20-3	Naphthalene	43	U	43	55.4	220	ug/Kg
106-47-8	4-Chloroaniline	57	U	57	55.4	430	ug/Kg
87-68-3	Hexachlorobutadiene	34	U	34	55.4	220	ug/Kg
105-60-2	Caprolactam	52	U	52	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	55.4	220	ug/Kg
90-12-0	1-Methylnaphthalene	25	U	25	55.4	220	ug/Kg
91-57-6	2-Methylnaphthalene	48	U	48	55.4	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	25	U	25	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	65	U	65	55.4	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	64	U	64	55.4	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AB1	SDG No.:	BN062224
Lab Sample ID:	P2899-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.3
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
BN032178.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	60	U	60	55.4	220	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	57	55.4	220	ug/Kg
88-74-4	2-Nitroaniline	29	U	29	55.4	220	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	55.4	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	34	U	34	55.4	220	ug/Kg
208-96-8	Acenaphthylene	60	U	60	55.4	220	ug/Kg
99-09-2	3-Nitroaniline	18	U	18	110	430	ug/Kg
83-32-9	Acenaphthene	65	U	65	55.4	220	ug/Kg
51-28-5	2,4-Dinitrophenol	42	U	42	110	430	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	110	430	ug/Kg
132-64-9	Dibenzofuran	52	U	52	55.4	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	17	U	17	55.4	220	ug/Kg
84-66-2	Diethylphthalate	53	U	53	55.4	220	ug/Kg
86-73-7	Fluorene	76	U	76	55.4	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	63	U	63	55.4	220	ug/Kg
100-01-6	4-Nitroaniline	21	U	21	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	51	U	51	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	59	U	59	55.4	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	55.4	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	55.4	220	ug/Kg
118-74-1	Hexachlorobenzene	65	U	65	55.4	220	ug/Kg
1912-24-9	Atrazine	14	U	14	110	430	ug/Kg
87-86-5	Pentachlorophenol	50	U	50	110	430	ug/Kg
85-01-8	Phenanthrene	69	U	69	55.4	220	ug/Kg
608-93-5	Pentachlorobenzene	47	U	47	55.4	220	ug/Kg
120-12-7	Anthracene	61	U	61	55.4	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.3	U	7.3	55.4	220	ug/Kg
86-74-8	Carbazole	80	U	80	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	55.4	220	ug/Kg
206-44-0	Fluoranthene	59	U	59	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AB1	SDG No.:	BN062224
Lab Sample ID:	P2899-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.3
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
BN032178.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60	U	60	55.4	220	ug/Kg
85-68-7	Butylbenzylphthalate	56	U	56	55.4	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	33	U	33	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	51	U	51	55.4	220	ug/Kg
218-01-9	Chrysene	60	U	60	55.4	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56	U	56	55.4	220	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	63	U	63	55.4	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	76	U	76	55.4	220	ug/Kg
50-32-8	Benzo(a)pyrene	74	U	74	55.4	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	59	U	59	55.4	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	68	U	68	55.4	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	60	U	60	55.4	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	68	U	68	55.4	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.308		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	2.507	*	20-120		6	SPK: -40
4165-62-2	Phenol-d5	18.089		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.034		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.046		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	12.915		10-140		32	SPK: -40
4165-60-0	Nitrobenzene-d5	24.395		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.435		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.214		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.841		1-145		10	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.621		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	23.555		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.964		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	23.706		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AB1	SDG No.:	BN062224
Lab Sample ID:	P2899-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.3
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
BN032178.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.324		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	24.84		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	22.517		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.441		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	327704	7.634				
1146-65-2	Naphthalene-d8	1257096	10.41				
15067-26-2	Acenaphthene-d10	725119	14.281				
1517-22-2	Phenanthrene-d10	1363286	17.028				
1719-03-5	Chrysene-d12	1208756	21.269				
1520-96-3	Perylene-d12	1383832	24.192				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	210	J			4.769	
000080-56-8	.alpha.-Pinene	160	J			6.316	
000127-91-3	.beta.-Pinene	150	J			7.064	
002548-87-0	2-Octenal, (E)-	420	J			8.228	
000103-82-2	Benzeneacetic acid	180	J			10.987	
000057-10-3	n-Hexadecanoic acid	800	J			17.933	
1000494-38-5	(1S,2S,8aR)-1-((Z)-5-Hydroxy-3-met	90	J			18.551	
000057-11-4	Octadecanoic acid	290	J			19.222	
E966796	Total Alkanes	60	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AA9	SDG No.:	BN062224
Lab Sample ID:	P2899-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	3.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032179.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	6.8	69	ug/Kg
100-52-7	Benzaldehyde	50	U	50	85.5	340	ug/Kg
110-86-1	Pyridine	12	U	12	170	340	ug/Kg
108-95-2	Phenol	47	U	47	85.5	340	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	85.5	340	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	44	180	ug/Kg
95-48-7	2-Methylphenol	40	U	40	85.5	340	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	30	U	30	85.5	340	ug/Kg
98-86-2	Acetophenone	61	U	61	85.5	340	ug/Kg
106-44-5	4-Methylphenol	42	U	42	85.5	340	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	38	U	38	44	180	ug/Kg
67-72-1	Hexachloroethane	17	U	17	44	180	ug/Kg
98-95-3	Nitrobenzene	28	U	28	44	180	ug/Kg
78-59-1	Isophorone	37	U	37	44	180	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	44	180	ug/Kg
105-67-9	2,4-Dimethylphenol	8.8	U	8.8	44	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	32	U	32	44	180	ug/Kg
120-83-2	2,4-Dichlorophenol	35	U	35	44	180	ug/Kg
91-20-3	Naphthalene	34	U	34	44	180	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	44	340	ug/Kg
87-68-3	Hexachlorobutadiene	27	U	27	44	180	ug/Kg
105-60-2	Caprolactam	41	U	41	85.5	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	37	U	37	44	180	ug/Kg
90-12-0	1-Methylnaphthalene	20	U	20	44	180	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	44	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	20	U	20	85.5	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	44	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	44	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AA9	SDG No.:	BN062224
Lab Sample ID:	P2899-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	3.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032179.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	48	U	48	44	180	ug/Kg
91-58-7	2-Chloronaphthalene	46	U	46	44	180	ug/Kg
88-74-4	2-Nitroaniline	23	U	23	44	180	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	44	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	44	180	ug/Kg
208-96-8	Acenaphthylene	48	U	48	44	180	ug/Kg
99-09-2	3-Nitroaniline	15	U	15	85.5	340	ug/Kg
83-32-9	Acenaphthene	52	U	52	44	180	ug/Kg
51-28-5	2,4-Dinitrophenol	33	U	33	85.5	340	ug/Kg
100-02-7	4-Nitrophenol	11	U	11	85.5	340	ug/Kg
132-64-9	Dibenzofuran	41	U	41	44	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	13	U	13	44	180	ug/Kg
84-66-2	Diethylphthalate	42	U	42	44	180	ug/Kg
86-73-7	Fluorene	60	U	60	44	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	50	U	50	44	180	ug/Kg
100-01-6	4-Nitroaniline	17	U	17	85.5	340	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	40	U	40	85.5	340	ug/Kg
86-30-6	N-Nitrosodiphenylamine	47	U	47	44	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	47	44	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	44	180	ug/Kg
118-74-1	Hexachlorobenzene	52	U	52	44	180	ug/Kg
1912-24-9	Atrazine	11	U	11	85.5	340	ug/Kg
87-86-5	Pentachlorophenol	39	U	39	85.5	340	ug/Kg
85-01-8	Phenanthrene	55	U	55	44	180	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	44	180	ug/Kg
120-12-7	Anthracene	49	U	49	44	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	5.8	U	5.8	44	180	ug/Kg
86-74-8	Carbazole	63	U	63	85.5	340	ug/Kg
84-74-2	Di-n-butylphthalate	59	U	59	44	180	ug/Kg
206-44-0	Fluoranthene	47	U	47	85.5	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AA9	SDG No.:	BN062224
Lab Sample ID:	P2899-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	3.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032179.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	48	U	48	44	180	ug/Kg
85-68-7	Butylbenzylphthalate	45	U	45	44	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	85.5	340	ug/Kg
56-55-3	Benzo(a)anthracene	40	U	40	44	180	ug/Kg
218-01-9	Chrysene	48	U	48	44	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	68	J	45	44	180	ug/Kg
117-84-0	Di-n-octyl phthalate	45	U	45	85.5	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	U	50	44	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	60	U	60	44	180	ug/Kg
50-32-8	Benzo(a)pyrene	59	U	59	44	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47	U	47	44	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54	U	54	44	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	44	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	54	U	54	44	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.68		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	2.333	*	20-120		6	SPK: -40
4165-62-2	Phenol-d5	17.573		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.324		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.361		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	16.178		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	21.301		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.036		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.248		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.77		1-145		22	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.008		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	21.901		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.17		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	20.901		20-140		52	SPK: -40

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AA9	SDG No.:	BN062224
Lab Sample ID:	P2899-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	3.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032179.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.612		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	22.57		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	21.473		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.067		10-140		40	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	379045	7.634				
1146-65-2	Naphthalene-d8	1561790	10.41				
15067-26-2	Acenaphthene-d10	888638	14.281				
1517-22-2	Phenanthrene-d10	1522480	17.034				
1719-03-5	Chrysene-d12	1123977	21.269				
1520-96-3	Perylene-d12	1317792	24.186				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	160	J			4.77	
000098-54-4	Phenol, p-tert-butyl-	630	J			11.769	
002725-53-3	Benzaldehyde, 5-(1,1-dimethylethyl	330	J			12.928	
001014-60-4	Benzene, 1,3-bis(1,1-dimethylethyl	89	J			16.081	
000057-10-3	n-Hexadecanoic acid	250	J			17.934	
000057-11-4	Octadecanoic acid	110	J			19.222	
1000309-38-1	Oxalic acid, isobutyl hexadecyl es	200	J			20.951	
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AB6	SDG No.:	BN062224
Lab Sample ID:	P2899-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032180.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.3	83	ug/Kg
100-52-7	Benzaldehyde	60	U	60	100	410	ug/Kg
110-86-1	Pyridine	15	U	15	210	410	ug/Kg
108-95-2	Phenol	56	U	56	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	100	410	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	53.2	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	100	410	ug/Kg
98-86-2	Acetophenone	74	U	74	100	410	ug/Kg
106-44-5	4-Methylphenol	51	U	51	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	46	U	46	53.2	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	53.2	210	ug/Kg
98-95-3	Nitrobenzene	34	U	34	53.2	210	ug/Kg
78-59-1	Isophorone	45	U	45	53.2	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	53.2	210	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	53.2	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	39	U	39	53.2	210	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	53.2	210	ug/Kg
91-20-3	Naphthalene	41	U	41	53.2	210	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	53.2	410	ug/Kg
87-68-3	Hexachlorobutadiene	33	U	33	53.2	210	ug/Kg
105-60-2	Caprolactam	50	U	50	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	53.2	210	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	53.2	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	53.2	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	24	U	24	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	63	U	63	53.2	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	61	U	61	53.2	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AB6	SDG No.:	BN062224
Lab Sample ID:	P2899-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032180.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	53.2	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	53.2	210	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	53.2	210	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	53.2	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	33	U	33	53.2	210	ug/Kg
208-96-8	Acenaphthylene	58	U	58	53.2	210	ug/Kg
99-09-2	3-Nitroaniline	18	U	18	100	410	ug/Kg
83-32-9	Acenaphthene	63	U	63	53.2	210	ug/Kg
51-28-5	2,4-Dinitrophenol	40	U	40	100	410	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	410	ug/Kg
132-64-9	Dibenzofuran	50	U	50	53.2	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	53.2	210	ug/Kg
84-66-2	Diethylphthalate	51	U	51	53.2	210	ug/Kg
86-73-7	Fluorene	73	U	73	53.2	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	53.2	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	56	U	56	53.2	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	53.2	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	53.2	210	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	53.2	210	ug/Kg
1912-24-9	Atrazine	14	U	14	100	410	ug/Kg
87-86-5	Pentachlorophenol	48	U	48	100	410	ug/Kg
85-01-8	Phenanthrene	66	U	66	53.2	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	53.2	210	ug/Kg
120-12-7	Anthracene	59	U	59	53.2	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7	U	7	53.2	210	ug/Kg
86-74-8	Carbazole	76	U	76	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	71	U	71	53.2	210	ug/Kg
206-44-0	Fluoranthene	56	U	56	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AB6	SDG No.:	BN062224
Lab Sample ID:	P2899-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032180.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	58	U	58	53.2	210	ug/Kg
85-68-7	Butylbenzylphthalate	54	U	54	53.2	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	49	53.2	210	ug/Kg
218-01-9	Chrysene	58	U	58	53.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54	U	54	53.2	210	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	60	U	60	53.2	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	73	U	73	53.2	210	ug/Kg
50-32-8	Benzo(a)pyrene	71	U	71	53.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	56	U	56	53.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	65	U	65	53.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58	U	58	53.2	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	65	U	65	53.2	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.218		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	0.437	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	20.512		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.93		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.735		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	15.207		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	23.696		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.769		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.882		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.861		1-145		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.118		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	24.359		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.748		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	23.3		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AB6	SDG No.:	BN062224
Lab Sample ID:	P2899-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032180.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.501		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	25.244		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	24.422		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.603		10-140		42	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	347933	7.634				
1146-65-2	Naphthalene-d8	1479894	10.416				
15067-26-2	Acenaphthene-d10	882245	14.281				
1517-22-2	Phenanthrene-d10	1490826	17.034				
1719-03-5	Chrysene-d12	1043400	21.263				
1520-96-3	Perylene-d12	1265287	24.18				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	200	J			4.769	
000080-56-8	.alpha.-Pinene	130	J			6.316	
000770-35-4	1-Phenoxypropan-2-ol	100	J			11.163	
000057-10-3	n-Hexadecanoic acid	240	J			17.933	
000057-11-4	Octadecanoic acid	140	J			19.222	
001235-74-1	Methyl dehydroabietate	84	J			20.41	
001740-19-8	Dehydroabietic acid	100	J			20.922	
E966796	Total Alkanes	58	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AA3	SDG No.:	BN062224
Lab Sample ID:	P2899-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	1.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032181.D	1	6/18/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	6.7	68	ug/Kg
100-52-7	Benzaldehyde	49	U	49	83.8	340	ug/Kg
110-86-1	Pyridine	12	U	12	170	340	ug/Kg
108-95-2	Phenol	46	U	46	83.8	340	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	83.8	340	ug/Kg
95-57-8	2-Chlorophenol	22	U	22	43.2	170	ug/Kg
95-48-7	2-Methylphenol	40	U	40	83.8	340	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	29	U	29	83.8	340	ug/Kg
98-86-2	Acetophenone	60	U	60	83.8	340	ug/Kg
106-44-5	4-Methylphenol	42	U	42	83.8	340	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	38	U	38	43.2	170	ug/Kg
67-72-1	Hexachloroethane	16	U	16	43.2	170	ug/Kg
98-95-3	Nitrobenzene	27	U	27	43.2	170	ug/Kg
78-59-1	Isophorone	37	U	37	43.2	170	ug/Kg
88-75-5	2-Nitrophenol	30	U	30	43.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	8.6	U	8.6	43.2	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	31	U	31	43.2	170	ug/Kg
120-83-2	2,4-Dichlorophenol	35	U	35	43.2	170	ug/Kg
91-20-3	Naphthalene	34	U	34	43.2	170	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	43.2	340	ug/Kg
87-68-3	Hexachlorobutadiene	26	U	26	43.2	170	ug/Kg
105-60-2	Caprolactam	41	U	41	83.8	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	37	U	37	43.2	170	ug/Kg
90-12-0	1-Methylnaphthalene	19	U	19	43.2	170	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	43.2	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	19	U	19	83.8	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	43.2	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	43.2	170	ug/Kg



Client:				Date Collected:	6/11/2024 12:00:00 AM	
Project:				Date Received:	6/11/2024 12:00:00 AM	
Client Sample ID:	C0AA3			SDG No.:	BN062224	
Lab Sample ID:	P2899-01			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	1.9	
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032181.D	1	6/18/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	47	U	47	43.2	170	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	43.2	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	43.2	170	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	43.2	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	43.2	170	ug/Kg
208-96-8	Acenaphthylene	47	U	47	43.2	170	ug/Kg
99-09-2	3-Nitroaniline	14	U	14	83.8	340	ug/Kg
83-32-9	Acenaphthene	51	U	51	43.2	170	ug/Kg
51-28-5	2,4-Dinitrophenol	33	U	33	83.8	340	ug/Kg
100-02-7	4-Nitrophenol	11	U	11	83.8	340	ug/Kg
132-64-9	Dibenzofuran	41	U	41	43.2	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	13	U	13	43.2	170	ug/Kg
84-66-2	Diethylphthalate	42	U	42	43.2	170	ug/Kg
86-73-7	Fluorene	59	U	59	43.2	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	49	U	49	43.2	170	ug/Kg
100-01-6	4-Nitroaniline	16	U	16	83.8	340	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	40	U	40	83.8	340	ug/Kg
86-30-6	N-Nitrosodiphenylamine	46	U	46	43.2	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	46	U	46	43.2	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	43.2	170	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	43.2	170	ug/Kg
1912-24-9	Atrazine	11	U	11	83.8	340	ug/Kg
87-86-5	Pentachlorophenol	39	U	39	83.8	340	ug/Kg
85-01-8	Phenanthrene	54	U	54	43.2	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	43.2	170	ug/Kg
120-12-7	Anthracene	48	U	48	43.2	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	5.7	U	5.7	43.2	170	ug/Kg
86-74-8	Carbazole	62	U	62	83.8	340	ug/Kg
84-74-2	Di-n-butylphthalate	58	U	58	43.2	170	ug/Kg
206-44-0	Fluoranthene	46	U	46	83.8	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AA3	SDG No.:	BN062224
Lab Sample ID:	P2899-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	1.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032181.D	1	6/18/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	47	U	47	43.2	170	ug/Kg
85-68-7	Butylbenzylphthalate	44	U	44	43.2	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	83.8	340	ug/Kg
56-55-3	Benzo(a)anthracene	40	U	40	43.2	170	ug/Kg
218-01-9	Chrysene	47	U	47	43.2	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	43.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	44	U	44	83.8	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	U	49	43.2	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	59	U	59	43.2	170	ug/Kg
50-32-8	Benzo(a)pyrene	58	U	58	43.2	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	46	43.2	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53	U	53	43.2	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	47	U	47	43.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	53	U	53	43.2	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.957		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	13.384		20-120		33	SPK: -40
4165-62-2	Phenol-d5	17.082		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.025		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.837		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	17.328		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	20.683		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.419		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.884		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.662		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.297		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	20.765		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.427		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	19.922		20-140		50	SPK: -40

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AA3	SDG No.:	BN062224
Lab Sample ID:	P2899-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	1.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032181.D	1	6/18/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.065		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	21.453		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	21.786		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.572		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	324682	7.634				
1146-65-2	Naphthalene-d8	1323962	10.41				
15067-26-2	Acenaphthene-d10	737901	14.275				
1517-22-2	Phenanthrene-d10	1284246	17.028				
1719-03-5	Chrysene-d12	1064024	21.263				
1520-96-3	Perylene-d12	1286207	24.18				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	89	J			17.928	
	(DEL) Alkane: Straight-Chain	20.945	J			20.945	
E966796	Total Alkanes	110				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AB0	SDG No.:	BN062224
Lab Sample ID:	P2899-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
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
BN032182.D	1	6/18/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.1	81	ug/Kg
100-52-7	Benzaldehyde	59	U	59	100	400	ug/Kg
110-86-1	Pyridine	15	U	15	200	400	ug/Kg
108-95-2	Phenol	55	U	55	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	400	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	51.9	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	100	400	ug/Kg
98-86-2	Acetophenone	72	U	72	100	400	ug/Kg
106-44-5	4-Methylphenol	50	U	50	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	51.9	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	51.9	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	51.9	210	ug/Kg
78-59-1	Isophorone	44	U	44	51.9	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	51.9	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	51.9	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	51.9	210	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	51.9	210	ug/Kg
91-20-3	Naphthalene	40	U	40	51.9	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	51.9	400	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	51.9	210	ug/Kg
105-60-2	Caprolactam	49	U	49	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	51.9	210	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	51.9	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.9	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	51.9	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60	U	60	51.9	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AB0	SDG No.:	BN062224
Lab Sample ID:	P2899-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
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
BN032182.D	1	6/18/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	51.9	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	51.9	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.9	210	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	51.9	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	51.9	210	ug/Kg
208-96-8	Acenaphthylene	56	U	56	51.9	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	400	ug/Kg
83-32-9	Acenaphthene	61	U	61	51.9	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	100	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	100	400	ug/Kg
132-64-9	Dibenzofuran	49	U	49	51.9	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	51.9	210	ug/Kg
84-66-2	Diethylphthalate	50	U	50	51.9	210	ug/Kg
86-73-7	Fluorene	71	U	71	51.9	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	51.9	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	51.9	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	51.9	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	51.9	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	51.9	210	ug/Kg
1912-24-9	Atrazine	13	U	13	100	400	ug/Kg
87-86-5	Pentachlorophenol	46	U	46	100	400	ug/Kg
85-01-8	Phenanthrene	65	U	65	51.9	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	51.9	210	ug/Kg
120-12-7	Anthracene	57	U	57	51.9	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.8	U	6.8	51.9	210	ug/Kg
86-74-8	Carbazole	74	U	74	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	51.9	210	ug/Kg
206-44-0	Fluoranthene	55	U	55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AB0	SDG No.:	BN062224
Lab Sample ID:	P2899-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
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
BN032182.D	1	6/18/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	51.9	210	ug/Kg
85-68-7	Butylbenzylphthalate	53	U	53	51.9	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	48	U	48	51.9	210	ug/Kg
218-01-9	Chrysene	56	U	56	51.9	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	51.9	210	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	59	U	59	51.9	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	71	U	71	51.9	210	ug/Kg
50-32-8	Benzo(a)pyrene	70	U	70	51.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	55	U	55	51.9	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63	U	63	51.9	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56	U	56	51.9	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	63	U	63	51.9	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.558		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	12.107		20-120		30	SPK: -40
4165-62-2	Phenol-d5	15.482		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.365		10-150		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.808		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	15.104		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	18.092		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.392		10-120		48	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.079		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.171		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.022		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	18.112		15-120		45	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.492		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	17.287		20-140		43	SPK: -40

