

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN061424 SAS No.: BN061424 SDG No.: BN061424

Instrument ID: BNA_N Calibration Date/Time: 6/14/2024 1:10:20

Lab File ID: BN031994.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020290 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	0.464	0.010	-10.254	40.0
Benzaldehyde	0.804	0.804	0.010	-0.0162	40.0
Pyridine	1.361	1.218	0.010	-10.4742	40.0
Phenol	1.745	1.621	0.080	-7.1001	20.0
Bis(2-Chloroethyl) ether	1.443	1.376	0.100	-4.6407	20.0
2-Chlorophenol	1.369	1.334	0.200	-2.5537	20.0
2-Methylphenol	1.348	1.280	0.010	-5.0364	20.0
2,2-oxybis(1-Chloropropane)	1.661	1.613	0.010	-2.8801	40.0
Acetophenone	2.118	2.126	0.060	0.372	20.0
4-Methylphenol	1.461	1.420	0.010	-2.8131	20.0
N-Nitroso-di-n-propylamine	1.098	1.078	0.050	-1.8179	30.0
Hexachloroethane	0.580	0.564	0.100	-2.7042	20.0
Nitrobenzene	0.364	0.347	0.050	-4.763	25.0
Isophorone	0.747	0.712	0.050	-4.7255	25.0
2-Nitrophenol	0.173	0.180	0.050	4.3002	25.0
2,4-Dimethylphenol	0.336	0.323	0.050	-3.7659	25.0
Bis(2-Chloroethoxy) methane	0.466	0.439	0.050	-5.8523	20.0
2,4-Dichlorophenol	0.291	0.285	0.060	-2.0146	20.0
Naphthalene	1.035	0.992	0.200	-4.1506	20.0
4-Chloroaniline	0.425	0.408	0.010	-4.0372	40.0
Hexachlorobutadiene	0.175	0.173	0.040	-1.0504	30.0
Caprolactam	0.114	0.113	0.010	-0.1896	40.0
4-Chloro-3-methylphenol	0.340	0.336	0.040	-1.1984	25.0
1-Methylnaphthalene	0.710	0.694	0.100	-2.2134	20.0
2-Methylnaphthalene	0.708	0.689	0.100	-2.6156	20.0
Hexachlorocyclopentadiene	0.305	0.347	0.010	13.8523	40.0
2,4,6-Trichlorophenol	0.359	0.350	0.090	-2.5707	25.0
2,4,5-Trichlorophenol	0.390	0.379	0.100	-2.9647	25.0
1,1-Biphenyl	1.407	1.330	0.200	-5.4768	20.0
2-Chloronaphthalene	1.102	1.045	0.300	-5.1753	20.0
2-Nitroaniline	0.319	0.315	0.050	-1.4892	40.0
Dimethylphthalate	1.425	1.411	0.300	-1.0006	20.0
2,6-Dinitrotoluene	0.283	0.293	0.080	3.3534	30.0
Acenaphthylene	1.811	1.734	0.400	-4.2248	20.0
3-Nitroaniline	0.303	0.296	0.010	-2.1868	40.0
Acenaphthene	1.198	1.150	0.200	-4.0409	20.0
2,4-Dinitrophenol	0.143	0.154	0.010	7.7184	40.0
4-Nitrophenol	0.207	0.200	0.010	-3.2157	40.0
Dibenzofuran	1.628	1.566	0.300	-3.7975	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN061424 SAS No.: BN061424 SDG No.: BN061424

Instrument ID: BNA_N Calibration Date/Time: 6/14/2024 1:10:20

Lab File ID: BN031994.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020290 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	0.421	0.070	1.3792	30.0
Diethylphthalate	1.470	1.460	0.300	-0.6898	20.0
Fluorene	1.311	1.295	0.200	-1.2087	20.0
4-Chlorophenyl-phenylether	0.635	0.629	0.100	-0.9398	20.0
4-Nitroaniline	0.288	0.292	0.010	1.2539	40.0
4,6-Dinitro-2-methylphenol	0.107	0.114	0.010	6.9181	40.0
N-Nitrosodiphenylamine	0.551	0.531	0.050	-3.6721	20.0
1,2,4,5-Tetrachlorobenzene	0.529	0.504	0.100	-4.65	20.0
4-Bromophenyl-phenylether	0.194	0.190	0.070	-2.0256	20.0
Hexachlorobenzene	0.220	0.216	0.050	-1.8189	25.0
Atrazine	0.174	0.158	0.010	-9.2071	25.0
Pentachlorophenol	0.141	0.133	0.010	-5.3536	40.0
Phenanthrene	1.019	0.966	0.200	-5.1485	20.0
Pentachlorobenzene	0.251	0.247	0.050	-1.6243	20.0
Anthracene	1.032	0.991	0.200	-4.0289	20.0
1,2,3,4-Tetrachlorobenzene	0.257	0.241	0.050	-6.2967	20.0
Carbazole	0.880	0.906	0.050	2.9653	40.0
Di-n-butylphthalate	1.211	1.203	0.500	-0.6664	25.0
Fluoranthene	1.279	1.350	0.400	5.5498	25.0
Pyrene	1.312	1.336	0.400	1.8309	25.0
Butylbenzylphthalate	0.620	0.620	0.100	-0.0057	40.0
3,3-Dichlorobenzidine	0.384	0.372	0.010	-3.0877	40.0
Benzo (a) anthracene	1.339	1.256	0.300	-6.1399	30.0
Chrysene	1.250	1.171	0.200	-6.3413	30.0
Bis(2-ethylhexyl)phthalate	0.904	0.853	0.200	-5.5649	40.0
Di-n-octyl phthalate	1.339	1.517	0.010	13.2847	40.0
Benzo (b) fluoranthene	1.195	1.206	0.200	0.8979	25.0
Benzo (k) fluoranthene	1.173	1.213	0.200	3.4412	25.0
Benzo (a) pyrene	1.120	1.060	0.200	-5.358	20.0
Indeno (1,2,3-cd) pyrene	1.290	1.140	0.200	-11.6581	25.0
Dibenzo (a,h) anthracene	1.053	0.950	0.200	-9.7729	30.0
Benzo (g,h,i) perylene	1.026	0.893	0.200	-12.9468	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.328	0.040	0.5384	20.0
1,4-Dioxane-d8	0.483	0.429	0.010	-11.1615	25.0
Pyridine-d5	1.361	1.246	0.010	-8.4676	40.0
Phenol-d5	1.715	1.600	0.010	-6.658	25.0
Bis- (2-Chloroethyl) ether-d8	1.003	0.936	0.050	-6.641	25.0
2-Chlorophenol-d4	1.308	1.264	0.200	-3.3611	20.0
4-Methylphenol-d8	1.398	1.340	0.010	-4.1343	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN061424 SAS No.: BN061424 SDG No.: BN061424

Instrument ID: BNA_N Calibration Date/Time: 6/14/2024 1:10:20

Lab File ID: BN031994.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020290 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.152	0.050	-0.9139	20.0
2-Nitrophenol-d4	0.158	0.168	0.050	6.628	30.0
2,4-Dichlorophenol-d3	0.295	0.291	0.060	-1.2043	20.0
4-Chloroaniline-d4	0.438	0.416	0.010	-4.8907	40.0
Dimethylphthalate-d6	1.393	1.368	0.300	-1.8	20.0
Acenaphthylene-d8	1.602	1.552	0.400	-3.1308	20.0
4-Nitrophenol-d4	0.279	0.266	0.010	-4.6392	40.0
Fluorene-d10	1.179	1.157	0.100	-1.8792	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.108	0.010	7.0431	40.0
Anthracene-d10	0.856	0.834	0.300	-2.5576	20.0
Pyrene-d10	1.070	1.089	0.300	1.7574	25.0
Benzo(a)pyrene-d12	0.955	0.932	0.010	-2.3947	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.: BN061424 SAS No.: BN061424 SDG No.: BN061424