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AB0	SDG No.:	BN062224
Lab Sample ID:	P2899-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
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
BN032182.D	1	6/18/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.804		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	18.787		10-150		47	SPK: -40
1718-52-1	Pyrene-d10	19.12		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.947		10-140		45	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	344260	7.634				
1146-65-2	Naphthalene-d8	1386587	10.416				
15067-26-2	Acenaphthene-d10	776858	14.281				
1517-22-2	Phenanthrene-d10	1362908	17.033				
1719-03-5	Chrysene-d12	1123024	21.263				
1520-96-3	Perylene-d12	1374730	24.18				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	210	J			17.927	
000693-71-0	trans-13-Octadecenoic acid	410	J			19.098	
000057-11-4	Octadecanoic acid	110	J			19.221	
000511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	100	J			20.31	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	110	J			20.951	
007683-64-9	Supraene	170	J			22.78	
E966796	Total Alkanes	56	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:	SLCS556	SDG No.:	BN062224
Lab Sample ID:	PB161556BS	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
BN032183.D	1	6/18/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	350		12	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1100		48	82.5	330	ug/Kg
110-86-1	Pyridine	870		12	170	330	ug/Kg
108-95-2	Phenol	980		45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	930		35	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1100		22	42.5	170	ug/Kg
95-48-7	2-Methylphenol	960		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	870		29	82.5	330	ug/Kg
98-86-2	Acetophenone	990		59	82.5	330	ug/Kg
106-44-5	4-Methylphenol	980		41	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	870		37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1000		16	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1000		27	42.5	170	ug/Kg
78-59-1	Isophorone	920		36	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1200		30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	880		8.5	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	950		31	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		34	42.5	170	ug/Kg
91-20-3	Naphthalene	1100		33	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	930		44	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1200		26	42.5	170	ug/Kg
105-60-2	Caprolactam	900		40	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	990		36	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	1100		19	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1100		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	600		19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		50	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		49	42.5	170	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:	SLCS556	SDG No.:	BN062224
Lab Sample ID:	PB161556BS	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
BN032183.D	1	6/18/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1200		46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1200		44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1000		22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	1100		38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1100		46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1100		14	82.5	330	ug/Kg
83-32-9	Acenaphthene	1100		50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	1100		32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	960		11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1100		40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	1000		41	42.5	170	ug/Kg
86-73-7	Fluorene	1100		58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1200		16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1300		45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1200		50	42.5	170	ug/Kg
1912-24-9	Atrazine	1000		11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	1100		38	82.5	330	ug/Kg
85-01-8	Phenanthrene	1200		53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1400		36	42.5	170	ug/Kg
120-12-7	Anthracene	1100		47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1500		5.6	42.5	170	ug/Kg
86-74-8	Carbazole	1200		61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1100		57	42.5	170	ug/Kg
206-44-0	Fluoranthene	1200		45	82.5	170	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:	SLCS556	SDG No.:	BN062224
Lab Sample ID:	PB161556BS	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
BN032183.D	1	6/18/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1100		43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1100		39	42.5	170	ug/Kg
218-01-9	Chrysene	1100		46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	1000		57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.329		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	25.443		20-120		64	SPK: -40
4165-62-2	Phenol-d5	28.947		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.242		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.267		15-120		83	SPK: -40
190780-66-6	4-Methylphenol-d8	29.074		10-140		73	SPK: -40
4165-60-0	Nitrobenzene-d5	34.446		10-135		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.873		10-120		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.851		10-140		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.055		1-145		78	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.315		10-145		83	SPK: -40
93951-97-4	Acenaphthylene-d8	33.56		15-120		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.334		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	31.826		20-140		80	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:	SLCS556	SDG No.:	BN062224
Lab Sample ID:	PB161556BS	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
BN032183.D	1	6/18/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.924		10-130		92	SPK: -40
1719-06-8	Anthracene-d10	34.994		10-150		87	SPK: -40
1718-52-1	Pyrene-d10	33.812		10-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.261		10-140		88	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	367600	7.634				
1146-65-2	Naphthalene-d8	1484281	10.416				
15067-26-2	Acenaphthene-d10	837537	14.281				
1517-22-2	Phenanthrene-d10	1431549	17.034				
1719-03-5	Chrysene-d12	1188398	21.269				
1520-96-3	Perylene-d12	1408267	24.18				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	SBLK462	SDG No.:	BN062224
Lab Sample ID:	PB161462BL	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
BN032185.D	1	6/12/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	6.6	67	ug/Kg
100-52-7	Benzaldehyde	48	U	48	82.5	330	ug/Kg
110-86-1	Pyridine	12	U	12	170	330	ug/Kg
108-95-2	Phenol	45	U	45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	22	U	22	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)	29	U	29	82.5	330	ug/Kg
98-86-2	Acetophenone	59	U	59	82.5	330	ug/Kg
106-44-5	4-Methylphenol	41	U	41	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	37	U	37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	16	U	16	42.5	170	ug/Kg
98-95-3	Nitrobenzene	27	U	27	42.5	170	ug/Kg
78-59-1	Isophorone	36	U	36	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	30	U	30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	8.5	U	8.5	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	31	U	31	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	34	U	34	42.5	170	ug/Kg
91-20-3	Naphthalene	33	U	33	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	26	U	26	42.5	170	ug/Kg
105-60-2	Caprolactam	40	U	40	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	36	U	36	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	19	U	19	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	19	U	19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	SBLK462	SDG No.:	BN062224
Lab Sample ID:	PB161462BL	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
BN032185.D	1	6/12/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	46	U	46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	46	U	46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	14	U	14	82.5	330	ug/Kg
83-32-9	Acenaphthene	50	U	50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	32	U	32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	11	U	11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	40	U	40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	13	U	13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	41	U	41	42.5	170	ug/Kg
86-73-7	Fluorene	58	U	58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	48	U	48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	16	U	16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	39	U	39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	99	U	99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.5	170	ug/Kg
1912-24-9	Atrazine	11	U	11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	38	U	38	82.5	330	ug/Kg
85-01-8	Phenanthrene	53	U	53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	36	U	36	42.5	170	ug/Kg
120-12-7	Anthracene	47	U	47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	5.6	U	5.6	42.5	170	ug/Kg
86-74-8	Carbazole	61	U	61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	57	U	57	42.5	170	ug/Kg
206-44-0	Fluoranthene	45	U	45	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	SBLK462	SDG No.:	BN062224
Lab Sample ID:	PB161462BL	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
BN032185.D	1	6/12/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	46	U	46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	43	U	43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	46	U	46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43	U	43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	U	52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	42.5	170	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	25.832		20-120		65	SPK: -40
17647-74-4	1,4-Dioxane-d8	5.135		15-120		64	SPK: -8
4165-62-2	Phenol-d5	27.982		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.874		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.879		15-120		80	SPK: -40
190780-66-6	4-Methylphenol-d8	29.291		10-140		73	SPK: -40
4165-60-0	Nitrobenzene-d5	32.393		10-135		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.218		10-120		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31		10-140		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.897		1-145		77	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.833		10-145		77	SPK: -40
93951-97-4	Acenaphthylene-d8	30.634		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.734		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	28.627		20-140		72	SPK: -40

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	SBLK462	SDG No.:	BN062224
Lab Sample ID:	PB161462BL	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
BN032185.D	1	6/12/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.554		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	32.918		10-150		82	SPK: -40
1718-52-1	Pyrene-d10	32.687		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.417		10-140		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	344199	7.634				
1146-65-2	Naphthalene-d8	1455591	10.41				
15067-26-2	Acenaphthene-d10	860656	14.275				
1517-22-2	Phenanthrene-d10	1423660	17.028				
1719-03-5	Chrysene-d12	1103169	21.263				
1520-96-3	Perylene-d12	1302609	24.18				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	SBLK446	SDG No.:	BN062224
Lab Sample ID:	PB161446BL	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
BN032186.D	1	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	6.6	67	ug/Kg
100-52-7	Benzaldehyde	48	U	48	82.5	330	ug/Kg
110-86-1	Pyridine	12	U	12	170	330	ug/Kg
108-95-2	Phenol	45	U	45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	22	U	22	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)	29	U	29	82.5	330	ug/Kg
98-86-2	Acetophenone	59	U	59	82.5	330	ug/Kg
106-44-5	4-Methylphenol	41	U	41	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	37	U	37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	16	U	16	42.5	170	ug/Kg
98-95-3	Nitrobenzene	27	U	27	42.5	170	ug/Kg
78-59-1	Isophorone	36	U	36	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	30	U	30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	8.5	U	8.5	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	31	U	31	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	34	U	34	42.5	170	ug/Kg
91-20-3	Naphthalene	33	U	33	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	26	U	26	42.5	170	ug/Kg
105-60-2	Caprolactam	40	U	40	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	36	U	36	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	19	U	19	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	19	U	19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	SBLK446	SDG No.:	BN062224
Lab Sample ID:	PB161446BL	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
BN032186.D	1	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	46	U	46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	46	U	46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	14	U	14	82.5	330	ug/Kg
83-32-9	Acenaphthene	50	U	50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	32	U	32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	11	U	11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	40	U	40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	13	U	13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	41	U	41	42.5	170	ug/Kg
86-73-7	Fluorene	58	U	58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	48	U	48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	16	U	16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	39	U	39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	99	U	99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.5	170	ug/Kg
1912-24-9	Atrazine	11	U	11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	38	U	38	82.5	330	ug/Kg
85-01-8	Phenanthrene	53	U	53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	36	U	36	42.5	170	ug/Kg
120-12-7	Anthracene	47	U	47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	5.6	U	5.6	42.5	170	ug/Kg
86-74-8	Carbazole	61	U	61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	57	U	57	42.5	170	ug/Kg
206-44-0	Fluoranthene	45	U	45	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	SBLK446	SDG No.:	BN062224
Lab Sample ID:	PB161446BL	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
BN032186.D	1	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	46	U	46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	43	U	43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	46	U	46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43	U	43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	U	52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.876		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	24.163		20-120		60	SPK: -40
4165-62-2	Phenol-d5	26.481		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.907		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.868		15-120		77	SPK: -40
190780-66-6	4-Methylphenol-d8	27.679		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	31.559		10-135		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.144		10-120		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.756		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.706		1-145		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.934		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	30.441		15-120		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.82		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	28.383		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	SBLK446	SDG No.:	BN062224
Lab Sample ID:	PB161446BL	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
BN032186.D	1	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.455		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	31.954		10-150		80	SPK: -40
1718-52-1	Pyrene-d10	31.982		10-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.312		10-140		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	386918	7.634				
1146-65-2	Naphthalene-d8	1626201	10.41				
15067-26-2	Acenaphthene-d10	948820	14.281				
1517-22-2	Phenanthrene-d10	1618683	17.028				
1719-03-5	Chrysene-d12	1240276	21.263				
1520-96-3	Perylene-d12	1465722	24.18				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D56	SDG No.:	BN062224
Lab Sample ID:	P2775-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
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
BN032187.D	1	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.9	79	ug/Kg
100-52-7	Benzaldehyde	57	U	57	98.2	390	ug/Kg
110-86-1	Pyridine	14	U	14	200	390	ug/Kg
108-95-2	Phenol	100	J	54	98.2	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	98.2	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50.6	200	ug/Kg
95-48-7	2-Methylphenol	63	J	46	98.2	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	98.2	390	ug/Kg
98-86-2	Acetophenone	230	J	70	98.2	390	ug/Kg
106-44-5	4-Methylphenol	130	J	49	98.2	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	50.6	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	50.6	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	50.6	200	ug/Kg
78-59-1	Isophorone	43	U	43	50.6	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	50.6	200	ug/Kg
105-67-9	2,4-Dimethylphenol	120	J	10	50.6	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	50.6	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	50.6	200	ug/Kg
91-20-3	Naphthalene	5100	E	39	50.6	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	50.6	390	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	50.6	200	ug/Kg
105-60-2	Caprolactam	48	U	48	98.2	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	50.6	200	ug/Kg
90-12-0	1-Methylnaphthalene	2000		23	50.6	200	ug/Kg
91-57-6	2-Methylnaphthalene	2900		44	50.6	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	98.2	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	50.6	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	50.6	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D56	SDG No.:	BN062224
Lab Sample ID:	P2775-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
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
BN032187.D	1	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	730		55	50.6	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	50.6	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.6	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	50.6	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	50.6	200	ug/Kg
208-96-8	Acenaphthylene	330		55	50.6	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	98.2	390	ug/Kg
83-32-9	Acenaphthene	7100	E	60	50.6	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	98.2	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	98.2	390	ug/Kg
132-64-9	Dibenzofuran	5500	E	48	50.6	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	50.6	200	ug/Kg
84-66-2	Diethylphthalate	49	U	49	50.6	200	ug/Kg
86-73-7	Fluorene	7200	E	69	50.6	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	50.6	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	98.2	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	98.2	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	50.6	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	50.6	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	50.6	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	50.6	200	ug/Kg
1912-24-9	Atrazine	13	U	13	98.2	390	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	98.2	390	ug/Kg
85-01-8	Phenanthrene	22000	E	63	50.6	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	50.6	200	ug/Kg
120-12-7	Anthracene	9900	E	56	50.6	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.7	U	6.7	50.6	200	ug/Kg
86-74-8	Carbazole	7200	E	73	98.2	390	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	50.6	200	ug/Kg
206-44-0	Fluoranthene	36000	E	54	98.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D56	SDG No.:	BN062224
Lab Sample ID:	P2775-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
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
BN032187.D	1	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	27000	E	55	50.6	200	ug/Kg
85-68-7	Butylbenzylphthalate	51	U	51	50.6	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	98.2	390	ug/Kg
56-55-3	Benzo(a)anthracene	23000	E	46	50.6	200	ug/Kg
218-01-9	Chrysene	21000	E	55	50.6	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	50.6	200	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	98.2	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	13000	E	57	50.6	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	5900	E	69	50.6	200	ug/Kg
50-32-8	Benzo(a)pyrene	7800	E	68	50.6	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	6000	E	54	50.6	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2700		62	50.6	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		55	50.6	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	62	U	62	50.6	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.103		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	11.299		20-120		28	SPK: -40
4165-62-2	Phenol-d5	23.377		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.484		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.875		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	23.351		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	28.148		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.202		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.374		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.971		1-145		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.129		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	27.934		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.987		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	26.707		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D56	SDG No.:	BN062224
Lab Sample ID:	P2775-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
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
BN032187.D	1	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.903		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	30.253		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	40.263		10-130		101	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.903		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	328731	7.634				
1146-65-2	Naphthalene-d8	1252098	10.41				
15067-26-2	Acenaphthene-d10	713333	14.281				
1517-22-2	Phenanthrene-d10	1174844	17.045				
1719-03-5	Chrysene-d12	568421	21.31				
1520-96-3	Perylene-d12	1466761	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
000575-37-1	Naphthalene, 1,7-dimethyl-	220	J			13.599	
001855-47-6	1-Isopropenylnaphthalene	130	J			14.593	
013029-08-8	1,1-Biphenyl, 2,2-dichloro-	190	J			15.54	
000101-81-5	Diphenylmethane	130	J			15.581	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	300	J			15.628	
002141-42-6	Anthracene, 1,2,3,4-tetrahydro-	130	J			16.787	
000832-69-9	Phenanthrene, 1-methyl-	210	J			17.922	
002531-84-2	Phenanthrene, 2-methyl-	230	J			17.975	
000610-48-0	Anthracene, 1-methyl-	140	J			18.051	
000203-64-5	4H-Cyclopenta[def]phenanthrene	300	J			18.122	
000612-94-2	Naphthalene, 2-phenyl-	130	J			18.422	
003674-66-6	Phenanthrene, 2,5-dimethyl-	130	J			18.839	
002510-55-6	9-Cyanophenanthrene	130	J			19.351	
000205-39-0	Benzo(b)naphtho(1,2-d)furan	170	J			19.551	
000243-42-5	Benzo[b]naphtho[2,3-d]furan	220	J			19.657	
004425-74-5	9-(Cyanomethylene)fluorene	150	J			19.728	
002381-21-7	Pyrene, 1-methyl-	280	J			19.81	

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D56	SDG No.:	BN062224
Lab Sample ID:	P2775-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
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
BN032187.D	1	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000243-17-4	11H-Benzo[b]fluorene	490	J			19.981	
000238-84-6	11H-Benzo[a]fluorene	240	J			20.081	
003442-78-2	Pyrene, 2-methyl-	280	J			20.134	
003353-12-6	Pyrene, 4-methyl-	180	J			20.322	
000479-79-8	11H-Benzo[a]fluoren-11-one	150	J			20.733	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	150	J			20.898	
025732-74-5	Cyclopenta(cd)pyrene, 3,4-dihydro-	150	J			20.933	
027208-37-3	Cyclopenta[cd]pyrene	180	J			20.98	
000082-05-3	7H-Benz[de]anthracen-7-one	210	J			21.057	
1000306-39-6	Dimethyl-[4-[2-(3-methylisoxazol-5-yl)vinyl]]	150	J			21.48	
002381-31-9	Benz[a]anthracene, 8-methyl-	250	J			21.963	
095676-42-9	4,5-Dihydrobenzo[e]pyrene	200	J			22.974	
000205-99-2	Benzo[b]fluoranthene	300	J			23.551	
000207-93-2	Dinaphtho[1,2-b:1,2-d]furan	220	J			23.751	
000198-55-0	Perylene	430	J			23.974	
000215-58-7	Benzo[b]triphenylene	350	J			27.992	
E966796	Total Alkanes	55	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D47	SDG No.:	BN062224
Lab Sample ID:	P2775-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.7
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
BN032188.D	1	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.6	77	ug/Kg
100-52-7	Benzaldehyde	56	U	56	95.6	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	52	U	52	95.6	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	95.6	380	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	49.2	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	95.6	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	95.6	380	ug/Kg
98-86-2	Acetophenone	110	J	68	95.6	380	ug/Kg
106-44-5	4-Methylphenol	48	U	48	95.6	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	49.2	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	49.2	200	ug/Kg
98-95-3	Nitrobenzene	31	U	31	49.2	200	ug/Kg
78-59-1	Isophorone	42	U	42	49.2	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	49.2	200	ug/Kg
105-67-9	2,4-Dimethylphenol	9.8	U	9.8	49.2	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	49.2	200	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	49.2	200	ug/Kg
91-20-3	Naphthalene	520		38	49.2	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	49.2	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	49.2	200	ug/Kg
105-60-2	Caprolactam	46	U	46	95.6	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	49.2	200	ug/Kg
90-12-0	1-Methylnaphthalene	360		22	49.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	450		43	49.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	95.6	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	49.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	49.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D47	SDG No.:	BN062224
Lab Sample ID:	P2775-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.7
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
BN032188.D	1	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	140	J	53	49.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	49.2	200	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	49.2	200	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	49.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	49.2	200	ug/Kg
208-96-8	Acenaphthylene	230		53	49.2	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	95.6	380	ug/Kg
83-32-9	Acenaphthene	1900		58	49.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	95.6	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	95.6	380	ug/Kg
132-64-9	Dibenzofuran	1300		46	49.2	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	49.2	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	49.2	200	ug/Kg
86-73-7	Fluorene	2100		67	49.2	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	49.2	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	95.6	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	95.6	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	49.2	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	49.2	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	49.2	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.2	200	ug/Kg
1912-24-9	Atrazine	13	U	13	95.6	380	ug/Kg
87-86-5	Pentachlorophenol	44	U	44	95.6	380	ug/Kg
85-01-8	Phenanthrene	8300	E	61	49.2	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	49.2	200	ug/Kg
120-12-7	Anthracene	3500	E	54	49.2	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.5	U	6.5	49.2	200	ug/Kg
86-74-8	Carbazole	1300		71	95.6	380	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	49.2	200	ug/Kg
206-44-0	Fluoranthene	8600	E	52	95.6	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D47	SDG No.:	BN062224
Lab Sample ID:	P2775-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.7
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
BN032188.D	1	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	7000	E	53	49.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	50	U	50	49.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	95.6	380	ug/Kg
56-55-3	Benzo(a)anthracene	4600	E	45	49.2	200	ug/Kg
218-01-9	Chrysene	4500	E	53	49.2	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	49.2	200	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	95.6	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	4000	E	56	49.2	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		67	49.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	2200		66	49.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		52	49.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	670		60	49.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	230		53	49.2	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	49.2	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.914		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	4.329	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	19.755		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.148		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.12		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	19.805		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	24.439		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.827		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.356		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.086		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.673		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	25.059		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.641		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	24.987		20-140		62	SPK: -40

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D47	SDG No.:	BN062224
Lab Sample ID:	P2775-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.7
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032188.D	1	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.862		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	26.845		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	24.11		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.49		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	329141	7.634				
1146-65-2	Naphthalene-d8	1259176	10.41				
15067-26-2	Acenaphthene-d10	729682	14.281				
1517-22-2	Phenanthrene-d10	1380752	17.034				
1719-03-5	Chrysene-d12	1072531	21.28				
1520-96-3	Perylene-d12	1567624	24.192				
TENTATIVE IDENTIFIED COMPOUNDS							
000581-40-8	Naphthalene, 2,3-dimethyl-	340	J			13.593	
000480-66-0	Ethanone, 1-(2,4,6-trihydroxyphenyl)-	250	J			14.587	
000101-81-5	Diphenylmethane	380	J			15.493	
013029-08-8	1,1-Biphenyl, 2,2-dichloro-	420	J			15.54	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	520	J			15.628	
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phenyl-	670	J			15.775	
002523-39-9	9H-Fluorene, 3-methyl-	560	J			16.34	
042224-48-6	2-[2-Phenylethenyl]phenol	360	J			16.563	
400744-83-4	3-Methyl-[1,1-biphenyl]-4-carbal	210	J			16.604	
002141-42-6	Anthracene, 1,2,3,4-tetrahydro-	510	J			16.781	
000132-65-0	Dibenzothiophene	590	J			16.851	
000260-94-6	Acridine	380	J			17.228	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	450	J			17.628	
002531-84-2	Phenanthrene, 2-methyl-	1300	J			17.91	
000832-69-9	Phenanthrene, 1-methyl-	1500	J			17.957	
000610-48-0	Anthracene, 1-methyl-	720	J			18.039	
000203-64-5	4H-Cyclopenta[def]phenanthrene	2200	J			18.11	

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D47	SDG No.:	BN062224
Lab Sample ID:	P2775-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.7
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
BN032188.D	1	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	690	J			18.139	
000612-94-2	Naphthalene, 2-phenyl-	800	J			18.416	
000084-65-1	9,10-Anthracenedione	330	J			18.463	
003674-69-9	Phenanthrene, 4,5-dimethyl-	230	J			18.657	
003674-66-6	Phenanthrene, 2,5-dimethyl-	200	J			18.751	
002789-88-0	di-p-Tolylacetylene	590	J			18.834	
034373-96-1	9,10-Bis(bromomethyl)anthracene	400	J			18.898	
000781-43-1	9,10-Dimethylantracene	210	J			18.928	
001576-67-6	Phenanthrene, 3,6-dimethyl-	480	J			18.975	
000243-17-4	11H-Benzo[b]fluorene	240	J			19.963	
033543-31-6	Fluoranthene, 2-methyl-	210	J			20.063	
000192-97-2	Benzo[e]pyrene	1200	J			23.51	
000198-55-0	Perylene	1100	J			23.933	
E966796	Total Alkanes	53	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D48	SDG No.:	BN062224
Lab Sample ID:	P2775-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.7
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
BN032189.D	1	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8	81	ug/Kg
100-52-7	Benzaldehyde	58	U	58	100	400	ug/Kg
110-86-1	Pyridine	15	U	15	200	400	ug/Kg
108-95-2	Phenol	55	U	55	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	400	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	51.6	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	100	400	ug/Kg
98-86-2	Acetophenone	120	J	72	100	400	ug/Kg
106-44-5	4-Methylphenol	50	U	50	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	51.6	210	ug/Kg
67-72-1	Hexachloroethane	19	U	19	51.6	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	51.6	210	ug/Kg
78-59-1	Isophorone	44	U	44	51.6	210	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	51.6	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	51.6	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	51.6	210	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	51.6	210	ug/Kg
91-20-3	Naphthalene	310		40	51.6	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	51.6	400	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	51.6	210	ug/Kg
105-60-2	Caprolactam	49	U	49	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	51.6	210	ug/Kg
90-12-0	1-Methylnaphthalene	120	J	23	51.6	210	ug/Kg
91-57-6	2-Methylnaphthalene	160	J	45	51.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	51.6	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60	U	60	51.6	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D48	SDG No.:	BN062224
Lab Sample ID:	P2775-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.7
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
BN032189.D	1	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	J	56	51.6	210	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	51.6	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.6	210	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	51.6	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	51.6	210	ug/Kg
208-96-8	Acenaphthylene	62	J	56	51.6	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	400	ug/Kg
83-32-9	Acenaphthene	790		61	51.6	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	100	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	100	400	ug/Kg
132-64-9	Dibenzofuran	640		49	51.6	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	51.6	210	ug/Kg
84-66-2	Diethylphthalate	50	U	50	51.6	210	ug/Kg
86-73-7	Fluorene	930		70	51.6	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	51.6	210	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	51.6	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	51.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	51.6	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	51.6	210	ug/Kg
1912-24-9	Atrazine	13	U	13	100	400	ug/Kg
87-86-5	Pentachlorophenol	46	U	46	100	400	ug/Kg
85-01-8	Phenanthrene	5700	E	64	51.6	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	51.6	210	ug/Kg
120-12-7	Anthracene	2200		57	51.6	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.8	U	6.8	51.6	210	ug/Kg
86-74-8	Carbazole	970		74	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	51.6	210	ug/Kg
206-44-0	Fluoranthene	6100	E	55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D48	SDG No.:	BN062224
Lab Sample ID:	P2775-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.7
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
BN032189.D	1	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4900	E	56	51.6	210	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	51.6	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	3300	E	47	51.6	210	ug/Kg
218-01-9	Chrysene	3400	E	56	51.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	51.6	210	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	2900		58	51.6	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		70	51.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	1500		69	51.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		55	51.6	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	470		63	51.6	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	J	56	51.6	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	63	U	63	51.6	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.659		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	3.159	*	20-120		8	SPK: -40
4165-62-2	Phenol-d5	20.831		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.303		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.95		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	21.334		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	24.108		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.49		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.994		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.532		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.403		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	25.451		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.562		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	25.858		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D48	SDG No.:	BN062224
Lab Sample ID:	P2775-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.7
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032189.D	1	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.041		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	28.411		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	26.712		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.062		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	315866	7.634				
1146-65-2	Naphthalene-d8	1288331	10.41				
15067-26-2	Acenaphthene-d10	782495	14.281				
1517-22-2	Phenanthrene-d10	1566987	17.033				
1719-03-5	Chrysene-d12	1259539	21.274				
1520-96-3	Perylene-d12	1741717	24.192				
TENTATIVE IDENTIFIED COMPOUNDS							
000101-81-5	Diphenylmethane	160	J			15.492	
013029-08-8	1,1-Biphenyl, 2,2-dichloro-	130	J			15.539	
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phe	230	J			15.622	
000229-95-8	6H-Dibenzo[b,d]-pyran	260	J			15.769	
037680-65-2	1,1-Biphenyl, 2,2,5-trichloro-	200	J			16.563	
002141-42-6	Anthracene, 1,2,3,4-tetrahydro-	240	J			16.781	
000132-65-0	Dibenzothiophene	410	J			16.851	
000260-94-6	Acridine	270	J			17.228	
038444-84-7	1,1-Biphenyl, 2,3,3-trichloro-	380	J			17.633	
002531-84-2	Phenanthrene, 2-methyl-	760	J			17.904	
000832-69-9	Phenanthrene, 1-methyl-	1000	J			17.957	
000610-48-0	Anthracene, 1-methyl-	450	J			18.039	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1400	J			18.104	
004505-48-0	1H-Indene, 2-phenyl-	450	J			18.139	
002437-79-8	1,1-Biphenyl, 2,2,4,4-tetrachlo	200	J			18.204	
000612-94-2	Naphthalene, 2-phenyl-	520	J			18.41	
003674-69-9	Phenanthrene, 4,5-dimethyl-	140	J			18.657	

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D48	SDG No.:	BN062224
Lab Sample ID:	P2775-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.7
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
BN032189.D	1	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
003674-66-6	Phenanthrene, 2,5-dimethyl-	120	J			18.745	
002789-88-0	di-p-Tolylacetylene	320	J			18.828	
	unknown-01	230	J			18.892	
041464-42-0	1,1-Biphenyl, 2,3,5,5-tetrachlo	150	J			18.927	
	unknown-02	370	J			18.974	
000243-17-4	11H-Benzo[b]fluorene	140	J			19.786	
000238-84-6	11H-Benzo[a]fluorene	210	J			19.963	
033543-31-6	Fluoranthene, 2-methyl-	170	J			20.063	
002381-21-7	Pyrene, 1-methyl-	160	J			20.116	
027208-37-3	Cyclopenta[cd]pyrene	160	J			20.963	
002498-77-3	Benz[a]anthracene, 1-methyl-	120	J			21.939	
000192-97-2	Benzo[e]pyrene	670	J			23.504	
000198-55-0	Perylene	610	J			23.927	
E966796	Total Alkanes	56	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D58	SDG No.:	BN062224
Lab Sample ID:	P2775-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
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
BN032190.D	1	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8	81	ug/Kg
100-52-7	Benzaldehyde	58	U	58	100	400	ug/Kg
110-86-1	Pyridine	15	U	15	200	400	ug/Kg
108-95-2	Phenol	55	U	55	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	400	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	51.7	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	100	400	ug/Kg
98-86-2	Acetophenone	100	J	72	100	400	ug/Kg
106-44-5	4-Methylphenol	50	U	50	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	51.7	210	ug/Kg
67-72-1	Hexachloroethane	19	U	19	51.7	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	51.7	210	ug/Kg
78-59-1	Isophorone	44	U	44	51.7	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	51.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	51.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	51.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	51.7	210	ug/Kg
91-20-3	Naphthalene	110	J	40	51.7	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	51.7	400	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	51.7	210	ug/Kg
105-60-2	Caprolactam	49	U	49	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	51.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	73	J	23	51.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	99	J	45	51.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	51.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60	U	60	51.7	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D58	SDG No.:	BN062224
Lab Sample ID:	P2775-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
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
BN032190.D	1	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	51.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	51.7	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.7	210	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	51.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	51.7	210	ug/Kg
208-96-8	Acenaphthylene	190	J	56	51.7	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	400	ug/Kg
83-32-9	Acenaphthene	510		61	51.7	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	100	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	100	400	ug/Kg
132-64-9	Dibenzofuran	420		49	51.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	51.7	210	ug/Kg
84-66-2	Diethylphthalate	50	U	50	51.7	210	ug/Kg
86-73-7	Fluorene	630		71	51.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	51.7	210	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	51.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	51.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	51.7	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	51.7	210	ug/Kg
1912-24-9	Atrazine	13	U	13	100	400	ug/Kg
87-86-5	Pentachlorophenol	46	U	46	100	400	ug/Kg
85-01-8	Phenanthrene	5000	E	64	51.7	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	51.7	210	ug/Kg
120-12-7	Anthracene	1800		57	51.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.8	U	6.8	51.7	210	ug/Kg
86-74-8	Carbazole	590		74	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	51.7	210	ug/Kg
206-44-0	Fluoranthene	5700	E	55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D58	SDG No.:	BN062224
Lab Sample ID:	P2775-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
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
BN032190.D	1	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4600	E	56	51.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	51.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	3100		47	51.7	210	ug/Kg
218-01-9	Chrysene	3100		56	51.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	51.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	3000		58	51.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		71	51.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	1600		69	51.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		55	51.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	470		63	51.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	J	56	51.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	63	U	63	51.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.315		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	3.058	*	20-120		8	SPK: -40
4165-62-2	Phenol-d5	18.671		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.587		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.342		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	18.942		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	22.592		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.053		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.594		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.329		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.923		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	24.803		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.388		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	25.27		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D58	SDG No.:	BN062224
Lab Sample ID:	P2775-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032190.D	1	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.487		10-130		14	SPK: -40
1719-06-8	Anthracene-d10	26.963		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	23.543		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.13		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	311604	7.634				
1146-65-2	Naphthalene-d8	1211956	10.41				
15067-26-2	Acenaphthene-d10	717646	14.275				
1517-22-2	Phenanthrene-d10	1420827	17.034				
1719-03-5	Chrysene-d12	1200110	21.274				
1520-96-3	Perylene-d12	1619995	24.192				
TENTATIVE IDENTIFIED COMPOUNDS							
013029-08-8	1,1-Biphenyl, 2,2-dichloro-	170	J			15.54	
006344-67-8	9H-Fluoren-3-ol	170	J			15.622	
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phe	190	J			15.769	
001430-97-3	9H-Fluorene, 2-methyl-	160	J			16.334	
129812-23-3	Naphtho[2,1-b]furan, 1,2-dimethyl-	150	J			16.563	
000486-25-9	9H-Fluoren-9-one	120	J			16.692	
002141-42-6	Anthracene, 1,2,3,4-tetrahydro-	220	J			16.781	
000132-65-0	Dibenzothiophene	300	J			16.851	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	390	J			17.628	
002531-84-2	Phenanthrene, 2-methyl-	620	J			17.904	
000832-69-9	Phenanthrene, 1-methyl-	800	J			17.957	
000610-48-0	Anthracene, 1-methyl-	360	J			18.039	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1200	J			18.104	
000949-41-7	1H-Cyclopropa[l]phenanthrene, 1a,9b	370	J			18.139	
073575-52-7	2,3,4,5-Tetrachloro-1,1-bipheny	150	J			18.204	
000612-94-2	Naphthalene, 2-phenyl-	570	J			18.41	
000084-65-1	9,10-Anthracenedione	240	J			18.463	

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D58	SDG No.:	BN062224
Lab Sample ID:	P2775-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
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
BN032190.D	1	6/11/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
003674-69-9	Phenanthrene, 4,5-dimethyl-	120	J			18.657	
001576-67-6	Phenanthrene, 3,6-dimethyl-	100	J			18.745	
002789-88-0	di-p-Tolylacetylene	280	J			18.828	
	unknown-01	280	J			18.898	
070362-47-9	2,2,4,5-Tetrachloro-1,1-biphenyl	200	J			18.927	
	unknown-02	380	J			18.975	
002381-21-7	Pyrene, 1-methyl-	120	J			19.786	
000243-17-4	11H-Benzo[b]fluorene	180	J			19.963	
033543-31-6	Fluoranthene, 2-methyl-	140	J			20.063	
003353-12-6	Pyrene, 4-methyl-	150	J			20.122	
027208-37-3	Cyclopenta[cd]pyrene	150	J			20.963	
000192-97-2	Benzo[e]pyrene	590	J			23.504	
000198-55-0	Perylene	620	J			23.921	
E966796	Total Alkanes	56	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4B95	SDG No.:	BN062224
Lab Sample ID:	P2776-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032191.D	1	6/12/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	9.1	92	ug/Kg
100-52-7	Benzaldehyde	66	U	66	110	450	ug/Kg
110-86-1	Pyridine	16	U	16	230	450	ug/Kg
108-95-2	Phenol	62	U	62	110	450	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	110	450	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	58.4	230	ug/Kg
95-48-7	2-Methylphenol	54	U	54	110	450	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	110	450	ug/Kg
98-86-2	Acetophenone	81	U	81	110	450	ug/Kg
106-44-5	4-Methylphenol	56	U	56	110	450	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	58.4	230	ug/Kg
67-72-1	Hexachloroethane	22	U	22	58.4	230	ug/Kg
98-95-3	Nitrobenzene	37	U	37	58.4	230	ug/Kg
78-59-1	Isophorone	49	U	49	58.4	230	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	58.4	230	ug/Kg
105-67-9	2,4-Dimethylphenol	12	U	12	58.4	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	58.4	230	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	58.4	230	ug/Kg
91-20-3	Naphthalene	45	U	45	58.4	230	ug/Kg
106-47-8	4-Chloroaniline	60	U	60	58.4	450	ug/Kg
87-68-3	Hexachlorobutadiene	36	U	36	58.4	230	ug/Kg
105-60-2	Caprolactam	55	U	55	110	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	58.4	230	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	58.4	230	ug/Kg
91-57-6	2-Methylnaphthalene	51	U	51	58.4	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	26	U	26	110	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	69	U	69	58.4	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	67	U	67	58.4	230	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4B95	SDG No.:	BN062224
Lab Sample ID:	P2776-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032191.D	1	6/12/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	63	U	63	58.4	230	ug/Kg
91-58-7	2-Chloronaphthalene	60	U	60	58.4	230	ug/Kg
88-74-4	2-Nitroaniline	30	U	30	58.4	230	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	58.4	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	36	U	36	58.4	230	ug/Kg
208-96-8	Acenaphthylene	63	U	63	58.4	230	ug/Kg
99-09-2	3-Nitroaniline	19	U	19	110	450	ug/Kg
83-32-9	Acenaphthene	69	U	69	58.4	230	ug/Kg
51-28-5	2,4-Dinitrophenol	44	U	44	110	450	ug/Kg
100-02-7	4-Nitrophenol	15	U	15	110	450	ug/Kg
132-64-9	Dibenzofuran	55	U	55	58.4	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	18	U	18	58.4	230	ug/Kg
84-66-2	Diethylphthalate	56	U	56	58.4	230	ug/Kg
86-73-7	Fluorene	80	U	80	58.4	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	66	U	66	58.4	230	ug/Kg
100-01-6	4-Nitroaniline	22	U	22	110	450	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	54	U	54	110	450	ug/Kg
86-30-6	N-Nitrosodiphenylamine	62	U	62	58.4	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	58.4	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	140	58.4	230	ug/Kg
118-74-1	Hexachlorobenzene	69	U	69	58.4	230	ug/Kg
1912-24-9	Atrazine	15	U	15	110	450	ug/Kg
87-86-5	Pentachlorophenol	52	U	52	110	450	ug/Kg
85-01-8	Phenanthrene	73	U	73	58.4	230	ug/Kg
608-93-5	Pentachlorobenzene	49	U	49	58.4	230	ug/Kg
120-12-7	Anthracene	65	U	65	58.4	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.7	U	7.7	58.4	230	ug/Kg
86-74-8	Carbazole	84	U	84	110	450	ug/Kg
84-74-2	Di-n-butylphthalate	78	U	78	58.4	230	ug/Kg
206-44-0	Fluoranthene	110	J	62	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4B95	SDG No.:	BN062224
Lab Sample ID:	P2776-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032191.D	1	6/12/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	65	J	63	58.4	230	ug/Kg
85-68-7	Butylbenzylphthalate	59	U	59	58.4	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	34	U	34	110	450	ug/Kg
56-55-3	Benzo(a)anthracene	54	J	54	58.4	230	ug/Kg
218-01-9	Chrysene	63	U	63	58.4	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59	U	59	58.4	230	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	59	110	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	72	J	66	58.4	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	80	U	80	58.4	230	ug/Kg
50-32-8	Benzo(a)pyrene	78	U	78	58.4	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	62	U	62	58.4	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	71	U	71	58.4	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	63	U	63	58.4	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	71	U	71	58.4	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.665		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	0.866	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	17.837		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.769		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.05		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	17.159		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	22.371		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.091		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.519		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.533		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.153		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	21.497		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.941		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	21.233		20-140		53	SPK: -40

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4B95	SDG No.:	BN062224
Lab Sample ID:	P2776-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032191.D	1	6/12/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.858		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	22.643		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	17.025		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	10.342		10-140		26	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	324909	7.634				
1146-65-2	Naphthalene-d8	1219872	10.41				
15067-26-2	Acenaphthene-d10	709427	14.275				
1517-22-2	Phenanthrene-d10	1368165	17.028				
1719-03-5	Chrysene-d12	1246678	21.268				
1520-96-3	Perylene-d12	1508372	24.186				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain3.075	740	J			3.075	
	unknown-01	110	J			4.769	
000057-10-3	n-Hexadecanoic acid	230	J			17.927	
	(DEL) Alkane: Cyclic20.951	240	J			20.951	
E966796	Total Alkanes	980				99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4D47								
P2775-18	A4D47	Solid	[1,1-Biphenyl]-4-carboxaldehyde *	520.000	J			
P2775-18	A4D47	Solid	1,1-Biphenyl, 2,2-dichloro- *	420.000	J			
P2775-18	A4D47	Solid	1,1-Biphenyl, 2,4,4-trichloro- *	450.000	J			
P2775-18	A4D47	Solid	11H-Benzo[b]fluorene *	240.000	J			
P2775-18	A4D47	Solid	1H-Cyclopropa[1]phenanthrene, 1a *	690.000	J			
P2775-18	A4D47	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph *	670.000	J			
P2775-18	A4D47	Solid	2-[2-Phenylethenyl]phenol *	360.000	J			
P2775-18	A4D47	Solid	3-Methyl-[1,1-biphenyl]-4-carbal *	210.000	J			
P2775-18	A4D47	Solid	4H-Cyclopenta[def]phenanthrene *	2,200.000	J			
P2775-18	A4D47	Solid	9,10-Anthracenedione *	330.000	J			
P2775-18	A4D47	Solid	9,10-Bis(bromomethyl)anthracene *	400.000	J			
P2775-18	A4D47	Solid	9,10-Dimethylanthracene *	210.000	J			
P2775-18	A4D47	Solid	9H-Fluorene, 3-methyl- *	560.000	J			
P2775-18	A4D47	Solid	Acridine *	380.000	J			
P2775-18	A4D47	Solid	Anthracene, 1,2,3,4-tetrahydro- *	510.000	J			
P2775-18	A4D47	Solid	Anthracene, 1-methyl- *	720.000	J			
P2775-18	A4D47	Solid	Benzo[e]pyrene *	1,200.000	J			
P2775-18	A4D47	Solid	di-p-Tolylacetylene *	590.000	J			
P2775-18	A4D47	Solid	Dibenzothiophene *	590.000	J			
P2775-18	A4D47	Solid	Diphenylmethane *	380.000	J			
P2775-18	A4D47	Solid	Ethanone, 1-(2,4,6-trihydroxypher *	250.000	J			
P2775-18	A4D47	Solid	Fluoranthene, 2-methyl- *	210.000	J			
P2775-18	A4D47	Solid	Naphthalene, 2,3-dimethyl- *	340.000	J			
P2775-18	A4D47	Solid	Naphthalene, 2-phenyl- *	800.000	J			
P2775-18	A4D47	Solid	Perylene *	1,100.000	J			
P2775-18	A4D47	Solid	Phenanthrene, 1-methyl- *	1,500.000	J			
P2775-18	A4D47	Solid	Phenanthrene, 2,5-dimethyl- *	200.000	J			
P2775-18	A4D47	Solid	Phenanthrene, 2-methyl- *	1,300.000	J			
P2775-18	A4D47	Solid	Phenanthrene, 3,6-dimethyl- *	480.000	J			
P2775-18	A4D47	Solid	Phenanthrene, 4,5-dimethyl- *	230.000	J			
P2775-18	A4D47	Solid	Total Alkanes *	0.000	53		200	ug/Kg
Total Tics :				18,040.00				
P2775-18	A4D47	Solid	1,1-Biphenyl	140.000	J	53	200	ug/Kg
P2775-18	A4D47	Solid	1-Methylnaphthalene	360.000		22	200	ug/Kg
P2775-18	A4D47	Solid	2-Methylnaphthalene	450.000		43	200	ug/Kg
P2775-18	A4D47	Solid	Acenaphthene	1,900.000		58	200	ug/Kg
P2775-18	A4D47	Solid	Acenaphthylene	230.000		53	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2775-18	A4D47	Solid	Acetophenone	110.000	J	68	380	ug/Kg
P2775-18	A4D47	Solid	Anthracene	3,500.000	E	54	200	ug/Kg
P2775-18	A4D47	Solid	Benzo(a)anthracene	4,600.000	E	45	200	ug/Kg
P2775-18	A4D47	Solid	Benzo(a)pyrene	2,200.000		66	200	ug/Kg
P2775-18	A4D47	Solid	Benzo(b)fluoranthene	4,000.000	E	56	200	ug/Kg
P2775-18	A4D47	Solid	Benzo(g,h,i)perylene	230.000		53	200	ug/Kg
P2775-18	A4D47	Solid	Benzo(k)fluoranthene	1,700.000		67	200	ug/Kg
P2775-18	A4D47	Solid	Carbazole	1,300.000		71	380	ug/Kg
P2775-18	A4D47	Solid	Chrysene	4,500.000	E	53	200	ug/Kg
P2775-18	A4D47	Solid	Dibenzo(a,h)anthracene	670.000		60	200	ug/Kg
P2775-18	A4D47	Solid	Dibenzofuran	1,300.000		46	200	ug/Kg
P2775-18	A4D47	Solid	Fluoranthene	8,600.000	E	52	200	ug/Kg
P2775-18	A4D47	Solid	Fluorene	2,100.000		67	200	ug/Kg
P2775-18	A4D47	Solid	Indeno(1,2,3-cd)pyrene	1,500.000		52	200	ug/Kg
P2775-18	A4D47	Solid	Naphthalene	520.000		38	200	ug/Kg
P2775-18	A4D47	Solid	Phenanthrene	8,300.000	E	61	200	ug/Kg
P2775-18	A4D47	Solid	Pyrene	7,000.000	E	53	200	ug/Kg