Instrument ID: BNA_N Calibration Date/Time: 6/14/2024 1:15:50

Lab File ID: BN032002.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020291 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	0.456	0.010	-11.8768	40.0
Benzaldehyde	0.804	0.778	0.010	-3.2797	40.0
Pyridine	1.361	1.185	0.010	-12.9463	40.0
Phenol	1.745	1.586	0.080	-9.1072	20.0
Bis(2-Chloroethyl)ether	1.443	1.322	0.100	-8.3768	20.0
2-Chlorophenol	1.369	1.301	0.200	-4.9649	20.0
2-Methylphenol	1.348	1.226	0.010	-9.0662	20.0
2,2-oxybis(1-Chloropropane)	1.661	1.524	0.010	-8.2599	40.0
Acetophenone	2.118	1.973	0.060	-6.8707	20.0
4-Methylphenol	1.461	1.320	0.010	-9.6552	20.0
N-Nitroso-di-n-propylamine	1.098	0.956	0.050	-12.9042	30.0
Hexachloroethane	0.580	0.554	0.100	-4.455	20.0
Nitrobenzene	0.364	0.350	0.050	-3.9369	25.0
Isophorone	0.747	0.653	0.050	-12.6252	25.0
2-Nitrophenol	0.173	0.176	0.050	1.7776	25.0
2,4-Dimethylphenol	0.336	0.318	0.050	-5.1646	25.0
Bis(2-Chloroethoxy)methane	0.466	0.414	0.050	-11.0387	20.0
2,4-Dichlorophenol	0.291	0.282	0.060	-3.1837	20.0
Naphthalene	1.035	1.009	0.200	-2.4837	20.0
4-Chloroaniline	0.425	0.388	0.010	-8.8082	40.0
Hexachlorobutadiene	0.175	0.180	0.040	3.0053	30.0
Caprolactam	0.114	0.089	0.010	-21.5015	40.0
4-Chloro-3-methylphenol	0.340	0.310	0.040	-8.8784	25.0
1-Methylnaphthalene	0.710	0.665	0.100	-6.3092	20.0
2-Methylnaphthalene	0.708	0.663	0.100	-6.3207	20.0
Hexachlorocyclopentadiene	0.305	0.349	0.010	14.623	40.0
2,4,6-Trichlorophenol	0.359	0.348	0.090	-3.1433	25.0
2,4,5-Trichlorophenol	0.390	0.379	0.100	-2.934	25.0
1,1-Biphenyl	1.407	1.360	0.200	-3.3529	20.0
2-Chloronaphthalene	1.102	1.065	0.300	-3.3766	20.0
2-Nitroaniline	0.319	0.296	0.050	-7.4436	40.0
Dimethylphthalate	1.425	1.295	0.300	-9.1059	20.0
2,6-Dinitrotoluene	0.283	0.264	0.080	-6.8211	30.0
Acenaphthylene	1.811	1.751	0.400	-3.2817	20.0
3-Nitroaniline	0.303	0.270	0.010	-10.7676	40.0
Acenaphthene	1.198	1.143	0.200	-4.5712	20.0
2,4-Dinitrophenol	0.143	0.113	0.010	-21.225	40.0
4-Nitrophenol	0.207	0.177	0.010	-14.6535	40.0
Dibenzofuran	1.628	1.523	0.300	-6.4424	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN061424 SAS No.: BN061424 SDG No.: BN061424
Instrument ID: BNA_N Calibration Date/Time: 6/14/2024 1:15:50
Lab File ID: BN032002.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020291 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	0.364	0.070	-12.3852	30.0
Diethylphthalate	1.470	1.267	0.300	-13.855	20.0
Fluorene	1.311	1.233	0.200	-5.9591	20.0
4-Chlorophenyl-phenylether	0.635	0.604	0.100	-4.9351	20.0
4-Nitroaniline	0.288	0.269	0.010	-6.6468	40.0
4,6-Dinitro-2-methylphenol	0.107	0.104	0.010	-2.5274	40.0
N-Nitrosodiphenylamine	0.551	0.552	0.050	0.0727	20.0
1,2,4,5-Tetrachlorobenzene	0.529	0.542	0.100	2.5325	20.0
4-Bromophenyl-phenylether	0.194	0.195	0.070	0.703	20.0
Hexachlorobenzene	0.220	0.220	0.050	0.071	25.0
Atrazine	0.174	0.152	0.010	-12.9298	25.0
Pentachlorophenol	0.141	0.124	0.010	-11.8252	40.0
Phenanthrene	1.019	0.977	0.200	-4.0735	20.0
Pentachlorobenzene	0.251	0.270	0.050	7.6021	20.0
Anthracene	1.032	1.007	0.200	-2.4908	20.0
1,2,3,4-Tetrachlorobenzene	0.257	0.285	0.050	10.8017	20.0
Carbazole	0.880	0.904	0.050	2.6702	40.0
Di-n-butylphthalate	1.211	1.135	0.500	-6.2588	25.0
Fluoranthene	1.279	1.268	0.400	-0.8697	25.0
Pyrene	1.312	1.289	0.400	-1.7853	25.0
Butylbenzylphthalate	0.620	0.576	0.100	-7.0177	40.0
3,3-Dichlorobenzidine	0.384	0.396	0.010	3.3163	40.0
Benzo (a) anthracene	1.339	1.293	0.300	-3.4031	30.0
Chrysene	1.250	1.193	0.200	-4.571	30.0
Bis (2-ethylhexyl) phthalate	0.904	0.839	0.200	-7.1641	40.0
Di-n-octyl phthalate	1.339	1.206	0.010	-9.9371	40.0
Benzo (b) fluoranthene	1.195	1.085	0.200	-9.22	25.0
Benzo (k) fluoranthene	1.173	1.075	0.200	-8.3684	25.0
Benzo (a) pyrene	1.120	1.053	0.200	-5.9956	20.0
Indeno (1,2,3-cd) pyrene	1.290	1.324	0.200	2.5883	25.0
Dibenzo (a,h) anthracene	1.053	1.089	0.200	3.3899	30.0
Benzo (g,h,i) perylene	1.026	1.079	0.200	5.1674	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.299	0.040	-8.3451	20.0
1,4-Dioxane-d8	0.483	0.442	0.010	-8.648	25.0
Pyridine-d5	1.361	1.215	0.010	-10.7468	40.0
Phenol-d5	1.715	1.572	0.010	-8.3084	25.0
Bis- (2-Chloroethyl) ether-d8	1.003	0.896	0.050	-10.6379	25.0
2-Chlorophenol-d4	1.308	1.255	0.200	-4.0414	20.0
4-Methylphenol-d8	1.398	1.259	0.010	-9.8984	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN061424 SAS No.: BN061424 SDG No.: BN061424