Total Svoc : 55,210.00

Total Concentration: 73,250.00

Client ID : A4D48

P2775-19	A4D48	Solid	1,1-Biphenyl, 2,2,4,4-tetrachlo	*	200.000	J	
P2775-19	A4D48	Solid	1,1-Biphenyl, 2,2,5-trichloro-	*	200.000	J	
P2775-19	A4D48	Solid	1,1-Biphenyl, 2,2-dichloro-	*	130.000	J	
P2775-19	A4D48	Solid	1,1-Biphenyl, 2,3,3-trichloro-	*	380.000	J	
P2775-19	A4D48	Solid	1,1-Biphenyl, 2,3,5,5-tetrachlo	*	150.000	J	
P2775-19	A4D48	Solid	11H-Benzo[a]fluorene	*	210.000	J	
P2775-19	A4D48	Solid	11H-Benzo[b]fluorene	*	140.000	J	
P2775-19	A4D48	Solid	1H-Indene, 2-phenyl-	*	450.000	J	
P2775-19	A4D48	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph	*	230.000	J	
P2775-19	A4D48	Solid	4H-Cyclopenta[def]phenanthrene	*	1,400.000	J	
P2775-19	A4D48	Solid	6H-Dibenzo[b,d]-pyran	*	260.000	J	
P2775-19	A4D48	Solid	Acridine	*	270.000	J	
P2775-19	A4D48	Solid	Anthracene, 1,2,3,4-tetrahydro-	*	240.000	J	
P2775-19	A4D48	Solid	Anthracene, 1-methyl-	*	450.000	J	
P2775-19	A4D48	Solid	Benz[a]anthracene, 1-methyl-	*	120.000	J	
P2775-19	A4D48	Solid	Benzo[e]pyrene	*	670.000	J	
P2775-19	A4D48	Solid	Cyclopenta[cd]pyrene	*	160.000	J	
P2775-19	A4D48	Solid	di-p-Tolylacetylene	*	320.000	J	
P2775-19	A4D48	Solid	Dibenzothiophene	*	410.000	J	
P2775-19	A4D48	Solid	Diphenylmethane	*	160.000	J	

Hit Summary Sheet SW-846

SDG No.: BN062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2775-19	A4D48	Solid	Fluoranthene, 2-methyl-	*	170.000	J		
P2775-19	A4D48	Solid	Naphthalene, 2-phenyl-	*	520.000	J		
P2775-19	A4D48	Solid	Perylene	*	610.000	J		
P2775-19	A4D48	Solid	Phenanthrene, 1-methyl-	*	1,000.000	J		
P2775-19	A4D48	Solid	Phenanthrene, 2,5-dimethyl-	*	120.000	J		
P2775-19	A4D48	Solid	Phenanthrene, 2-methyl-	*	760.000	J		
P2775-19	A4D48	Solid	Phenanthrene, 4,5-dimethyl-	*	140.000	J		
P2775-19	A4D48	Solid	Pyrene, 1-methyl-	*	160.000	J		
P2775-19	A4D48	Solid	unknown-01	*	230.000	J		
P2775-19	A4D48	Solid	unknown-02	*	370.000	J		
P2775-19	A4D48	Solid	Total Alkanes	*	0.000	56	210	ug/Kg
Total Tics :				10,630.00				
P2775-19	A4D48	Solid	1,1-Biphenyl		56.000	J 56	210	ug/Kg
P2775-19	A4D48	Solid	1-Methylnaphthalene		120.000	J 23	210	ug/Kg
P2775-19	A4D48	Solid	2-Methylnaphthalene		160.000	J 45	210	ug/Kg
P2775-19	A4D48	Solid	Acenaphthene		790.000	61	210	ug/Kg
P2775-19	A4D48	Solid	Acenaphthylene		62.000	J 56	210	ug/Kg
P2775-19	A4D48	Solid	Acetophenone		120.000	J 72	400	ug/Kg
P2775-19	A4D48	Solid	Anthracene		2,200.000	57	210	ug/Kg
P2775-19	A4D48	Solid	Benzo(a)anthracene		3,300.000	E 47	210	ug/Kg
P2775-19	A4D48	Solid	Benzo(a)pyrene		1,500.000	69	210	ug/Kg
P2775-19	A4D48	Solid	Benzo(b)fluoranthene		2,900.000	58	210	ug/Kg
P2775-19	A4D48	Solid	Benzo(g,h,i)perylene		150.000	J 56	210	ug/Kg
P2775-19	A4D48	Solid	Benzo(k)fluoranthene		1,200.000	70	210	ug/Kg
P2775-19	A4D48	Solid	Carbazole		970.000	74	400	ug/Kg
P2775-19	A4D48	Solid	Chrysene		3,400.000	E 56	210	ug/Kg
P2775-19	A4D48	Solid	Dibenzo(a,h)anthracene		470.000	63	210	ug/Kg
P2775-19	A4D48	Solid	Dibenzofuran		640.000	49	210	ug/Kg
P2775-19	A4D48	Solid	Fluoranthene		6,100.000	E 55	210	ug/Kg
P2775-19	A4D48	Solid	Fluorene		930.000	70	210	ug/Kg
P2775-19	A4D48	Solid	Indeno(1,2,3-cd)pyrene		1,000.000	55	210	ug/Kg
P2775-19	A4D48	Solid	Naphthalene		310.000	40	210	ug/Kg
P2775-19	A4D48	Solid	Phenanthrene		5,700.000	E 64	210	ug/Kg
P2775-19	A4D48	Solid	Pyrene		4,900.000	E 56	210	ug/Kg
Total Svoc :				36,978.00				
Total Concentration:				47,608.00				
Client ID : A4D58								
P2775-21	A4D58	Solid	1,1-Biphenyl, 2,2-dichloro-	*	170.000	J		
P2775-21	A4D58	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	390.000	J		
P2775-21	A4D58	Solid	11H-Benzo[b]fluorene	*	180.000	J		

Hit Summary Sheet SW-846

SDG No.: BN062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2775-21	A4D58	Solid	1H-Cyclopropa[1]phenanthrene, 1a *	370.000	J			
P2775-21	A4D58	Solid	2,2,4,5-Tetrachloro-1,1-biphenyl *	200.000	J			
P2775-21	A4D58	Solid	2,3,4,5-Tetrachloro-1,1-bipheny *	150.000	J			
P2775-21	A4D58	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph *	190.000	J			
P2775-21	A4D58	Solid	4H-Cyclopenta[def]phenanthrene *	1,200.000	J			
P2775-21	A4D58	Solid	9,10-Anthracenedione *	240.000	J			
P2775-21	A4D58	Solid	9H-Fluoren-3-ol *	170.000	J			
P2775-21	A4D58	Solid	9H-Fluoren-9-one *	120.000	J			
P2775-21	A4D58	Solid	9H-Fluorene, 2-methyl- *	160.000	J			
P2775-21	A4D58	Solid	Anthracene, 1,2,3,4-tetrahydro- *	220.000	J			
P2775-21	A4D58	Solid	Anthracene, 1-methyl- *	360.000	J			
P2775-21	A4D58	Solid	Benzo[e]pyrene *	590.000	J			
P2775-21	A4D58	Solid	Cyclopenta[cd]pyrene *	150.000	J			
P2775-21	A4D58	Solid	di-p-Tolylacetylene *	280.000	J			
P2775-21	A4D58	Solid	Dibenzothiophene *	300.000	J			
P2775-21	A4D58	Solid	Fluoranthene, 2-methyl- *	140.000	J			
P2775-21	A4D58	Solid	Naphthalene, 2-phenyl- *	570.000	J			
P2775-21	A4D58	Solid	Naphtho[2,1-b]furan, 1,2-dimethy *	150.000	J			
P2775-21	A4D58	Solid	Perylene *	620.000	J			
P2775-21	A4D58	Solid	Phenanthrene, 1-methyl- *	800.000	J			
P2775-21	A4D58	Solid	Phenanthrene, 2-methyl- *	620.000	J			
P2775-21	A4D58	Solid	Phenanthrene, 3,6-dimethyl- *	100.000	J			
P2775-21	A4D58	Solid	Phenanthrene, 4,5-dimethyl- *	120.000	J			
P2775-21	A4D58	Solid	Pyrene, 1-methyl- *	120.000	J			
P2775-21	A4D58	Solid	Pyrene, 4-methyl- *	150.000	J			
P2775-21	A4D58	Solid	unknown-01 *	280.000	J			
P2775-21	A4D58	Solid	unknown-02 *	380.000	J			
P2775-21	A4D58	Solid	Total Alkanes *	0.000		56	210	ug/Kg
Total Tics :				9,490.00				
P2775-21	A4D58	Solid	1-Methylnaphthalene	73.000	J	23	210	ug/Kg
P2775-21	A4D58	Solid	2-Methylnaphthalene	99.000	J	45	210	ug/Kg
P2775-21	A4D58	Solid	Acenaphthene	510.000		61	210	ug/Kg
P2775-21	A4D58	Solid	Acenaphthylene	190.000	J	56	210	ug/Kg
P2775-21	A4D58	Solid	Acetophenone	100.000	J	72	400	ug/Kg
P2775-21	A4D58	Solid	Anthracene	1,800.000		57	210	ug/Kg
P2775-21	A4D58	Solid	Benzo(a)anthracene	3,100.000		47	210	ug/Kg
P2775-21	A4D58	Solid	Benzo(a)pyrene	1,600.000		69	210	ug/Kg
P2775-21	A4D58	Solid	Benzo(b)fluoranthene	3,000.000		58	210	ug/Kg
P2775-21	A4D58	Solid	Benzo(g,h,i)perylene	170.000	J	56	210	ug/Kg
P2775-21	A4D58	Solid	Benzo(k)fluoranthene	1,200.000		71	210	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2775-21	A4D58	Solid	Carbazole	590.000		74	400	ug/Kg
P2775-21	A4D58	Solid	Chrysene	3,100.000		56	210	ug/Kg
P2775-21	A4D58	Solid	Dibenzo(a,h)anthracene	470.000		63	210	ug/Kg
P2775-21	A4D58	Solid	Dibenzofuran	420.000		49	210	ug/Kg
P2775-21	A4D58	Solid	Fluoranthene	5,700.000	E	55	210	ug/Kg
P2775-21	A4D58	Solid	Fluorene	630.000		71	210	ug/Kg
P2775-21	A4D58	Solid	Indeno(1,2,3-cd)pyrene	1,100.000		55	210	ug/Kg
P2775-21	A4D58	Solid	Naphthalene	110.000	J	40	210	ug/Kg
P2775-21	A4D58	Solid	Phenanthrene	5,000.000	E	64	210	ug/Kg
P2775-21	A4D58	Solid	Pyrene	4,600.000	E	56	210	ug/Kg

Total Svoc : 33,562.00

Total Concentration: 43,052.00

Client ID : A4D56

P2775-24	A4D56	Solid	[1,1-Biphenyl]-4-carboxaldehyde *	300.000	J			
P2775-24	A4D56	Solid	1,1-Biphenyl, 2,2-dichloro- *	190.000	J			
P2775-24	A4D56	Solid	1-Isopropenylnaphthalene *	130.000	J			
P2775-24	A4D56	Solid	11H-Benzo[a]fluoren-11-one *	150.000	J			
P2775-24	A4D56	Solid	11H-Benzo[a]fluorene *	240.000	J			
P2775-24	A4D56	Solid	11H-Benzo[b]fluorene *	490.000	J			
P2775-24	A4D56	Solid	4,5-Dihydrobenzo[e]pyrene *	200.000	J			
P2775-24	A4D56	Solid	4H-Cyclopenta[def]phenanthrene *	300.000	J			
P2775-24	A4D56	Solid	7H-Benz[de]anthracen-7-one *	210.000	J			
P2775-24	A4D56	Solid	9-(Cyanomethylene)fluorene *	150.000	J			
P2775-24	A4D56	Solid	9-Cyanophenanthrene *	130.000	J			
P2775-24	A4D56	Solid	Anthracene, 1,2,3,4-tetrahydro- *	130.000	J			
P2775-24	A4D56	Solid	Anthracene, 1-methyl- *	140.000	J			
P2775-24	A4D56	Solid	Benz[a]anthracene, 8-methyl- *	250.000	J			
P2775-24	A4D56	Solid	Benzo(b)naphtho(1,2-d)furan *	170.000	J			
P2775-24	A4D56	Solid	Benzo[b]fluoranthene *	300.000	J			
P2775-24	A4D56	Solid	Benzo[b]naphtho[2,1-d]thiophene *	150.000	J			
P2775-24	A4D56	Solid	Benzo[b]naphtho[2,3-d]furan *	220.000	J			
P2775-24	A4D56	Solid	Benzo[b]triphenylene *	350.000	J			
P2775-24	A4D56	Solid	Cyclopenta(cd)pyrene, 3,4-dihydr *	150.000	J			
P2775-24	A4D56	Solid	Cyclopenta[cd]pyrene *	180.000	J			
P2775-24	A4D56	Solid	Dimethyl-[4-[2-(3-methylisoxazol *	150.000	J			
P2775-24	A4D56	Solid	Dinaphtho[1,2-b:1,2-d]furan *	220.000	J			
P2775-24	A4D56	Solid	Diphenylmethane *	130.000	J			
P2775-24	A4D56	Solid	Naphthalene, 1,7-dimethyl- *	220.000	J			
P2775-24	A4D56	Solid	Naphthalene, 2-phenyl- *	130.000	J			
P2775-24	A4D56	Solid	Perylene *	430.000	J			

Hit Summary Sheet SW-846

SDG No.: BN062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2775-24	A4D56	Solid	Phenanthrene, 1-methyl-	*	210.000	J		
P2775-24	A4D56	Solid	Phenanthrene, 2,5-dimethyl-	*	130.000	J		
P2775-24	A4D56	Solid	Phenanthrene, 2-methyl-	*	230.000	J		
P2775-24	A4D56	Solid	Pyrene, 1-methyl-	*	280.000	J		
P2775-24	A4D56	Solid	Pyrene, 2-methyl-	*	280.000	J		
P2775-24	A4D56	Solid	Pyrene, 4-methyl-	*	180.000	J		
P2775-24	A4D56	Solid	Total Alkanes	*	0.000	55	200	ug/Kg
Total Tics :				7,120.00				
P2775-24	A4D56	Solid	1,1-Biphenyl		730.000	55	200	ug/Kg
P2775-24	A4D56	Solid	1-Methylnaphthalene		2,000.000	23	200	ug/Kg
P2775-24	A4D56	Solid	2,4-Dimethylphenol		120.000	J 10	200	ug/Kg
P2775-24	A4D56	Solid	2-Methylnaphthalene		2,900.000	44	200	ug/Kg
P2775-24	A4D56	Solid	2-Methylphenol		63.000	J 46	390	ug/Kg
P2775-24	A4D56	Solid	4-Methylphenol		130.000	J 49	390	ug/Kg
P2775-24	A4D56	Solid	Acenaphthene		7,100.000	E 60	200	ug/Kg
P2775-24	A4D56	Solid	Acenaphthylene		330.000	55	200	ug/Kg
P2775-24	A4D56	Solid	Acetophenone		230.000	J 70	390	ug/Kg
P2775-24	A4D56	Solid	Anthracene		9,900.000	E 56	200	ug/Kg
P2775-24	A4D56	Solid	Benzo(a)anthracene		23,000.000	E 46	200	ug/Kg
P2775-24	A4D56	Solid	Benzo(a)pyrene		7,800.000	E 68	200	ug/Kg
P2775-24	A4D56	Solid	Benzo(b)fluoranthene		13,000.000	E 57	200	ug/Kg
P2775-24	A4D56	Solid	Benzo(g,h,i)perylene		1,000.000	55	200	ug/Kg
P2775-24	A4D56	Solid	Benzo(k)fluoranthene		5,900.000	E 69	200	ug/Kg
P2775-24	A4D56	Solid	Carbazole		7,200.000	E 73	390	ug/Kg
P2775-24	A4D56	Solid	Chrysene		21,000.000	E 55	200	ug/Kg
P2775-24	A4D56	Solid	Dibenzo(a,h)anthracene		2,700.000	62	200	ug/Kg
P2775-24	A4D56	Solid	Dibenzofuran		5,500.000	E 48	200	ug/Kg
P2775-24	A4D56	Solid	Fluoranthene		36,000.000	E 54	200	ug/Kg
P2775-24	A4D56	Solid	Fluorene		7,200.000	E 69	200	ug/Kg
P2775-24	A4D56	Solid	Indeno(1,2,3-cd)pyrene		6,000.000	E 54	200	ug/Kg
P2775-24	A4D56	Solid	Naphthalene		5,100.000	E 39	200	ug/Kg
P2775-24	A4D56	Solid	Phenanthrene		22,000.000	E 63	200	ug/Kg
P2775-24	A4D56	Solid	Phenol		100.000	J 54	390	ug/Kg
P2775-24	A4D56	Solid	Pyrene		27,000.000	E 55	200	ug/Kg
Total Svoc :				214,003.00				
Total Concentration:				221,123.00				

Client ID : A4B95

P2776-07	A4B95	Solid	(DEL) Alkane: Cyclic20.951	*	240.000	J		
P2776-07	A4B95	Solid	(DEL) Alkane: Straight-Chain3.07	*	740.000	J		
P2776-07	A4B95	Solid	n-Hexadecanoic acid	*	230.000	J		

Hit Summary Sheet

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SDG No.: BN062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units	
P2776-07	A4B95	Solid	unknown-01	*	110.000	J			
P2776-07	A4B95	Solid	Total Alkanes	*	980.000	63	230	ug/Kg	
			Total Tics :		2,300.00				
P2776-07	A4B95	Solid	Benzo(a)anthracene		54.000	J	54	230	ug/Kg
P2776-07	A4B95	Solid	Benzo(b)fluoranthene		72.000	J	66	230	ug/Kg
P2776-07	A4B95	Solid	Fluoranthene		110.000	J	62	230	ug/Kg
P2776-07	A4B95	Solid	Pyrene		65.000	J	63	230	ug/Kg
			Total Svoc :		301.00				
			Total Concentration:		2,601.00				
Client ID :	C0AA3								
P2899-01	C0AA3	Solid	(DEL) Alkane: Straight-Chain20.9	*	110.000	J			
P2899-01	C0AA3	Solid	n-Hexadecanoic acid	*	89.000	J			
P2899-01	C0AA3	Solid	Total Alkanes	*	110.000	47	170	ug/Kg	
			Total Tics :		309.00				
			Total Concentration:		309.00				
Client ID :	C0AA4								
P2899-02	C0AA4	Solid	(9E,11E)-Octadecadienoic acid	*	180.000	J			
P2899-02	C0AA4	Solid	(DEL) Alkane: Cyclic20.951	*	600.000	J			
P2899-02	C0AA4	Solid	(DEL) Alkane: Straight-Chain22.0	*	3,100.000	J			
P2899-02	C0AA4	Solid	(DEL) Alkane: Straight-Chain23.0	*	1,500.000	J			
P2899-02	C0AA4	Solid	.gamma.-Sitosterol	*	1,400.000	J			
P2899-02	C0AA4	Solid	1,19-Eicosadiene	*	2,100.000	J			
P2899-02	C0AA4	Solid	1,3-Heptadiene, 2,3-dimethyl-	*	160.000	J			
P2899-02	C0AA4	Solid	2-Phenanthrenol, 4b,5,6,7,8,8a,9,10	*	290.000	J			
P2899-02	C0AA4	Solid	Benzeneacetic acid	*	180.000	J			
P2899-02	C0AA4	Solid	Docosanal	*	1,100.000	J			
P2899-02	C0AA4	Solid	n-Hexadecanoic acid	*	520.000	J			
P2899-02	C0AA4	Solid	Octadecanal	*	230.000	J			
P2899-02	C0AA4	Solid	Octadecanoic acid	*	240.000	J			
P2899-02	C0AA4	Solid	Oxirane, hexadecyl-	*	1,700.000	J			
P2899-02	C0AA4	Solid	Phenol, p-tert-butyl-	*	170.000	J			
P2899-02	C0AA4	Solid	Triacetyl acetate	*	1,000.000	J			
P2899-02	C0AA4	Solid	unknown-01	*	180.000	J			
P2899-02	C0AA4	Solid	Total Alkanes	*	5,200.000	49	180	ug/Kg	
			Total Tics :		19,850.00				
P2899-02	C0AA4	Solid	Bis(2-ethylhexyl)phthalate		78.000	J	46	180	ug/Kg
			Total Svoc :		78.00				
			Total Concentration:		19,928.00				
Client ID :	C0AA6								

Hit Summary Sheet SW-846

SDG No.: BN062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2899-04	C0AA6	Solid	(1R,4R,5S)-1,8-Dimethyl-4-(prop *	640.000	J			
P2899-04	C0AA6	Solid	(2S,4aR,8aR)-4a,8-Dimethyl-2-(p *	100.000	J			
P2899-04	C0AA6	Solid	(DEL) Alkane: Straight-Chain19.5 *	78.000	J			
P2899-04	C0AA6	Solid	1,4-Methano-1H-indene, octahydr *	190.000	J			
P2899-04	C0AA6	Solid	1-Heneicosanol	350.000	J			
P2899-04	C0AA6	Solid	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1 *	610.000	J			
P2899-04	C0AA6	Solid	3-Isopropyl-6,8a-dimethyl-1,2,4,5 *	150.000	J			
P2899-04	C0AA6	Solid	4,4-Bis(tetrahydrothiopyran) *	1,100.000	J			
P2899-04	C0AA6	Solid	9(1H)-Phenanthrenone, 2,3,4,4a,1 *	200.000	J			
P2899-04	C0AA6	Solid	9-Octadecenoic acid	200.000	J			
P2899-04	C0AA6	Solid	Cedrol	990.000	J			
P2899-04	C0AA6	Solid	cis-Thujopsene	120.000	J			
P2899-04	C0AA6	Solid	Cycloisolongifolene, 9,10-dehydr *	160.000	J			
P2899-04	C0AA6	Solid	Di-epi-.alpha.-cedrene	470.000	J			
P2899-04	C0AA6	Solid	Limonene	390.000	J			
P2899-04	C0AA6	Solid	Longifolene	1,700.000	J			
P2899-04	C0AA6	Solid	Lupeol	1,900.000	J			
P2899-04	C0AA6	Solid	n-Hexadecanoic acid	580.000	J			
P2899-04	C0AA6	Solid	Naphthalene, 1,2,3,5,6,7,8,8a-octa *	180.000	J			
P2899-04	C0AA6	Solid	Naphthalene, 2,3,4,4a,5,6-hexahy *	170.000	J			
P2899-04	C0AA6	Solid	Octadecanoic acid	170.000	J			
P2899-04	C0AA6	Solid	Phenanthrene, 1,2,3,4,4a,9,10,10a *	200.000	J			
P2899-04	C0AA6	Solid	unknown-01	89.000	J			
P2899-04	C0AA6	Solid	unknown-02	150.000	J			
P2899-04	C0AA6	Solid	unknown-03	180.000	J			
P2899-04	C0AA6	Solid	unknown-04	4,100.000	J			
P2899-04	C0AA6	Solid	unknown-05	1,200.000	J			
P2899-04	C0AA6	Solid	Total Alkanes	78.000		54	200	ug/Kg
Total Tics :				16,445.00				
Total Concentration:				16,445.00				

Client ID : C0AA7

P2899-05	C0AA7	Solid	(1S)-2,6,6-Trimethylbicyclo[3.1.1 *	110.000	J			
P2899-05	C0AA7	Solid	(DEL) Alkane: Cyclic22.033	320.000	J			
P2899-05	C0AA7	Solid	1-Heneicosyl formate	290.000	J			
P2899-05	C0AA7	Solid	1H-Naphtho[2,1-b]pyran, 3-ethen *	180.000	J			
P2899-05	C0AA7	Solid	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1 *	440.000	J			
P2899-05	C0AA7	Solid	4,4-Bis(tetrahydrothiopyran) *	280.000	J			
P2899-05	C0AA7	Solid	Benzeneacetic acid	81.000	J			
P2899-05	C0AA7	Solid	Dehydroabietic acid	280.000	J			
P2899-05	C0AA7	Solid	n-Hexadecanoic acid	200.000	J			

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SDG No.: BN062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2899-05	C0AA7	Solid	Octadecanoic acid	*	220.000	J		
P2899-05	C0AA7	Solid	unknown-01	*	160.000	J		
P2899-05	C0AA7	Solid	Total Alkanes	*	320.000	54	200	ug/Kg
Total Tics :					2,881.00			
Total Concentration:					2,881.00			
Client ID : C0AA8								
P2899-06	C0AA8	Solid	n-Hexadecanoic acid	*	82.000	J		
P2899-06	C0AA8	Solid	Total Alkanes	*	0.000	47	170	ug/Kg
Total Tics :					82.00			
Total Concentration:					82.00			
Client ID : C0AA9								
P2899-07	C0AA9	Solid	Benzaldehyde, 5-(1,1-dimethyleth	*	330.000	J		
P2899-07	C0AA9	Solid	Benzene, 1,3-bis(1,1-dimethylethy	*	89.000	J		
P2899-07	C0AA9	Solid	n-Hexadecanoic acid	*	250.000	J		
P2899-07	C0AA9	Solid	Octadecanoic acid	*	110.000	J		
P2899-07	C0AA9	Solid	Oxalic acid, isobutyl hexadecyl es	*	200.000	J		
P2899-07	C0AA9	Solid	Phenol, p-tert-butyl-	*	630.000	J		
P2899-07	C0AA9	Solid	unknown-01	*	160.000	J		
P2899-07	C0AA9	Solid	Total Alkanes	*	0.000	48	180	ug/Kg
Total Tics :					1,769.00			
P2899-07	C0AA9	Solid	Bis(2-ethylhexyl)phthalate		68.000	J 45	180	ug/Kg
Total Svoc :					68.00			
Total Concentration:					1,837.00			
Client ID : C0AB0								
P2899-08	C0AB0	Solid	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	*	100.000	J		
P2899-08	C0AB0	Solid	Ethanol, 2-(tetradecyloxy)-	*	110.000	J		
P2899-08	C0AB0	Solid	n-Hexadecanoic acid	*	210.000	J		
P2899-08	C0AB0	Solid	Octadecanoic acid	*	110.000	J		
P2899-08	C0AB0	Solid	Supraene	*	170.000	J		
P2899-08	C0AB0	Solid	trans-13-Octadecenoic acid	*	410.000	J		
P2899-08	C0AB0	Solid	Total Alkanes	*	0.000	56	210	ug/Kg
Total Tics :					1,110.00			
Total Concentration:					1,110.00			
Client ID : C0AB1								
P2899-09	C0AB1	Solid	(1S,2S,8aR)-1-((Z)-5-Hydroxy-3-	*	90.000	J		
P2899-09	C0AB1	Solid	.alpha.-Pinene	*	160.000	J		
P2899-09	C0AB1	Solid	.beta.-Pinene	*	150.000	J		
P2899-09	C0AB1	Solid	2-Octenal, (E)-	*	420.000	J		
P2899-09	C0AB1	Solid	Benzeneacetic acid	*	180.000	J		

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SDG No.: BN062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2899-09	C0AB1	Solid	n-Hexadecanoic acid	*	800.000	J		
P2899-09	C0AB1	Solid	Octadecanoic acid	*	290.000	J		
P2899-09	C0AB1	Solid	unknown-01	*	210.000	J		
P2899-09	C0AB1	Solid	Total Alkanes	*	0.000	60	220	ug/Kg
			Total Tics :		2,300.00			
P2899-09	C0AB1	Solid	Acetophenone		110.000	J 77	430	ug/Kg
			Total Svoc :		110.00			
			Total Concentration:		2,410.00			
Client ID : C0AB2								
P2899-10	C0AB2	Solid	((1R,4aR,4bR,10aR)-7-Isopropyl-	*	330.000	J		
P2899-10	C0AB2	Solid	(1S)-2,6,6-Trimethylbicyclo[3.1.1	*	190.000	J		
P2899-10	C0AB2	Solid	(DEL) Alkane: Cyclic20.951	*	330.000	J		
P2899-10	C0AB2	Solid	(DEL) Alkane: Straight-Chain21.5	*	83.000	J		
P2899-10	C0AB2	Solid	(DEL) Alkane: Straight-Chain25.1	*	620.000	J		
P2899-10	C0AB2	Solid	Anthracene, 1-methyl-	*	77.000	J		
P2899-10	C0AB2	Solid	Behenic alcohol	*	380.000	J		
P2899-10	C0AB2	Solid	Benzoic acid	*	120.000	J		
P2899-10	C0AB2	Solid	Dibenzoylmethane	*	230.000	J		
P2899-10	C0AB2	Solid	n-Hexadecanoic acid	*	430.000	J		
P2899-10	C0AB2	Solid	Octadecanoic acid	*	170.000	J		
P2899-10	C0AB2	Solid	unknown-01	*	160.000	J		
P2899-10	C0AB2	Solid	unknown-02	*	190.000	J		
P2899-10	C0AB2	Solid	unknown-03	*	88.000	J		
P2899-10	C0AB2	Solid	Total Alkanes	*	1,000.000	53	190	ug/Kg
			Total Tics :		4,398.00			
P2899-10	C0AB2	Solid	Acenaphthylene		130.000	J 53	190	ug/Kg
P2899-10	C0AB2	Solid	Acetophenone		430.000	67	380	ug/Kg
P2899-10	C0AB2	Solid	Anthracene		86.000	J 54	190	ug/Kg
P2899-10	C0AB2	Solid	Benzaldehyde		61.000	J 55	380	ug/Kg
P2899-10	C0AB2	Solid	Benzo(a)anthracene		120.000	J 45	190	ug/Kg
P2899-10	C0AB2	Solid	Benzo(a)pyrene		94.000	J 65	190	ug/Kg
P2899-10	C0AB2	Solid	Benzo(b)fluoranthene		170.000	J 55	190	ug/Kg
P2899-10	C0AB2	Solid	Bis(2-ethylhexyl)phthalate		150.000	J 49	190	ug/Kg
P2899-10	C0AB2	Solid	Butylbenzylphthalate		120.000	J 49	190	ug/Kg
P2899-10	C0AB2	Solid	Chrysene		140.000	J 53	190	ug/Kg
P2899-10	C0AB2	Solid	Fluoranthene		160.000	J 51	190	ug/Kg
P2899-10	C0AB2	Solid	Indeno(1,2,3-cd)pyrene		92.000	J 51	190	ug/Kg
P2899-10	C0AB2	Solid	Phenanthrene		120.000	J 61	190	ug/Kg
P2899-10	C0AB2	Solid	Phenol		87.000	J 51	380	ug/Kg
P2899-10	C0AB2	Solid	Pyrene		200.000	53	190	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Svoc :					2,160.00			
Total Concentration:					6,558.00			
Client ID : C0AB3								
P2899-11	C0AB3	Solid	(1R,4aR,8aR)-2,5,5,8a-Tetramethy *	220.000	J			
P2899-11	C0AB3	Solid	(1R,4R,5S)-1,8-Dimethyl-4-(prop *	390.000	J			
P2899-11	C0AB3	Solid	(DEL) Alkane: Cyclic22.021 *	900.000	J			
P2899-11	C0AB3	Solid	(DEL) Alkane: Cyclic23.404 *	400.000	J			
P2899-11	C0AB3	Solid	(DEL) Alkane: Cyclic25.298 *	290.000	J			
P2899-11	C0AB3	Solid	(DEL) Alkane: Straight-Chain23.2 *	260.000	J			
P2899-11	C0AB3	Solid	(DEL) Alkane: Straight-Chain25.1 *	680.000	J			
P2899-11	C0AB3	Solid	(E)-Hexadec-9-enoic acid *	120.000	J			
P2899-11	C0AB3	Solid	.gamma.-Muurolene *	150.000	J			
P2899-11	C0AB3	Solid	.gamma.-Sitosterol *	1,100.000	J			
P2899-11	C0AB3	Solid	1-Heneicosyl formate *	430.000	J			
P2899-11	C0AB3	Solid	1H-Benzocyclohepten-7-ol, 2,3,4, *	100.000	J			
P2899-11	C0AB3	Solid	1H-Benzocycloheptene, 2,4a,5,6,7 *	150.000	J			
P2899-11	C0AB3	Solid	1H-Cyclopenta[1,3]cyclopropa[1, *	190.000	J			
P2899-11	C0AB3	Solid	1H-Cycloprop[e]azulen-4-ol, deca *	1,100.000	J			
P2899-11	C0AB3	Solid	2(1H)-Phenanthrenone, 3,4,4a,9,1 *	92.000	J			
P2899-11	C0AB3	Solid	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1 *	620.000	J			
P2899-11	C0AB3	Solid	3-Isopropyl-6,8a-dimethyl-1,2,4,5 *	320.000	J			
P2899-11	C0AB3	Solid	4,4-Bis(tetrahydrothiopyran) *	640.000	J			
P2899-11	C0AB3	Solid	Camphene *	280.000	J			
P2899-11	C0AB3	Solid	Cedrol *	730.000	J			
P2899-11	C0AB3	Solid	cis-Thujopsene *	550.000	J			
P2899-11	C0AB3	Solid	Copaene *	240.000	J			
P2899-11	C0AB3	Solid	Disparlure *	91.000	J			
P2899-11	C0AB3	Solid	Longifolene *	2,600.000	J			
P2899-11	C0AB3	Solid	m-Camphorene *	170.000	J			
P2899-11	C0AB3	Solid	n-Hexadecanoic acid *	680.000	J			
P2899-11	C0AB3	Solid	Octadecanoic acid *	170.000	J			
P2899-11	C0AB3	Solid	Oleic Acid *	140.000	J			
P2899-11	C0AB3	Solid	Oxirane, hexadecyl- *	180.000	J			
P2899-11	C0AB3	Solid	Pentanedioic acid, dimethyl ester *	87.000	J			
P2899-11	C0AB3	Solid	Phenanthrene, 1,2,3,4,4a,9,10,10a *	130.000	J			
P2899-11	C0AB3	Solid	unknown-01 *	160.000	J			
P2899-11	C0AB3	Solid	unknown-02 *	3,000.000	J			
P2899-11	C0AB3	Solid	unknown-03 *	440.000	J			
P2899-11	C0AB3	Solid	Total Alkanes *	2,500.000		55	200	ug/Kg
Total Tics :					20,300.00			

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SDG No.: BN062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				20,300.00				
Client ID :	C0AB6							
P2899-14	C0AB6	Solid	.alpha.-Pinene	*	130.000	J		
P2899-14	C0AB6	Solid	1-Phenoxypropan-2-ol	*	100.000	J		
P2899-14	C0AB6	Solid	Dehydroabietic acid	*	100.000	J		
P2899-14	C0AB6	Solid	Methyl dehydroabietate	*	84.000	J		
P2899-14	C0AB6	Solid	n-Hexadecanoic acid	*	240.000	J		
P2899-14	C0AB6	Solid	Octadecanoic acid	*	140.000	J		
P2899-14	C0AB6	Solid	unknown-01	*	200.000	J		
P2899-14	C0AB6	Solid	Total Alkanes	*	0.000	58	210	ug/Kg
Total Tics :				994.00				
Total Concentration:				994.00				
Client ID :	C0AB7							
P2899-17	C0AB7	Solid	(DEL) Alkane: Cyclic23.404	*	540.000	J		
P2899-17	C0AB7	Solid	(DEL) Alkane: Straight-Chain23.4	*	1,300.000	J		
P2899-17	C0AB7	Solid	(E)-Hexadec-9-enoic acid	*	87.000	J		
P2899-17	C0AB7	Solid	.alpha.-Pinene	*	180.000	J		
P2899-17	C0AB7	Solid	.gamma.-Sitosterol	*	2,400.000	J		
P2899-17	C0AB7	Solid	1H-Naphtho[2,1-b]pyran, 3-ethenyl	*	200.000	J		
P2899-17	C0AB7	Solid	2-Phenanthrenol, 4b,5,6,7,8,8a,9,10	*	650.000	J		
P2899-17	C0AB7	Solid	4,4-Bis(tetrahydrothiopyran)	*	300.000	J		
P2899-17	C0AB7	Solid	9,12-Octadecadienoic acid (Z,Z)-	*	130.000	J		
P2899-17	C0AB7	Solid	Allyltrivinylsilane	*	150.000	J		
P2899-17	C0AB7	Solid	Behenic alcohol	*	1,900.000	J		
P2899-17	C0AB7	Solid	Benzeneacetic acid	*	530.000	J		
P2899-17	C0AB7	Solid	Decanoic acid, 10-(2-hexylcyclopentyl)	*	200.000	J		
P2899-17	C0AB7	Solid	Dehydroabietic acid	*	2,400.000	J		
P2899-17	C0AB7	Solid	Docosane, 1-iodo-	*	880.000	J		
P2899-17	C0AB7	Solid	Heptacosyl acetate	*	1,400.000	J		
P2899-17	C0AB7	Solid	Isopimaric acid	*	250.000	J		
P2899-17	C0AB7	Solid	n-Hexadecanoic acid	*	760.000	J		
P2899-17	C0AB7	Solid	Octacosanol	*	1,400.000	J		
P2899-17	C0AB7	Solid	Octadecanal	*	320.000	J		
P2899-17	C0AB7	Solid	Octadecane, 1-iodo-	*	120.000	J		
P2899-17	C0AB7	Solid	Octadecanoic acid	*	530.000	J		
P2899-17	C0AB7	Solid	Oleic Acid	*	150.000	J		
P2899-17	C0AB7	Solid	Oxirane, hexadecyl-	*	760.000	J		
P2899-17	C0AB7	Solid	Palmitoleic acid	*	82.000	J		
P2899-17	C0AB7	Solid	Phenanthrene, 7-ethenyl-1,2,3,4,4a	*	95.000	J		

Hit Summary Sheet SW-846

SDG No.: BN062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2899-17	C0AB7	Solid	Tetracosanal	*	950.000	J		
P2899-17	C0AB7	Solid	Tetracosanoic acid	*	450.000	J		
P2899-17	C0AB7	Solid	unknown-01	*	200.000	J		
P2899-17	C0AB7	Solid	unknown-02	*	120.000	J		
P2899-17	C0AB7	Solid	unknown-03	*	95.000	J		
P2899-17	C0AB7	Solid	unknown-04	*	220.000	J		
P2899-17	C0AB7	Solid	Total Alkanes	*	1,800.000	53	200	ug/Kg
Total Tics :				21,549.00				
P2899-17	C0AB7	Solid	Acetophenone		190.000	J 68	380	ug/Kg
P2899-17	C0AB7	Solid	Pentachlorophenol		110.000	J 44	380	ug/Kg
Total Svoc :				300.00				
Total Concentration:				21,849.00				
Client ID : C0AB9								
P2899-18	C0AB9	Solid	1-Phenoxypropan-2-ol	*	96.000	J		
P2899-18	C0AB9	Solid	1H-Naphtho[2,1-b]pyran, 3-ethenyl	*	200.000	J		
P2899-18	C0AB9	Solid	2-Phenanthrenol, 4b,5,6,7,8,8a,9,10	*	650.000	J		
P2899-18	C0AB9	Solid	4,4-Bis(tetrahydrothiopyran)	*	410.000	J		
P2899-18	C0AB9	Solid	Behenic alcohol	*	480.000	J		
P2899-18	C0AB9	Solid	Benzeneacetic acid	*	230.000	J		
P2899-18	C0AB9	Solid	Dehydroabietic acid	*	440.000	J		
P2899-18	C0AB9	Solid	n-Hexadecanoic acid	*	460.000	J		
P2899-18	C0AB9	Solid	Octadecanoic acid	*	350.000	J		
P2899-18	C0AB9	Solid	unknown-01	*	210.000	J		
P2899-18	C0AB9	Solid	Total Alkanes	*	0.000	56	210	ug/Kg
Total Tics :				3,526.00				
P2899-18	C0AB9	Solid	Acetophenone		140.000	J 71	400	ug/Kg
P2899-18	C0AB9	Solid	Bis(2-ethylhexyl)phthalate		71.000	J 52	210	ug/Kg
Total Svoc :				211.00				
Total Concentration:				3,737.00				
Client ID : E1G64								
P2961-01	E1G64	Water	Total Alkanes	*	0.000	1.9	5	ug/L
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID : E1G86								
P2961-02	E1G86	Water	Total Alkanes	*	0.000	1.9	5	ug/L
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID : E1G87								
P2961-03	E1G87	Water	Total Alkanes	*	0.000	1.9	5	ug/L

Hit Summary Sheet SW-846

SDG No.: BN062224

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
		Total Tics :			0.00		
		Total Concentration:			0.00		
Client ID :	E1G88						
P2961-04	E1G88	Water	Total Alkanes	*	0.000	1.9	5 ug/L
		Total Tics :			0.00		
		Total Concentration:			0.00		
Client ID :	E08C0						
P3017-01	E08C0	Water	Total Alkanes	*	0.000	1.9	5 ug/L
		Total Tics :			0.00		
		Total Concentration:			0.00		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN052924 SAS No.: BN052924 SDG No.: BN052924
Instrument ID: _____ Calibration Date(s): 5/29/2024 : _____
Calibration Time(s): 11:20 _____

LAB FILE ID:		RRFAL1 = BN031685.D		RRFAL2 = BN031686.D		RRFAL3 = BN031687.D		
		RRFAL4 = BN031688.D		RRFAL5 = BN031689.D		RRFAL6 = BN031690.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.531	0.496	0.548	0.513	0.499		0.517	4.3
Benzaldehyde		0.953	1.012	0.913	0.671	0.472	0.804	28.2
Pyridine		1.351	1.490	1.414	1.334	1.214	1.361	7.5
Hexachloroethane	0.565	0.566	0.622	0.581	0.565		0.580	4.2
Nitrobenzene	0.344	0.362	0.390	0.371	0.355		0.364	4.8
Isophorone	0.719	0.753	0.803	0.748	0.714		0.747	4.8
2-Nitrophenol	0.153	0.162	0.185	0.182	0.180		0.173	8.2
2,4-Dimethylphenol	0.321	0.325	0.362	0.340	0.330		0.336	4.9
Bis(2-Chloroethoxy)methane	0.458	0.469	0.497	0.463	0.441		0.466	4.4
2,4-Dichlorophenol	0.276	0.290	0.310	0.293	0.286		0.291	4.3
Naphthalene	1.025	1.062	1.101	1.025	0.962		1.035	5.0
4-Chloroaniline		0.452	0.470	0.438	0.418	0.348	0.425	11.1
Hexachlorobutadiene	0.171	0.178	0.183	0.172	0.170		0.175	3.2
Phenol		1.728	1.889	1.803	1.745	1.560	1.745	6.9
Caprolactam		0.108	0.122	0.117	0.117	0.104	0.114	6.4
4-Chloro-3-methylphenol	0.316	0.335	0.366	0.349	0.336		0.340	5.5
1-Methylnaphthalene	0.721	0.726	0.761	0.694	0.647		0.710	6.0
2-Methylnaphthalene	0.705	0.724	0.758	0.698	0.653		0.708	5.4
Hexachlorocyclopentadiene		0.291	0.308	0.319	0.317	0.290	0.305	4.6
2,4,6-Trichlorophenol	0.326	0.352	0.376	0.378	0.363		0.359	5.9
2,4,5-Trichlorophenol	0.358	0.384	0.418	0.391	0.399		0.390	5.6
1,1-Biphenyl	1.423	1.449	1.477	1.398	1.287		1.407	5.2
2-Chloronaphthalene	1.099	1.127	1.156	1.096	1.031		1.102	4.2
2-Nitroaniline	0.282	0.308	0.340	0.338	0.329		0.319	7.7
Bis(2-Chloroethyl)ether		1.471	1.589	1.486	1.416	1.252	1.443	8.6
Dimethylphthalate	1.423	1.447	1.506	1.448	1.302		1.425	5.3
2,6-Dinitrotoluene	0.241	0.268	0.301	0.305	0.302		0.283	9.8
Acenaphthylene	1.808	1.886	1.947	1.796	1.616		1.811	6.9
3-Nitroaniline		0.298	0.335	0.320	0.298	0.262	0.303	9.1
Acenaphthene	1.206	1.239	1.266	1.189	1.089		1.198	5.7
2,4-Dinitrophenol		0.105	0.130	0.141	0.165	0.174	0.143	19.2
4-Nitrophenol		0.206	0.222	0.215	0.206	0.186	0.207	6.6
Dibenzofuran	1.657	1.686	1.724	1.610	1.461		1.628	6.3
2,4-Dinitrotoluene	0.360	0.394	0.451	0.440	0.432		0.416	9.1
Diethylphthalate	1.443	1.495	1.568	1.478	1.367		1.470	5.0
2-Chlorophenol	1.308	1.331	1.461	1.393	1.351		1.369	4.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052924 SAS No.: BN052924 SDG No.: BN052924

Instrument ID: _____ Calibration Date(s): 5/29/2024 : _____

Calibration Time(s): 11:20 _____

LAB FILE ID:		RRFAL1 = BN031685.D		RRFAL2 = BN031686.D		RRFAL3 = BN031687.D		
		RRFAL4 = BN031688.D		RRFAL5 = BN031689.D		RRFAL6 = BN031690.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.409	1.416	1.415	1.271	1.042		1.311	12.4
4-Chlorophenyl-phenylether	0.676	0.682	0.697	0.609	0.509		0.635	12.3
4-Nitroaniline		0.298	0.331	0.312	0.272	0.228	0.288	13.9
4,6-Dinitro-2-methylphenol		0.092	0.106	0.115	0.115	0.107	0.107	8.5
N-Nitrosodiphenylamine	0.559	0.563	0.579	0.562	0.493		0.551	6.1
1,2,4,5-Tetrachlorobenzene	0.511	0.537	0.557	0.532	0.506		0.529	3.9
4-Bromophenyl-phenylether	0.194	0.194	0.200	0.192	0.189		0.194	2.0
Hexachlorobenzene	0.218	0.219	0.229	0.223	0.210		0.220	3.1
Atrazine		0.199	0.186	0.188	0.163	0.135	0.174	14.6
Pentachlorophenol		0.129	0.151	0.152	0.145	0.126	0.141	8.7
2-Methylphenol		1.310	1.468	1.383	1.359	1.218	1.348	6.8
Phenanthrene	1.054	1.065	1.074	1.027	0.873		1.019	8.2
Pentachlorobenzene	0.251	0.254	0.262	0.253	0.233		0.251	4.3
Anthracene	1.076	1.091	1.099	1.029	0.867		1.032	9.3
1,2,3,4-Tetrachlorobenzene	0.250	0.255	0.265	0.268	0.249		0.257	3.3
Carbazole		0.990	1.013	0.961	0.838	0.601	0.880	19.3
Di-n-butylphthalate	1.217	1.245	1.351	1.264	0.978		1.211	11.5
Fluoranthene	1.268	1.276	1.383	1.276	1.192		1.279	5.3
Pyrene	1.327	1.359	1.433	1.283	1.160		1.312	7.7
Butylbenzylphthalate	0.562	0.593	0.668	0.648	0.628		0.620	6.9
3,3-Dichlorobenzidine		0.407	0.456	0.427	0.357	0.270	0.384	19.1
2,2-oxybis (1-Chloropropane)		1.716	1.852	1.714	1.618	1.403	1.661	10.0
Benzo (a) anthracene	1.343	1.341	1.401	1.358	1.250		1.339	4.1
Chrysene	1.289	1.242	1.352	1.233	1.136		1.250	6.4
Bis (2-ethylhexyl) phthalate	0.918	0.915	0.999	0.907	0.779		0.904	8.8
Di-n-octyl phthalate		1.410	1.513	1.498	1.285	0.989	1.339	16.1
Benzo (b) fluoranthene	1.133	1.220	1.258	1.200	1.167		1.195	4.0
Benzo (k) fluoranthene	1.161	1.236	1.224	1.175	1.068		1.173	5.7
Benzo (a) pyrene	1.064	1.169	1.160	1.160	1.045		1.120	5.3
Indeno (1,2,3-cd) pyrene	1.209	1.366	1.325	1.348	1.204		1.290	6.0
Dibenzo (a,h) anthracene	1.001	1.092	1.083	1.100	0.991		1.053	5.0
Benzo (g,h,i) perylene	0.980	1.073	1.061	1.073	0.941		1.026	6.0
Acetophenone		2.256	2.403	2.175	2.033	1.723	2.118	12.2
2,3,4,6-Tetrachlorophenol	0.302	0.319	0.345	0.337	0.329		0.326	5.2
1,4-Dioxane-d8	0.484	0.475	0.515	0.479	0.464		0.483	4.0
Pyridine-d5		1.285	1.496	1.427	1.355	1.241	1.361	7.6

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.: BN052924 SAS No.: BN052924 SDG No.: BN052924
Instrument ID: _____ Calibration Date(s): 5/29/2024 : _____
Calibration Time(s): 11:20 _____

LAB FILE ID:		RRFAL1 = BN031685.D			RRFAL2 = BN031686.D		RRFAL3 = BN031687.D	
		RRFAL4 = BN031688.D			RRFAL5 = BN031689.D		RRFAL6 = BN031690.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.654	1.844	1.767	1.731	1.578	1.715	6.0
Bis-(2-Chloroethyl)ether-d8		1.029	1.105	1.033	0.981	0.866	1.003	8.8
2-Chlorophenol-d4	1.237	1.250	1.398	1.331	1.325		1.308	5.0
4-Methylphenol-d8		1.355	1.512	1.417	1.406	1.298	1.398	5.7
Nitrobenzene-d5	0.139	0.146	0.164	0.158	0.158		0.153	6.6
2-Nitrophenol-d4	0.135	0.145	0.169	0.168	0.173		0.158	10.7
2,4-Dichlorophenol-d3	0.275	0.285	0.317	0.305	0.293		0.295	5.6
4-Chloroaniline-d4		0.463	0.480	0.449	0.430	0.368	0.438	9.9
4-Methylphenol		1.431	1.597	1.506	1.442	1.329	1.461	6.8
Dimethylphthalate-d6	1.378	1.420	1.468	1.396	1.306		1.393	4.3
Acenaphthylene-d8	1.567	1.625	1.705	1.614	1.500		1.602	4.7
4-Nitrophenol-d4		0.268	0.299	0.293	0.280	0.254	0.279	6.6
Fluorene-d10	1.196	1.202	1.255	1.178	1.064		1.179	6.0
4,6-Dinitro-2-methylphenol-		0.083	0.098	0.106	0.111	0.105	0.101	10.9
Anthracene-d10	0.865	0.889	0.919	0.857	0.750		0.856	7.5
Pyrene-d10	1.036	1.062	1.143	1.067	1.043		1.070	4.0
Benzo(a)pyrene-d12	0.878	0.988	0.974	0.995	0.941		0.955	5.0
N-Nitroso-di-n-propylamine	1.078	1.122	1.207	1.093	0.988		1.098	7.2

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.: BN062224 SAS No.: BN062224 SDG NO.: BN062224

EPA Sample No.: SSTD020205 Date Analyzed: Jun 22 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 10:39

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	537524	7.687	2.44038e+01	10.47	1.62391e+001	14.33
	UPPER LIMIT	1075048	8.187	4880760	10.969	3247820	14.828
	LOWER LIMIT	268762	7.187	1220190	9.969	811955	13.828
	EPA SAMPLE NO.						
01	SBLK647	309277	7.63	1.31279e	10.41	884849	14.28
02	E1G64	285013	7.63	1.14911e *	10.41	703782 *	14.28
03	E1G86	317956	7.63	1.30811e	10.41	830699	14.28
04	E1G87	374972	7.63	1.63612e	10.41	1.12435e	14.28
05	E1G88	274809	7.63	1.0725e+ *	10.41	663203 *	14.28
06	E08C0	278248	7.63	1.09076e *	10.41	670655 *	14.28
07	SLCS647	296539	7.63	1.29249e	10.41	854776	14.28
08	SBLK556	294737	7.63	1.29622e	10.41	877629	14.28
09	C0AA7	372899	7.63	1.55324e	10.41	938415	14.28
10	C0AB3	314473	7.63	1.25671e	10.41	737336 *	14.28
11	C0AB2	329196	7.63	1.31335e	10.41	789898 *	14.28
12	C0AA4	366747	7.63	1.43944e	10.41	794473 *	14.28
13	C0AA8	356312	7.63	1.40795e	10.41	778740 *	14.28
14	C0AA6	341337	7.63	1.36132e	10.41	763195 *	14.28
15	C0AB7	311022	7.63	1.2395e+	10.41	746268 *	14.28
16	C0AB9	322482	7.63	1.25453e	10.42	759397 *	14.28
17	C0AB1	327704	7.63	1.2571e+	10.41	725119 *	14.28
18	C0AA9	379045	7.63	1.56179e	10.41	888638	14.28
19	C0AB6	347933	7.63	1.47989e	10.42	882245	14.28
20	C0AA3	324682	7.63	1.32396e	10.41	737901 *	14.28
21	C0AB0	344260	7.63	1.38659e	10.42	776858 *	14.28
22	SLCS556	367600	7.63	1.48428e	10.42	837537	14.28
23	SBLK462	344199	7.63	1.45559e	10.41	860656	14.28

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN062224 SAS No.: BN062224 SDG NO.: BN062224

EPA Sample No.: SSTD020205 Date Analyzed: Jun 23 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 04:24

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	537524	7.687	2.44038e+01	10.47	1.62391e+001	14.33
UPPER LIMIT	1075048	8.187	4880760	10.969	3247820	14.828
LOWER LIMIT	268762	7.187	1220190	9.969	811955	13.828
EPA SAMPLE NO.						
24 SBLK446	386918	7.63	1.6262e+	10.41	948820	14.28
25 A4D56	328731	7.63	1.2521e+	10.41	713333 *	14.28
26 A4D47	329141	7.63	1.25918e	10.41	729682 *	14.28
27 A4D48	315866	7.63	1.28833e	10.41	782495 *	14.28
28 A4D58	311604	7.63	1.21196e *	10.41	717646 *	14.28
29 A4B95	324909	7.63	1.21987e *	10.41	709427 *	14.28

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.: BN062224 SAS No.: BN062224 SDG NO.: BN062224

EPA Sample No.: SSTD020300 Date Analyzed: Jun 22 2024 12:00AM

Lab File ID: BN032160.D Time Analyzed: 10:39

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	348091	7.628	1.44228e+01	10.41	891474	14.28
UPPER LIMIT	696182	8.128	2884560	10.91	1782948	14.775
LOWER LIMIT	174045.5	7.128	721140	9.91	445737	13.775
EPA SAMPLE NO.						
01 SBLK647	309277	7.63	1.31279e	10.41	884849	14.28
02 E1G64	285013	7.63	1.14911e	10.41	703782	14.28
03 E1G86	317956	7.63	1.30811e	10.41	830699	14.28
04 E1G87	374972	7.63	1.63612e	10.41	1.12435e	14.28
05 E1G88	274809	7.63	1.0725e+	10.41	663203	14.28
06 E08C0	278248	7.63	1.09076e	10.41	670655	14.28
07 SLCS647	296539	7.63	1.29249e	10.41	854776	14.28

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.: BN062224 SAS No.: BN062224 SDG NO.: BN062224

EPA Sample No.: SSTD020301 Date Analyzed: Jun 22 2024 12:00AM

Lab File ID: BN032168.D Time Analyzed: 16:35

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	352617	7.628	1.40647e+01	10.41	865729	14.27
UPPER LIMIT	705234	8.128	2812940	10.91	1731458	14.774
LOWER LIMIT	176308.5	7.128	703235	9.91	432864.5	13.774
EPA SAMPLE NO.						
01 SBLK556	294737	7.63	1.29622e	10.41	877629	14.28
02 C0AA7	372899	7.63	1.55324e	10.41	938415	14.28
03 C0AB3	314473	7.63	1.25671e	10.41	737336	14.28
04 C0AB2	329196	7.63	1.31335e	10.41	789898	14.28
05 C0AA4	366747	7.63	1.43944e	10.41	794473	14.28
06 C0AA8	356312	7.63	1.40795e	10.41	778740	14.28
07 C0AA6	341337	7.63	1.36132e	10.41	763195	14.28
08 C0AB7	311022	7.63	1.2395e+	10.41	746268	14.28
09 C0AB9	322482	7.63	1.25453e	10.42	759397	14.28
10 C0AB1	327704	7.63	1.2571e+	10.41	725119	14.28
11 C0AA9	379045	7.63	1.56179e	10.41	888638	14.28
12 C0AB6	347933	7.63	1.47989e	10.42	882245	14.28
13 C0AA3	324682	7.63	1.32396e	10.41	737901	14.28
14 C0AB0	344260	7.63	1.38659e	10.42	776858	14.28
15 SLCS556	367600	7.63	1.48428e	10.42	837537	14.28

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.: BN062224 SAS No.: BN062224 SDG NO.: BN062224

EPA Sample No.: SSTD020302 Date Analyzed: Jun 23 2024 12:00AM

Lab File ID: BN032184.D Time Analyzed: 03:45

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	464173	7.634	1.91707e+01	10.41	1.11569e+001	14.28
UPPER LIMIT	928346	8.134	3834140	10.91	2231380	14.781
LOWER LIMIT	232086.5	7.134	958535	9.91	557845	13.781
EPA SAMPLE NO.						
01 SBLK462	344199	7.63	1.45559e	10.41	860656	14.28
02 SBLK446	386918	7.63	1.6262e+	10.41	948820	14.28
03 A4D56	328731	7.63	1.2521e+	10.41	713333	14.28
04 A4D47	329141	7.63	1.25918e	10.41	729682	14.28
05 A4D48	315866	7.63	1.28833e	10.41	782495	14.28
06 A4D58	311604	7.63	1.21196e	10.41	717646	14.28
07 A4B95	324909	7.63	1.21987e	10.41	709427	14.28

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.: BN062224 SAS No.: BN062224 SDG NO.: BN062224

EPA Sample No.: SSTD020205 Date Analyzed: Jun 22 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 10:39

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	3.4478e+00	17.069	3.17344e+	21.304	3.57577e+0	24.245
	UPPER LIMIT	6895600	17.569	6346880	21.804	7151540	24.745
	LOWER LIMIT	1723900	16.569	1586720	20.804	1787885	23.745
	EPA SAMPLE NO.						
01	SBLK647	1.85061	17.03	1.54669e+ *	21.26	1.5561e+0 *	24.17
02	E1G64	1.41346*	17.03	1.25945e+ *	21.26	1.44929e+ *	24.17
03	E1G86	1.62647*	17.03	1.37373e+ *	21.26	1.53766e+ *	24.17
04	E1G87	2.36876	17.03	2.23412e+	21.27	2.42151e+	24.18
05	E1G88	1.33043*	17.02	1.28083e+ *	21.26	1.4451e+0 *	24.17
06	E08C0	1.34892*	17.03	1.28388e+ *	21.26	1.44819e+ *	24.17
07	SLCS647	1.76622	17.03	1.50449e+ *	21.26	1.4606e+0 *	24.17
08	SBLK556	1.84296	17.03	1.64745e+	21.26	1.63907e+ *	24.17
09	C0AA7	1.66963*	17.03	1.20895e+ *	21.26	1.39596e+ *	24.17
10	C0AB3	1.3592e*	17.03	1.1624e+0 *	21.26	1.28108e+ *	24.17
11	C0AB2	1.54616*	17.03	1.33857e+ *	21.26	1.56636e+ *	24.17
12	C0AA4	1.36623*	17.03	1.0922e+0 *	21.26	1.29245e+ *	24.18
13	C0AA8	1.36459*	17.03	1.01607e+ *	21.27	1.26478e+ *	24.19
14	C0AA6	1.35895*	17.03	1.13253e+ *	21.26	1.36822e+ *	24.17
15	C0AB7	1.46022*	17.03	1.33065e+ *	21.26	1.62359e+ *	24.19
16	C0AB9	1.45916*	17.03	1.26464e+ *	21.27	1.48826e+ *	24.19
17	C0AB1	1.36329*	17.03	1.20876e+ *	21.27	1.38383e+ *	24.19
18	C0AA9	1.52248*	17.03	1.12398e+ *	21.27	1.31779e+ *	24.19
19	C0AB6	1.49083*	17.03	1.0434e+0 *	21.26	1.26529e+ *	24.18
20	C0AA3	1.28425*	17.03	1.06402e+ *	21.26	1.28621e+ *	24.18
21	C0AB0	1.36291*	17.03	1.12302e+ *	21.26	1.37473e+ *	24.18

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN062224 SAS No.: BN062224 SDG NO.: BN062224

EPA Sample No.: SSTD020205 Date Analyzed: Jun 23 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 01:47

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	3.4478e+00	17.069	3.17344e+	21.304	3.57577e+0	24.245
UPPER LIMIT	6895600	17.569	6346880	21.804	7151540	24.745
LOWER LIMIT	1723900	16.569	1586720	20.804	1787885	23.745
EPA SAMPLE NO.						
22 SLCS556	1.43155*	17.03	1.1884e+0 *	21.27	1.40827e+ *	24.18
23 SBLK462	1.42366*	17.03	1.10317e+ *	21.26	1.30261e+ *	24.18
24 SBLK446	1.61868*	17.03	1.24028e+ *	21.26	1.46572e+ *	24.18
25 A4D56	1.17484*	17.05	568421 *	21.31	1.46676e+ *	24.23
26 A4D47	1.38075*	17.03	1.07253e+ *	21.28	1.56762e+ *	24.19
27 A4D48	1.56699*	17.03	1.25954e+ *	21.27	1.74172e+ *	24.19
28 A4D58	1.42083*	17.03	1.20011e+ *	21.27	1.62e+006 *	24.19
29 A4B95	1.36817*	17.03	1.24668e+ *	21.27	1.50837e+ *	24.19

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.: BN062224 SAS No.: BN062224 SDG NO.: BN062224

EPA Sample No.: SSTD020300 Date Analyzed: Jun 22 2024 12:00AM

Lab File ID: BN032160.D Time Analyzed: 10:39

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.87738e+01	17.028	1.73491e+	21.263	2.00584e+01	24.174
UPPER LIMIT	3754760	17.528	3469820	21.763	4011680	24.674
LOWER LIMIT	938690	16.528	867455	20.763	1002920	23.674
EPA SAMPLE NO.						
01 SBLK647	1.85061	17.03	1.54669e+	21.26	1.5561e+0	24.17
02 E1G64	1.41346	17.03	1.25945e+	21.26	1.44929e+	24.17
03 E1G86	1.62647	17.03	1.37373e+	21.26	1.53766e+	24.17
04 E1G87	2.36876	17.03	2.23412e+	21.27	2.42151e+	24.18
05 E1G88	1.33043	17.02	1.28083e+	21.26	1.4451e+0	24.17
06 E08C0	1.34892	17.03	1.28388e+	21.26	1.44819e+	24.17
07 SLCS647	1.76622	17.03	1.50449e+	21.26	1.4606e+0	24.17

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.: BN062224 SAS No.: BN062224 SDG NO.: BN062224

EPA Sample No.: SSTD020301 Date Analyzed: Jun 22 2024 12:00AM

Lab File ID: BN032168.D Time Analyzed: 16:35

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.69123e+01	17.027	1.54871e+	21.262	1.80881e+01	24.168
	UPPER LIMIT	3382460	17.527	3097420	21.762	3617620	24.668
	LOWER LIMIT	845615	16.527	774355	20.762	904405	23.668
	EPA SAMPLE NO.						
01	SBLK556	1.84296	17.03	1.64745e+	21.26	1.63907e+	24.17
02	C0AA7	1.66963	17.03	1.20895e+	21.26	1.39596e+	24.17
03	C0AB3	1.3592e	17.03	1.1624e+0	21.26	1.28108e+	24.17
04	C0AB2	1.54616	17.03	1.33857e+	21.26	1.56636e+	24.17
05	C0AA4	1.36623	17.03	1.0922e+0	21.26	1.29245e+	24.18
06	C0AA8	1.36459	17.03	1.01607e+	21.27	1.26478e+	24.19
07	C0AA6	1.35895	17.03	1.13253e+	21.26	1.36822e+	24.17
08	C0AB7	1.46022	17.03	1.33065e+	21.26	1.62359e+	24.19
09	C0AB9	1.45916	17.03	1.26464e+	21.27	1.48826e+	24.19
10	C0AB1	1.36329	17.03	1.20876e+	21.27	1.38383e+	24.19
11	C0AA9	1.52248	17.03	1.12398e+	21.27	1.31779e+	24.19
12	C0AB6	1.49083	17.03	1.0434e+0	21.26	1.26529e+	24.18
13	C0AA3	1.28425	17.03	1.06402e+	21.26	1.28621e+	24.18
14	C0AB0	1.36291	17.03	1.12302e+	21.26	1.37473e+	24.18
15	SLCS556	1.43155	17.03	1.1884e+0	21.27	1.40827e+	24.18

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN062224 SAS No.: BN062224 SDG NO.: BN062224

EPA Sample No.: SSTD020301 Date Analyzed: Jun 23 2024 12:00AM

Lab File ID: BN032168.D Time Analyzed: 01:47

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.69123e+01	17.027	1.54871e+01	21.262	1.80881e+01	24.168
UPPER LIMIT	3382460	17.527	3097420	21.762	3617620	24.668
LOWER LIMIT	845615	16.527	774355	20.762	904405	23.668
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN062224 SAS No.: BN062224 SDG NO.: BN062224

EPA Sample No.: SSTD020302 Date Analyzed: Jun 23 2024 12:00AM

Lab File ID: BN032184.D Time Analyzed: 03:45

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.93058e+01	17.028	1.43986e+	21.263	1.68543e+01	24.18
UPPER LIMIT	3861160	17.528	2879720	21.763	3370860	24.68
LOWER LIMIT	965290	16.528	719930	20.763	842715	23.68
EPA SAMPLE NO.						
01 SBLK462	1.42366	17.03	1.10317e+	21.26	1.30261e+	24.18
02 SBLK446	1.61868	17.03	1.24028e+	21.26	1.46572e+	24.18
03 A4D56	1.17484	17.05	568421 *	21.31	1.46676e+	24.23
04 A4D47	1.38075	17.03	1.07253e+	21.28	1.56762e+	24.19
05 A4D48	1.56699	17.03	1.25954e+	21.27	1.74172e+	24.19
06 A4D58	1.42083	17.03	1.20011e+	21.27	1.62e+006	24.19
07 A4B95	1.36817	17.03	1.24668e+	21.27	1.50837e+	24.19

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.: BN062224

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161556BS	1,4-Dioxane	530	350	ug/Kg	66				0	0		
	Benzaldehyde	1300	1100	ug/Kg	85				0	0		
	Pyridine	1300	870	ug/Kg	67				0	0		
	Phenol	1300	980	ug/Kg	75				0	0		
	Bis(2-chloroethyl)ether	1300	930	ug/Kg	72				0	0		
	2-Chlorophenol	1300	1100	ug/Kg	85				0	0		
	2-Methylphenol	1300	960	ug/Kg	74				0	0		
	2,2-oxybis(1-Chloropropane)	1300	870	ug/Kg	67				0	0		
	Acetophenone	1300	990	ug/Kg	76				0	0		
	4-Methylphenol	1300	980	ug/Kg	75				0	0		
	N-Nitroso-di-n-propylamine	1300	870	ug/Kg	67				0	0		
	Hexachloroethane	1300	1000	ug/Kg	77				0	0		
	Nitrobenzene	1300	1000	ug/Kg	77				0	0		
	Isophorone	1300	920	ug/Kg	71				0	0		
	2-Nitrophenol	1300	1200	ug/Kg	92				0	0		
	2,4-Dimethylphenol	1300	880	ug/Kg	68				0	0		
	Bis(2-chloroethoxy)methane	1300	950	ug/Kg	73				0	0		
	2,4-Dichlorophenol	1300	1200	ug/Kg	92				0	0		
	Naphthalene	1300	1100	ug/Kg	85				0	0		
	4-Chloroaniline	1300	930	ug/Kg	72				0	0		
	Hexachlorobutadiene	1300	1200	ug/Kg	92				0	0		
	Caprolactam	1300	900	ug/Kg	69				0	0		
	4-Chloro-3-methylphenol	1300	990	ug/Kg	76				0	0		
	1-Methylnaphthalene	1300	1100	ug/Kg	85				0	0		
	2-Methylnaphthalene	1300	1100	ug/Kg	85				0	0		
	Hexachlorocyclopentadiene	1300	600	ug/Kg	46				0	0		
	2,4,6-Trichlorophenol	1300	1200	ug/Kg	92				0	0		
	2,4,5-Trichlorophenol	1300	1200	ug/Kg	92				0	0		
	1,1'-Biphenyl	1300	1200	ug/Kg	92				0	0		
	2-Chloronaphthalene	1300	1200	ug/Kg	92				0	0		
	2-Nitroaniline	1300	1000	ug/Kg	77				0	0		
	Dimethylphthalate	1300	1100	ug/Kg	85				0	0		
	2,6-Dinitrotoluene	1300	1100	ug/Kg	85				0	0		
	Acenaphthylene	1300	1100	ug/Kg	85				0	0		
	3-Nitroaniline	1300	1100	ug/Kg	85				0	0		
	Acenaphthene	1300	1100	ug/Kg	85				0	0		
	2,4-Dinitrophenol	1300	1100	ug/Kg	85				0	0		
	4-Nitrophenol	1300	960	ug/Kg	74				0	0		
	Dibenzofuran	1300	1100	ug/Kg	85				0	0		
	2,4-Dinitrotoluene	1300	1100	ug/Kg	85				0	0		
	Diethylphthalate	1300	1000	ug/Kg	77				0	0		
	Fluorene	1300	1100	ug/Kg	85				0	0		
	4-Chlorophenyl-phenylether	1300	1100	ug/Kg	85				0	0		
	4-Nitroaniline	1300	1200	ug/Kg	92				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN062224

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161556BS	4,6-Dinitro-2-methylphenol	1300	1300	ug/Kg	100				0	0		
	N-Nitrosodiphenylamine	1300	1300	ug/Kg	100				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	1300	ug/Kg	100				0	0		
	4-Bromophenyl-phenylether	1300	1300	ug/Kg	100				0	0		
	Hexachlorobenzene	1300	1200	ug/Kg	92				0	0		
	Atrazine	1300	1000	ug/Kg	77				0	0		
	Pentachlorophenol	1300	1100	ug/Kg	85				0	0		
	Phenanthrene	1300	1200	ug/Kg	92				0	0		
	Pentachlorobenzene	1300	1400	ug/Kg	108				0	0		
	Anthracene	1300	1100	ug/Kg	85				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1500	ug/Kg	115				0	0		
	Carbazole	1300	1200	ug/Kg	92				0	0		
	Di-n-butylphthalate	1300	1100	ug/Kg	85				0	0		
	Fluoranthene	1300	1200	ug/Kg	92				0	0		
	Pyrene	1300	1200	ug/Kg	92				0	0		
	Butylbenzylphthalate	1300	1100	ug/Kg	85				0	0		
	3,3'-Dichlorobenzidine	1300	1300	ug/Kg	100				0	0		
	Benzo(a)anthracene	1300	1100	ug/Kg	85				0	0		
	Chrysene	1300	1100	ug/Kg	85				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1100	ug/Kg	85				0	0		
	Di-n-octylphthalate	1300	1100	ug/Kg	85				0	0		
	Benzo(b)fluoranthene	1300	1100	ug/Kg	85				0	0		
	Benzo(k)fluoranthene	1300	1100	ug/Kg	85				0	0		
	Benzo(a)pyrene	1300	1000	ug/Kg	77				0	0		
	Indeno(1,2,3-cd)pyrene	1300	1300	ug/Kg	100				0	0		
	Dibenzo(a,h)anthracene	1300	1300	ug/Kg	100				0	0		
	Benzo(g,h,i)perylene	1300	1300	ug/Kg	100				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.: BN062224

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161647BS	1,4-Dioxane	16	9.9	ug/L	62				0	0		
	Benzaldehyde	40	31	ug/L	78				0	0		
	Pyridine	40	27	ug/L	68				0	0		
	Phenol	40	31	ug/L	78				0	0		
	Bis(2-chloroethyl)ether	40	30	ug/L	75				0	0		
	2-Chlorophenol	40	34	ug/L	85				0	0		
	2-Methylphenol	40	31	ug/L	78				0	0		
	2,2-oxybis(1-Chloropropane)	40	28	ug/L	70				0	0		
	Acetophenone	40	32	ug/L	80				0	0		
	4-Methylphenol	40	32	ug/L	80				0	0		
	N-Nitroso-di-n-propylamine	40	29	ug/L	73				0	0		
	Hexachloroethane	40	32	ug/L	80				0	0		
	Nitrobenzene	40	30	ug/L	75				0	0		
	Isophorone	40	29	ug/L	73				0	0		
	2-Nitrophenol	40	36	ug/L	90				0	0		
	2,4-Dimethylphenol	40	30	ug/L	75				0	0		
	Bis(2-chloroethoxy)methane	40	30	ug/L	75				0	0		
	2,4-Dichlorophenol	40	36	ug/L	90				0	0		
	Naphthalene	40	33	ug/L	83				0	0		
	4-Chloroaniline	40	29	ug/L	73				0	0		
	Hexachlorobutadiene	40	35	ug/L	88				0	0		
	Caprolactam	40	33	ug/L	83				0	0		
	4-Chloro-3-methylphenol	40	34	ug/L	85				0	0		
	1-Methylnaphthalene	40	34	ug/L	85				0	0		
	2-Methylnaphthalene	40	34	ug/L	85				0	0		
	Hexachlorocyclopentadiene	40	24	ug/L	60				0	0		
	2,4,6-Trichlorophenol	40	34	ug/L	85				0	0		
	2,4,5-Trichlorophenol	40	35	ug/L	88				0	0		
	1,1'-Biphenyl	40	34	ug/L	85				0	0		
	2-Chloronaphthalene	40	34	ug/L	85				0	0		
	2-Nitroaniline	40	32	ug/L	80				0	0		
	Dimethylphthalate	40	34	ug/L	85				0	0		
	2,6-Dinitrotoluene	40	37	ug/L	93				0	0		
	Acenaphthylene	40	34	ug/L	85				0	0		
	3-Nitroaniline	40	36	ug/L	90				0	0		
	Acenaphthene	40	34	ug/L	85				0	0		
	2,4-Dinitrophenol	40	41	ug/L	103				0	0		
	4-Nitrophenol	40	35	ug/L	88				0	0		
	Dibenzofuran	40	34	ug/L	85				0	0		
	2,4-Dinitrotoluene	40	36	ug/L	90				0	0		
	Diethylphthalate	40	34	ug/L	85				0	0		
	Fluorene	40	34	ug/L	85				0	0		
	4-Chlorophenyl-phenylether	40	34	ug/L	85				0	0		
	4-Nitroaniline	40	40	ug/L	100				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN062224

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161647BS	4,6-Dinitro-2-methylphenol	40	41	ug/L	103				0	0		
	N-Nitrosodiphenylamine	40	36	ug/L	90				0	0		
	1,2,4,5-Tetrachlorobenzene	40	36	ug/L	90				0	0		
	4-Bromophenyl-phenylether	40	37	ug/L	93				0	0		
	Hexachlorobenzene	40	37	ug/L	93				0	0		
	Atrazine	40	17	ug/L	43				0	0		
	Pentachlorophenol	40	32	ug/L	80				0	0		
	Phenanthrene	40	35	ug/L	88				0	0		
	Pentachlorobenzene	40	36	ug/L	90				0	0		
	Anthracene	40	34	ug/L	85				0	0		
	1,2,3,4-Tetrachlorobenzene	40	35	ug/L	88				0	0		
	Carbazole	40	38	ug/L	95				0	0		
	Di-n-butylphthalate	40	36	ug/L	90				0	0		
	Fluoranthene	40	37	ug/L	93				0	0		
	Pyrene	40	38	ug/L	95				0	0		
	Butylbenzylphthalate	40	36	ug/L	90				0	0		
	3,3'-Dichlorobenzidine	40	36	ug/L	90				0	0		
	Benzo(a)anthracene	40	34	ug/L	85				0	0		
	Chrysene	40	35	ug/L	88				0	0		
	Bis(2-ethylhexyl)phthalate	40	34	ug/L	85				0	0		
	Di-n-octylphthalate	40	41	ug/L	103				0	0		
	Benzo(b)fluoranthene	40	37	ug/L	93				0	0		
	Benzo(k)fluoranthene	40	36	ug/L	90				0	0		
	Benzo(a)pyrene	40	33	ug/L	83				0	0		
	Indeno(1,2,3-cd)pyrene	40	34	ug/L	85				0	0		
	Dibenzo(a,h)anthracene	40	33	ug/L	83				0	0		
	Benzo(g,h,i)perylene	40	33	ug/L	83				0	0		
	2,3,4,6-Tetrachlorophenol	40	34	ug/L	85				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK446

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN062224

SAS No.: BN062224 SDG NO.: BN062224

Lab File ID: BN032186.D

Lab Sample ID: PB161446BL

Instrument ID: BNA_N

Date Extracted: 06/11/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/23/2024

Level: (low/med) LOW

Time Analyzed: 04:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4D56	P2775-24	BN032187.D	06/23/2024
A4D47	P2775-18	BN032188.D	06/23/2024
A4D48	P2775-19	BN032189.D	06/23/2024
A4D58	P2775-21	BN032190.D	06/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK462

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN062224

SAS No.: BN062224 SDG NO.: BN062224

Lab File ID: BN032185.D

Lab Sample ID: PB161462BL

Instrument ID: BNA_N

Date Extracted: 06/12/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/23/2024

Level: (low/med) LOW

Time Analyzed: 03:45

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4B95	P2776-07	BN032191.D	06/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK556

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN062224

SAS No.: BN062224 SDG NO.: BN062224

Lab File ID: BN032169.D

Lab Sample ID: PB161556BL

Instrument ID: BNA_N

Date Extracted: 06/18/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/22/2024

Level: (low/med) LOW

Time Analyzed: 16:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AA7	P2899-05	BN032170.D	06/22/2024
C0AB3	P2899-11	BN032171.D	06/22/2024
C0AB2	P2899-10	BN032172.D	06/22/2024
C0AA4	P2899-02	BN032173.D	06/22/2024
C0AA8	P2899-06	BN032174.D	06/22/2024
C0AA6	P2899-04	BN032175.D	06/22/2024
C0AB7	P2899-17	BN032176.D	06/22/2024
C0AB9	P2899-18	BN032177.D	06/22/2024
C0AB1	P2899-09	BN032178.D	06/22/2024
C0AA9	P2899-07	BN032179.D	06/22/2024
C0AB6	P2899-14	BN032180.D	06/22/2024
C0AA3	P2899-01	BN032181.D	06/23/2024
C0AB0	P2899-08	BN032182.D	06/23/2024
PB161556BS	PB161556BS	BN032183.D	06/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK647

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN062224

SAS No.: BN062224 SDG NO.: BN062224

Lab File ID: BN032161.D

Lab Sample ID: PB161647BL

Instrument ID: BNA_N

Date Extracted: 06/21/2024

Matrix: (soil/water) Water

Date Analyzed: 06/22/2024

Level: (low/med) LOW

Time Analyzed: 10:39

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1G64	P2961-01	BN032162.D	06/22/2024
E1G86	P2961-02	BN032163.D	06/22/2024
E1G87	P2961-03	BN032164.D	06/22/2024
E1G88	P2961-04	BN032165.D	06/22/2024
E08C0	P3017-01	BN032166.D	06/22/2024
PB161647BS	PB161647BS	BN032167.D	06/22/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BN062224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2775-18	A4D47	BN032188.D	1,4-Dioxane-d8	8	3.91	49		15	120
			Pyridine-d5	40	4.33	11	*	20	120
			Phenol-d5	40	19.76	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.15	45		10	150
			2-Chlorophenol-d4	40	23.12	58		15	120
			4-Methylphenol-d8	40	19.81	50		10	140
			Nitrobenzene-d5	40	24.44	61		10	135
			2-Nitrophenol-d4	40	25.83	65		10	120
			2,4-Dichlorophenol-d3	40	23.36	58		10	140
			4-Chloroaniline-d4	40	16.09	40		1	145
			Dimethylphthalate-d6	40	24.67	62		10	145
			Acenaphthylene-d8	40	25.06	63		15	120
			4-Nitrophenol-d4	40	20.64	52		10	150
			Fluorene-d10	40	24.99	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.86	15		10	130
			Anthracene-d10	40	26.85	67		10	150
			Pyrene-d10	40	24.11	60		10	130
			Benzo(a)pyrene-d12	40	17.49	44		10	140
P2775-19	A4D48	BN032189.D	1,4-Dioxane-d8	8	3.66	46		15	120
			Pyridine-d5	40	3.16	8	*	20	120
			Phenol-d5	40	20.83	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.30	46		10	150
			2-Chlorophenol-d4	40	23.95	60		15	120
			4-Methylphenol-d8	40	21.33	53		10	140
			Nitrobenzene-d5	40	24.11	60		10	135
			2-Nitrophenol-d4	40	25.49	64		10	120
			2,4-Dichlorophenol-d3	40	23.99	60		10	140
			4-Chloroaniline-d4	40	17.53	44		1	145
			Dimethylphthalate-d6	40	25.40	64		10	145
			Acenaphthylene-d8	40	25.45	64		15	120
			4-Nitrophenol-d4	40	23.56	59		10	150
			Fluorene-d10	40	25.86	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.04	15		10	130
			Anthracene-d10	40	28.41	71		10	150
			Pyrene-d10	40	26.71	67		10	130
			Benzo(a)pyrene-d12	40	19.06	48		10	140
P2775-21	A4D58	BN032190.D	1,4-Dioxane-d8	8	3.32	41		15	120
			Pyridine-d5	40	3.06	8	*	20	120
			Phenol-d5	40	18.67	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.59	41		10	150
			2-Chlorophenol-d4	40	21.34	53		15	120
			4-Methylphenol-d8	40	18.94	47		10	140
			Nitrobenzene-d5	40	22.59	56		10	135
			2-Nitrophenol-d4	40	24.05	60		10	120
			2,4-Dichlorophenol-d3	40	22.59	56		10	140
			4-Chloroaniline-d4	40	17.33	43		1	145
			Dimethylphthalate-d6	40	24.92	62		10	145
			Acenaphthylene-d8	40	24.80	62		15	120
			4-Nitrophenol-d4	40	20.39	51		10	150

Surrogate Summary

SW-846

SDG No.: BN062224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2775-21	A4D58	BN032190.D	Fluorene-d10	40	25.27	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.49	14		10	130
			Anthracene-d10	40	26.96	67		10	150
			Pyrene-d10	40	23.54	59		10	130
			Benzo(a)pyrene-d12	40	17.13	43		10	140
P2775-24	A4D56	BN032187.D	1,4-Dioxane-d8	8	4.10	51		15	120
			Pyridine-d5	40	11.30	28		20	120
			Phenol-d5	40	23.38	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.48	51		10	150
			2-Chlorophenol-d4	40	26.88	67		15	120
			4-Methylphenol-d8	40	23.35	58		10	140
			Nitrobenzene-d5	40	28.15	70		10	135
			2-Nitrophenol-d4	40	30.20	76		10	120
			2,4-Dichlorophenol-d3	40	27.37	68		10	140
			4-Chloroaniline-d4	40	16.97	42		1	145
			Dimethylphthalate-d6	40	27.13	68		10	145
			Acenaphthylene-d8	40	27.93	70		15	120
			4-Nitrophenol-d4	40	20.99	52		10	150
			Fluorene-d10	40	26.71	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.90	35		10	130
			Anthracene-d10	40	30.25	76		10	150
			Pyrene-d10	40	40.26	101		10	130
			Benzo(a)pyrene-d12	40	18.90	47		10	140
PB161446BL	PB161446BL	BN032186.D	1,4-Dioxane-d8	8	4.88	61		15	120
			Pyridine-d5	40	24.16	60		20	120
			Phenol-d5	40	26.48	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.91	62		10	150
			2-Chlorophenol-d4	40	30.87	77		15	120
			4-Methylphenol-d8	40	27.68	69		10	140
			Nitrobenzene-d5	40	31.56	79		10	135
			2-Nitrophenol-d4	40	34.14	85		10	120
			2,4-Dichlorophenol-d3	40	29.76	74		10	140
			4-Chloroaniline-d4	40	29.71	74		1	145
			Dimethylphthalate-d6	40	29.93	75		10	145
			Acenaphthylene-d8	40	30.44	76		15	120
			4-Nitrophenol-d4	40	21.82	55		10	150
			Fluorene-d10	40	28.38	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.46	61		10	130
			Anthracene-d10	40	31.95	80		10	150
			Pyrene-d10	40	31.98	80		10	130
			Benzo(a)pyrene-d12	40	30.31	76		10	140

Surrogate Summary

SW-846

SDG No.: BN062224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2776-07	A4B95	BN032191.D	1,4-Dioxane-d8	8	3.67	46		15	120
			Pyridine-d5	40	0.87	2	*	20	120
			Phenol-d5	40	17.84	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.77	42		10	150
			2-Chlorophenol-d4	40	21.05	53		15	120
			4-Methylphenol-d8	40	17.16	43		10	140
			Nitrobenzene-d5	40	22.37	56		10	135
			2-Nitrophenol-d4	40	23.09	58		10	120
			2,4-Dichlorophenol-d3	40	20.52	51		10	140
			4-Chloroaniline-d4	40	16.53	41		1	145
			Dimethylphthalate-d6	40	21.15	53		10	145
			Acenaphthylene-d8	40	21.50	54		15	120
			4-Nitrophenol-d4	40	15.94	40		10	150
			Fluorene-d10	40	21.23	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.86	17		10	130
			Anthracene-d10	40	22.64	57		10	150
			Pyrene-d10	40	17.03	43		10	130
			Benzo(a)pyrene-d12	40	10.34	26		10	140
PB161462BL	PB161462BL	BN032185.D	1,4-Dioxane-d8	8	5.14	64		15	120
			Pyridine-d5	40	25.83	65		20	120
			Phenol-d5	40	27.98	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.87	65		10	150
			2-Chlorophenol-d4	40	31.88	80		15	120
			4-Methylphenol-d8	40	29.29	73		10	140
			Nitrobenzene-d5	40	32.39	81		10	135
			2-Nitrophenol-d4	40	35.22	88		10	120
			2,4-Dichlorophenol-d3	40	31.00	77		10	140
			4-Chloroaniline-d4	40	30.90	77		1	145
			Dimethylphthalate-d6	40	30.83	77		10	145
			Acenaphthylene-d8	40	30.63	77		15	120
			4-Nitrophenol-d4	40	21.73	54		10	150
			Fluorene-d10	40	28.63	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.55	61		10	130
			Anthracene-d10	40	32.92	82		10	150
			Pyrene-d10	40	32.69	82		10	130
			Benzo(a)pyrene-d12	40	31.42	79		10	140

Surrogate Summary

SW-846

SDG No.: BN062224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2899-01	C0AA3	BN032181.D	1,4-Dioxane-d8	8	2.96	37		15	120
			Pyridine-d5	40	13.38	33		20	120
			Phenol-d5	40	17.08	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.03	40		10	150
			2-Chlorophenol-d4	40	19.84	50		15	120
			4-Methylphenol-d8	40	17.33	43		10	140
			Nitrobenzene-d5	40	20.68	52		10	135
			2-Nitrophenol-d4	40	21.42	54		10	120
			2,4-Dichlorophenol-d3	40	18.88	47		10	140
			4-Chloroaniline-d4	40	18.66	47		1	145
			Dimethylphthalate-d6	40	20.30	51		10	145
			Acenaphthylene-d8	40	20.77	52		15	120
			4-Nitrophenol-d4	40	12.43	31		10	150
			Fluorene-d10	40	19.92	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.07	28		10	130
			Anthracene-d10	40	21.45	54		10	150
			Pyrene-d10	40	21.79	54		10	130
			Benzo(a)pyrene-d12	40	20.57	51		10	140
P2899-02	C0AA4	BN032173.D	1,4-Dioxane-d8	8	3.15	39		15	120
			Pyridine-d5	40	0.46	1	*	20	120
			Phenol-d5	40	19.23	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.79	44		10	150
			2-Chlorophenol-d4	40	22.33	56		15	120
			4-Methylphenol-d8	40	19.07	48		10	140
			Nitrobenzene-d5	40	23.50	59		10	135
			2-Nitrophenol-d4	40	24.84	62		10	120
			2,4-Dichlorophenol-d3	40	22.03	55		10	140
			4-Chloroaniline-d4	40	1.22	3		1	145
			Dimethylphthalate-d6	40	23.12	58		10	145
			Acenaphthylene-d8	40	23.18	58		15	120
			4-Nitrophenol-d4	40	15.75	39		10	150
			Fluorene-d10	40	22.18	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.91	42		10	130
			Anthracene-d10	40	23.84	60		10	150
			Pyrene-d10	40	21.59	54		10	130
			Benzo(a)pyrene-d12	40	15.22	38		10	140
P2899-04	C0AA6	BN032175.D	1,4-Dioxane-d8	8	3.60	45		15	120
			Pyridine-d5	40	17.92	45		20	120
			Phenol-d5	40	19.01	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.70	49		10	150
			2-Chlorophenol-d4	40	24.69	62		15	120
			4-Methylphenol-d8	40	16.33	41		10	140
			Nitrobenzene-d5	40	25.88	65		10	135
			2-Nitrophenol-d4	40	27.46	69		10	120
			2,4-Dichlorophenol-d3	40	24.20	61		10	140
			4-Chloroaniline-d4	40	12.50	31		1	145
			Dimethylphthalate-d6	40	24.42	61		10	145
			Acenaphthylene-d8	40	25.27	63		15	120
			4-Nitrophenol-d4	40	17.40	44		10	150

Surrogate Summary

SW-846

SDG No.: BN062224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2899-04	C0AA6	BN032175.D	Fluorene-d10	40	23.90	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.26	53		10	130
			Anthracene-d10	40	25.07	63		10	150
			Pyrene-d10	40	25.99	65		10	130
			Benzo(a)pyrene-d12	40	24.51	61		10	140
P2899-05	C0AA7	BN032170.D	Pyridine-d5	40	0.97	2	*	20	120
			1,4-Dioxane-d8	8	2.81	35		15	120
			Phenol-d5	40	16.49	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.69	39		10	150
			2-Chlorophenol-d4	40	19.04	48		15	120
			4-Methylphenol-d8	40	16.02	40		10	140
			Nitrobenzene-d5	40	18.96	47		10	135
			2-Nitrophenol-d4	40	19.72	49		10	120
			2,4-Dichlorophenol-d3	40	19.35	48		10	140
			4-Chloroaniline-d4	40	1.56	4		1	145
			Dimethylphthalate-d6	40	20.60	52		10	145
			Acenaphthylene-d8	40	20.03	50		15	120
			4-Nitrophenol-d4	40	14.05	35		10	150
			Fluorene-d10	40	20.07	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.42	44		10	130
			Anthracene-d10	40	21.26	53		10	150
			Pyrene-d10	40	21.30	53		10	130
			Benzo(a)pyrene-d12	40	14.47	36		10	140
			Pyridine-d5	40	1.79	4	*	20	120
			1,4-Dioxane-d8	8	3.95	49		15	120
P2899-06	C0AA8	BN032174.D	Phenol-d5	40	17.71	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.77	54		10	150
			2-Chlorophenol-d4	40	20.53	51		15	120
			4-Methylphenol-d8	40	18.86	47		10	140
			Nitrobenzene-d5	40	29.23	73		10	135
			2-Nitrophenol-d4	40	25.49	64		10	120
			2,4-Dichlorophenol-d3	40	16.22	41		10	140
			4-Chloroaniline-d4	40	21.36	53		1	145
			Dimethylphthalate-d6	40	28.28	71		10	145
			Acenaphthylene-d8	40	28.41	71		15	120
			4-Nitrophenol-d4	40	1.69	4	*	10	150
			Fluorene-d10	40	26.83	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.96	15		10	130
			Anthracene-d10	40	29.10	73		10	150
			Pyrene-d10	40	30.38	76		10	130
			Benzo(a)pyrene-d12	40	28.04	70		10	140
			1,4-Dioxane-d8	8	2.68	34		15	120
			Pyridine-d5	40	2.33	6	*	20	120
			Phenol-d5	40	17.57	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.32	41		10	150
P2899-07	C0AA9	BN032179.D	2-Chlorophenol-d4	40	20.36	51		15	120
			4-Methylphenol-d8	40	16.18	40		10	140
			Nitrobenzene-d5	40	21.30	53		10	135
			2-Nitrophenol-d4	40	23.04	58		10	120

Surrogate Summary

SW-846

SDG No.: BN062224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2899-07	C0AA9	BN032179.D	2,4-Dichlorophenol-d3	40	20.25	51		10	140
			4-Chloroaniline-d4	40	8.77	22		1	145
			Dimethylphthalate-d6	40	22.01	55		10	145
			Acenaphthylene-d8	40	21.90	55		15	120
			4-Nitrophenol-d4	40	14.17	35		10	150
			Fluorene-d10	40	20.90	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.61	42		10	130
			Anthracene-d10	40	22.57	56		10	150
			Pyrene-d10	40	21.47	54		10	130
			Benzo(a)pyrene-d12	40	16.07	40		10	140
P2899-08	C0AB0	BN032182.D	1,4-Dioxane-d8	8	2.56	32		15	120
			Pyridine-d5	40	12.11	30		20	120
			Phenol-d5	40	15.48	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.37	36		10	150
			2-Chlorophenol-d4	40	17.81	45		15	120
			4-Methylphenol-d8	40	15.10	38		10	140
			Nitrobenzene-d5	40	18.09	45		10	135
			2-Nitrophenol-d4	40	19.39	48		10	120
			2,4-Dichlorophenol-d3	40	17.08	43		10	140
			4-Chloroaniline-d4	40	15.17	38		1	145
			Dimethylphthalate-d6	40	18.02	45		10	145
			Acenaphthylene-d8	40	18.11	45		15	120
			4-Nitrophenol-d4	40	12.49	31		10	150
			Fluorene-d10	40	17.29	43		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.80	27		10	130
			Anthracene-d10	40	18.79	47		10	150
			Pyrene-d10	40	19.12	48		10	130
			Benzo(a)pyrene-d12	40	17.95	45		10	140
P2899-09	C0AB1	BN032178.D	Pyridine-d5	40	2.51	6	*	20	120
			1,4-Dioxane-d8	8	3.31	41		15	120
			Phenol-d5	40	18.09	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.03	45		10	150
			2-Chlorophenol-d4	40	22.05	55		15	120
			4-Methylphenol-d8	40	12.92	32		10	140
			Nitrobenzene-d5	40	24.40	61		10	135
			2-Nitrophenol-d4	40	25.44	64		10	120
			2,4-Dichlorophenol-d3	40	22.21	56		10	140
			4-Chloroaniline-d4	40	3.84	10		1	145
			Dimethylphthalate-d6	40	23.62	59		10	145
			Acenaphthylene-d8	40	23.56	59		15	120
			4-Nitrophenol-d4	40	18.96	47		10	150
			Fluorene-d10	40	23.71	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.32	41		10	130
			Anthracene-d10	40	24.84	62		10	150
			Pyrene-d10	40	22.52	56		10	130
			Benzo(a)pyrene-d12	40	17.44	44		10	140
P2899-10	C0AB2	BN032172.D	Pyridine-d5	40	2.29	6	*	20	120
			1,4-Dioxane-d8	8	3.52	44		15	120
			Phenol-d5	40	21.02	53		10	130

Surrogate Summary

SW-846

SDG No.: BN062224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2899-10	C0AB2	BN032172.D	Bis(2-Chloroethyl)ether-d8	40	19.65	49		10	150
			2-Chlorophenol-d4	40	24.45	61		15	120
			4-Methylphenol-d8	40	15.33	38		10	140
			Nitrobenzene-d5	40	25.42	64		10	135
			2-Nitrophenol-d4	40	26.96	67		10	120
			2,4-Dichlorophenol-d3	40	24.12	60		10	140
			4-Chloroaniline-d4	40	3.03	8		1	145
			Dimethylphthalate-d6	40	25.01	63		10	145
			Acenaphthylene-d8	40	25.21	63		15	120
			4-Nitrophenol-d4	40	20.35	51		10	150
			Fluorene-d10	40	25.25	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.56	54		10	130
			Anthracene-d10	40	26.30	66		10	150
			Pyrene-d10	40	23.43	59		10	130
			Benzo(a)pyrene-d12	40	17.49	44		10	140
P2899-11	C0AB3	BN032171.D	1,4-Dioxane-d8	8	3.01	38		15	120
			Pyridine-d5	40	10.17	25		20	120
			Phenol-d5	40	18.89	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.37	43		10	150
			2-Chlorophenol-d4	40	21.72	54		15	120
			4-Methylphenol-d8	40	17.64	44		10	140
			Nitrobenzene-d5	40	22.65	57		10	135
			2-Nitrophenol-d4	40	24.32	61		10	120
			2,4-Dichlorophenol-d3	40	22.70	57		10	140
			4-Chloroaniline-d4	40	4.42	11		1	145
			Dimethylphthalate-d6	40	24.16	60		10	145
			Acenaphthylene-d8	40	24.55	61		15	120
			4-Nitrophenol-d4	40	18.52	46		10	150
			Fluorene-d10	40	24.39	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.50	51		10	130
			Anthracene-d10	40	26.14	65		10	150
			Pyrene-d10	40	26.14	65		10	130
P2899-14	C0AB6	BN032180.D	Benzo(a)pyrene-d12	40	25.93	65		10	140
			1,4-Dioxane-d8	8	3.22	40		15	120
			Pyridine-d5	40	0.44	1	*	20	120
			Phenol-d5	40	20.51	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.93	47		10	150
			2-Chlorophenol-d4	40	23.74	59		15	120
			4-Methylphenol-d8	40	15.21	38		10	140
			Nitrobenzene-d5	40	23.70	59		10	135
			2-Nitrophenol-d4	40	23.77	59		10	120
			2,4-Dichlorophenol-d3	40	22.88	57		10	140
			4-Chloroaniline-d4	40	12.86	32		1	145
			Dimethylphthalate-d6	40	24.12	60		10	145
			Acenaphthylene-d8	40	24.36	61		15	120
			4-Nitrophenol-d4	40	12.75	32		10	150
			Fluorene-d10	40	23.30	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.50	31		10	130
			Anthracene-d10	40	25.24	63		10	150

Surrogate Summary

SW-846

SDG No.: BN062224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2899-14	C0AB6	BN032180.D	Pyrene-d10	40	24.42	61		10	130
			Benzo(a)pyrene-d12	40	16.60	42		10	140
P2899-17	C0AB7	BN032176.D	1,4-Dioxane-d8	8	3.73	47		15	120
			Pyridine-d5	40	3.12	8	*	20	120
			Phenol-d5	40	21.14	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.84	50		10	150
			2-Chlorophenol-d4	40	25.20	63		15	120
			4-Methylphenol-d8	40	18.98	47		10	140
			Nitrobenzene-d5	40	26.46	66		10	135
			2-Nitrophenol-d4	40	28.30	71		10	120
			2,4-Dichlorophenol-d3	40	25.24	63		10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	26.02	65		10	145
			Acenaphthylene-d8	40	26.18	65		15	120
			4-Nitrophenol-d4	40	20.97	52		10	150
			Fluorene-d10	40	26.40	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.94	55		10	130
			Anthracene-d10	40	27.90	70		10	150
			Pyrene-d10	40	23.61	59		10	130
			Benzo(a)pyrene-d12	40	17.14	43		10	140
P2899-18	C0AB9	BN032177.D	1,4-Dioxane-d8	8	4.36	54		15	120
			Pyridine-d5	40	2.57	6	*	20	120
			Phenol-d5	40	23.79	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.58	56		10	150
			2-Chlorophenol-d4	40	28.28	71		15	120
			4-Methylphenol-d8	40	20.49	51		10	140
			Nitrobenzene-d5	40	30.84	77		10	135
			2-Nitrophenol-d4	40	32.85	82		10	120
			2,4-Dichlorophenol-d3	40	29.66	74		10	140
			4-Chloroaniline-d4	40	4.84	12		1	145
			Dimethylphthalate-d6	40	29.67	74		10	145
			Acenaphthylene-d8	40	30.31	76		15	120
			4-Nitrophenol-d4	40	25.48	64		10	150
			Fluorene-d10	40	29.97	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.23	66		10	130
			Anthracene-d10	40	31.79	79		10	150
			Pyrene-d10	40	27.75	69		10	130
			Benzo(a)pyrene-d12	40	21.27	53		10	140
PB161556BL	PB161556BL	BN032169.D	Pyridine-d5	40	24.63	62		20	120
			1,4-Dioxane-d8	8	5.21	65		15	120
			Phenol-d5	40	26.20	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.69	64		10	150
			2-Chlorophenol-d4	40	30.34	76		15	120
			4-Methylphenol-d8	40	27.45	69		10	140
			Nitrobenzene-d5	40	29.68	74		10	135
			2-Nitrophenol-d4	40	30.58	76		10	120
			2,4-Dichlorophenol-d3	40	27.83	70		10	140
			4-Chloroaniline-d4	40	29.69	74		1	145
			Dimethylphthalate-d6	40	31.76	79		10	145

Surrogate Summary

SW-846

SDG No.: BN062224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161556BL	PB161556BL	BN032169.D	Acenaphthylene-d8	40	29.75	74		15	120
			4-Nitrophenol-d4	40	27.01	68		10	150
			Fluorene-d10	40	30.48	76		20	140
			4,6-Dinitro-2-methylphenol-d2	40	29.16	73		10	130
			Anthracene-d10	40	31.80	80		10	150
			Pyrene-d10	40	32.04	80		10	130
			Benzo(a)pyrene-d12	40	30.75	77		10	140
PB161556BS	PB161556BS	BN032183.D	1,4-Dioxane-d8	8	5.33	67		15	120
			Pyridine-d5	40	25.44	64		20	120
			Phenol-d5	40	28.95	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.24	66		10	150
			2-Chlorophenol-d4	40	33.27	83		15	120
			4-Methylphenol-d8	40	29.07	73		10	140
			Nitrobenzene-d5	40	34.45	86		10	135
			2-Nitrophenol-d4	40	37.87	95		10	120
			2,4-Dichlorophenol-d3	40	33.85	85		10	140
			4-Chloroaniline-d4	40	31.06	78		1	145
			Dimethylphthalate-d6	40	33.32	83		10	145
			Acenaphthylene-d8	40	33.56	84		15	120
			4-Nitrophenol-d4	40	27.33	68		10	150
			Fluorene-d10	40	31.83	80		20	140
			4,6-Dinitro-2-methylphenol-d2	40	36.92	92		10	130
			Anthracene-d10	40	34.99	87		10	150
			Pyrene-d10	40	33.81	85		10	130
			Benzo(a)pyrene-d12	40	35.26	88		10	140

Surrogate Summary

SW-846

SDG No.: BN062224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2961-01	E1G64	BN032162.D	1,4-Dioxane-d8	8	4.35	54		15	120
			Pyridine-d5	40	4.05	10	*	20	120
			Phenol-d5	40	8.63	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.77	69		25	120
			2-Chlorophenol-d4	40	30.57	76		20	130
			4-Methylphenol-d8	40	19.27	48		25	125
			Nitrobenzene-d5	40	34.58	86		20	125
			2-Nitrophenol-d4	40	35.49	89		20	130
			2,4-Dichlorophenol-d3	40	31.57	79		20	120
			4-Chloroaniline-d4	40	23.88	60		1	146
			Dimethylphthalate-d6	40	36.46	91		25	130
			Acenaphthylene-d8	40	34.99	87		10	130
			4-Nitrophenol-d4	40	8.22	21		10	150
			Fluorene-d10	40	36.81	92		25	125
			4,6-Dinitro-2-methylphenol-d2	40	37.35	93		10	130
			Anthracene-d10	40	41.29	103		25	130
			Pyrene-d10	40	41.16	103		15	130
			Benzo(a)pyrene-d12	40	41.25	103		20	130
P2961-02	E1G86	BN032163.D	1,4-Dioxane-d8	8	4.51	56		15	120
			Pyridine-d5	40	2.40	6	*	20	120
			Phenol-d5	40	8.27	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.26	68		25	120
			2-Chlorophenol-d4	40	29.61	74		20	130
			4-Methylphenol-d8	40	19.33	48		25	125
			Nitrobenzene-d5	40	33.57	84		20	125
			2-Nitrophenol-d4	40	34.99	87		20	130
			2,4-Dichlorophenol-d3	40	32.15	80		20	120
			4-Chloroaniline-d4	40	22.44	56		1	146
			Dimethylphthalate-d6	40	37.62	94		25	130
			Acenaphthylene-d8	40	35.10	88		10	130
			4-Nitrophenol-d4	40	8.45	21		10	150
			Fluorene-d10	40	36.58	91		25	125
			4,6-Dinitro-2-methylphenol-d2	40	39.96	100		10	130
			Anthracene-d10	40	41.92	105		25	130
			Pyrene-d10	40	42.02	105		15	130
			Benzo(a)pyrene-d12	40	43.09	108		20	130
P2961-03	E1G87	BN032164.D	1,4-Dioxane-d8	8	4.18	52		15	120
			Pyridine-d5	40	4.82	12	*	20	120
			Phenol-d5	40	8.22	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.46	81		25	120
			2-Chlorophenol-d4	40	32.86	82		20	130
			4-Methylphenol-d8	40	20.61	52		25	125
			Nitrobenzene-d5	40	38.75	97		20	125
			2-Nitrophenol-d4	40	40.96	102		20	130
			2,4-Dichlorophenol-d3	40	35.79	89		20	120
			4-Chloroaniline-d4	40	28.92	72		1	146
			Dimethylphthalate-d6	40	40.27	101		25	130
			Acenaphthylene-d8	40	37.57	94		10	130
			4-Nitrophenol-d4	40	8.34	21		10	150

Surrogate Summary

SW-846

SDG No.: BN062224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2961-03	E1G87	BN032164.D	Fluorene-d10	40	38.89	97		25	125
			4,6-Dinitro-2-methylphenol-d2	40	43.68	109		10	130
			Anthracene-d10	40	41.71	104		25	130
			Pyrene-d10	40	40.26	101		15	130
			Benzo(a)pyrene-d12	40	40.87	102		20	130
P2961-04	E1G88	BN032165.D	1,4-Dioxane-d8	8	3.90	49		15	120
			Pyridine-d5	40	6.13	15	*	20	120
			Phenol-d5	40	7.68	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.65	67		25	120
			2-Chlorophenol-d4	40	28.41	71		20	130
			4-Methylphenol-d8	40	17.31	43		25	125
			Nitrobenzene-d5	40	33.65	84		20	125
			2-Nitrophenol-d4	40	34.91	87		20	130
			2,4-Dichlorophenol-d3	40	30.79	77		20	120
			4-Chloroaniline-d4	40	24.53	61		1	146
			Dimethylphthalate-d6	40	34.96	87		25	130
			Acenaphthylene-d8	40	33.88	85		10	130
			4-Nitrophenol-d4	40	7.48	19		10	150
			Fluorene-d10	40	35.69	89		25	125
			4,6-Dinitro-2-methylphenol-d2	40	37.02	93		10	130
			Anthracene-d10	40	41.92	105		25	130
			Pyrene-d10	40	39.58	99		15	130
			Benzo(a)pyrene-d12	40	41.24	103		20	130
P3017-01	E08C0	BN032166.D	1,4-Dioxane-d8	8	4.79	60		15	120
			Pyridine-d5	40	7.73	19	*	20	120
			Phenol-d5	40	11.18	28		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.47	81		25	120
			2-Chlorophenol-d4	40	36.05	90		20	130
			4-Methylphenol-d8	40	24.51	61		25	125
			Nitrobenzene-d5	40	41.94	105		20	125
			2-Nitrophenol-d4	40	43.38	108		20	130
			2,4-Dichlorophenol-d3	40	39.10	98		20	120
			4-Chloroaniline-d4	40	32.43	81		1	146
			Dimethylphthalate-d6	40	43.80	110		25	130
			Acenaphthylene-d8	40	42.65	107		10	130
			4-Nitrophenol-d4	40	10.93	27		10	150
			Fluorene-d10	40	43.62	109		25	125
			4,6-Dinitro-2-methylphenol-d2	40	44.31	111		10	130
			Anthracene-d10	40	47.27	118		25	130
			Pyrene-d10	40	45.45	114		15	130
			Benzo(a)pyrene-d12	40	48.23	121		20	130
PB161647BL	PB161647BL	BN032161.D	Pyridine-d5	40	22.90	57		20	120
			1,4-Dioxane-d8	8	5.60	70		15	120
			Phenol-d5	40	25.93	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.60	64		25	120
			2-Chlorophenol-d4	40	29.47	74		20	130
			4-Methylphenol-d8	40	26.60	67		25	125
			Nitrobenzene-d5	40	30.15	75		20	125
			2-Nitrophenol-d4	40	32.95	82		20	130

Surrogate Summary

SW-846

SDG No.: BN062224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161647BL	PB161647BL	BN032161.D	2,4-Dichlorophenol-d3	40	28.92	72		20	120
			4-Chloroaniline-d4	40	24.81	62		1	146
			Dimethylphthalate-d6	40	32.13	80		25	130
			Acenaphthylene-d8	40	30.69	77		10	130
			4-Nitrophenol-d4	40	27.89	70		10	150
			Fluorene-d10	40	31.86	80		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.78	79		10	130
			Anthracene-d10	40	32.64	82		25	130
			Pyrene-d10	40	33.97	85		15	130
			Benzo(a)pyrene-d12	40	32.63	82		20	130
			1,4-Dioxane-d8	8	6.67	83		15	120
			Pyridine-d5	40	26.34	66		20	120
			Phenol-d5	40	30.60	77		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.46	71		25	120
PB161647BS	PB161647BS	BN032167.D	2-Chlorophenol-d4	40	33.79	84		20	130
			4-Methylphenol-d8	40	31.68	79		25	125
			Nitrobenzene-d5	40	33.76	84		20	125
			2-Nitrophenol-d4	40	36.65	92		20	130
			2,4-Dichlorophenol-d3	40	35.27	88		20	120
			4-Chloroaniline-d4	40	29.24	73		1	146
			Dimethylphthalate-d6	40	34.31	86		25	130
			Acenaphthylene-d8	40	34.22	86		10	130
			4-Nitrophenol-d4	40	34.03	85		10	150
			Fluorene-d10	40	34.36	86		25	125
			4,6-Dinitro-2-methylphenol-d2	40	41.30	103		10	130
			Anthracene-d10	40	34.91	87		25	130
			Pyrene-d10	40	37.87	95		15	130
			Benzo(a)pyrene-d12	40	35.99	90		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN062224

Lab Code: CHEM

SAS No.: BN062224

SDG NO.: BN062224

Lab File ID: BN032159.D

DFTPP Injection Date: 06/22/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	26
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	30.3
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	44.5
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27.4
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	74.5
443	15.0 - 24.0% of mass 442	13.6 (18.2) 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
SSTD020300	SSTDCCC020	BN032160.D	06/22/2024	10:00
SBLK647	PB161647BL	BN032161.D	06/22/2024	10:39
E1G64	P2961-01	BN032162.D	06/22/2024	11:19
E1G86	P2961-02	BN032163.D	06/22/2024	11:58
E1G87	P2961-03	BN032164.D	06/22/2024	12:37
E1G88	P2961-04	BN032165.D	06/22/2024	13:17
E08C0	P3017-01	BN032166.D	06/22/2024	13:56
SLCS647	PB161647BS	BN032167.D	06/22/2024	15:16
SSTD020301	SSTDCCC020	BN032168.D	06/22/2024	15:55
SBLK556	PB161556BL	BN032169.D	06/22/2024	16:35
C0AA7	P2899-05	BN032170.D	06/22/2024	17:14
C0AB3	P2899-11	BN032171.D	06/22/2024	17:54
C0AB2	P2899-10	BN032172.D	06/22/2024	18:33
C0AA4	P2899-02	BN032173.D	06/22/2024	19:13
C0AA8	P2899-06	BN032174.D	06/22/2024	19:52
C0AA6	P2899-04	BN032175.D	06/22/2024	20:32
C0AB7	P2899-17	BN032176.D	06/22/2024	21:11
C0AB9	P2899-18	BN032177.D	06/22/2024	21:50

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN062224

Lab Code: CHEM

SAS No.: BN062224

SDG NO.: BN062224

Lab File ID: BN032159.D

DFTPP Injection Date: 06/22/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	26
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	30.3
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	44.5
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27.4
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	74.5
443	15.0 - 24.0% of mass 442	13.6 (18.2) 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
C0AB1	P2899-09	BN032178.D	06/22/2024	22:30
C0AA9	P2899-07	BN032179.D	06/22/2024	23:10
C0AB6	P2899-14	BN032180.D	06/22/2024	23:49
C0AA3	P2899-01	BN032181.D	06/23/2024	00:28
C0AB0	P2899-08	BN032182.D	06/23/2024	01:08
SLCS556	PB161556BS	BN032183.D	06/23/2024	01:47
SSTD020302	SSTDCCC020	BN032184.D	06/23/2024	03:06
SBLK462	PB161462BL	BN032185.D	06/23/2024	03:45
SBLK446	PB161446BL	BN032186.D	06/23/2024	04:24
A4D56	P2775-24	BN032187.D	06/23/2024	05:04
A4D47	P2775-18	BN032188.D	06/23/2024	05:43
A4D48	P2775-19	BN032189.D	06/23/2024	06:23
A4D58	P2775-21	BN032190.D	06/23/2024	07:02
A4B95	P2776-07	BN032191.D	06/23/2024	07:41