Instrument ID: BNA_N Calibration Date/Time: 6/14/2024 1:15:50

Lab File ID: BN032002.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020291 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.152	0.050	-0.8951	20.0
2-Nitrophenol-d4	0.158	0.162	0.050	2.5435	30.0
2,4-Dichlorophenol-d3	0.295	0.285	0.060	-3.2849	20.0
4-Chloroaniline-d4	0.438	0.399	0.010	-8.9754	40.0
Dimethylphthalate-d6	1.393	1.265	0.300	-9.2252	20.0
Acenaphthylene-d8	1.602	1.545	0.400	-3.5357	20.0
4-Nitrophenol-d4	0.279	0.232	0.010	-16.844	40.0
Fluorene-d10	1.179	1.092	0.100	-7.3634	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.094	0.010	-6.98	40.0
Anthracene-d10	0.856	0.826	0.300	-3.5802	20.0
Pyrene-d10	1.070	1.073	0.300	0.2282	25.0
Benzo(a)pyrene-d12	0.955	0.912	0.010	-4.5544	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.: BN061424 SAS No.: BN061424 SDG No.: BN061424
Instrument ID: BNA_N Calibration Date/Time: 6/15/2024 1:02:22
Lab File ID: BN032017.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020292 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	-12.9194	40.0
Benzaldehyde	0.804	0.804	0.010	0.0175	40.0
Pyridine	1.361	1.216	0.010	-10.6122	40.0
Phenol	1.745	1.632	0.080	-6.4717	20.0
Bis(2-Chloroethyl)ether	1.443	1.344	0.100	-6.8476	20.0
2-Chlorophenol	1.369	1.342	0.200	-1.9671	20.0
2-Methylphenol	1.348	1.259	0.010	-6.5911	20.0
2,2-oxybis(1-Chloropropane)	1.661	1.556	0.010	-6.3033	40.0
Acetophenone	2.118	2.001	0.060	-5.5156	20.0
4-Methylphenol	1.461	1.338	0.010	-8.4172	20.0
N-Nitroso-di-n-propylamine	1.098	0.969	0.050	-11.6977	30.0
Hexachloroethane	0.580	0.558	0.100	-3.7101	20.0
Nitrobenzene	0.364	0.350	0.050	-4.041	25.0
Isophorone	0.747	0.653	0.050	-12.5636	25.0
2-Nitrophenol	0.173	0.174	0.050	0.8633	25.0
2,4-Dimethylphenol	0.336	0.323	0.050	-3.9338	25.0
Bis(2-Chloroethoxy)methane	0.466	0.414	0.050	-11.0212	20.0
2,4-Dichlorophenol	0.291	0.290	0.060	-0.5725	20.0
Naphthalene	1.035	0.996	0.200	-3.7523	20.0
4-Chloroaniline	0.425	0.383	0.010	-9.9657	40.0
Hexachlorobutadiene	0.175	0.176	0.040	0.7658	30.0
Caprolactam	0.114	0.088	0.010	-22.8395	40.0
4-Chloro-3-methylphenol	0.340	0.306	0.040	-9.9733	25.0
1-Methylnaphthalene	0.710	0.659	0.100	-7.1444	20.0
2-Methylnaphthalene	0.708	0.654	0.100	-7.6039	20.0
Hexachlorocyclopentadiene	0.305	0.350	0.010	14.8539	40.0
2,4,6-Trichlorophenol	0.359	0.370	0.090	2.9339	25.0
2,4,5-Trichlorophenol	0.390	0.389	0.100	-0.2795	25.0
1,1-Biphenyl	1.407	1.428	0.200	1.5003	20.0
2-Chloronaphthalene	1.102	1.141	0.300	3.5743	20.0
2-Nitroaniline	0.319	0.308	0.050	-3.4372	40.0
Dimethylphthalate	1.425	1.341	0.300	-5.9047	20.0
2,6-Dinitrotoluene	0.283	0.274	0.080	-3.161	30.0
Acenaphthylene	1.811	1.804	0.400	-0.3654	20.0
3-Nitroaniline	0.303	0.285	0.010	-5.8127	40.0
Acenaphthene	1.198	1.183	0.200	-1.2211	20.0
2,4-Dinitrophenol	0.143	0.132	0.010	-7.7097	40.0
4-Nitrophenol	0.207	0.177	0.010	-14.4737	40.0
Dibenzofuran	1.628	1.575	0.300	-3.2631	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN061424 SAS No.: BN061424 SDG No.: BN061424

Instrument ID: BNA_N Calibration Date/Time: 6/15/2024 1:02:22

Lab File ID: BN032017.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020292 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	0.376	0.070	-9.6428	30.0
Diethylphthalate	1.470	1.300	0.300	-11.5789	20.0
Fluorene	1.311	1.249	0.200	-4.7242	20.0
4-Chlorophenyl-phenylether	0.635	0.617	0.100	-2.7379	20.0
4-Nitroaniline	0.288	0.277	0.010	-3.9701	40.0
4,6-Dinitro-2-methylphenol	0.107	0.101	0.010	-5.2721	40.0
N-Nitrosodiphenylamine	0.551	0.562	0.050	1.9593	20.0
1,2,4,5-Tetrachlorobenzene	0.529	0.573	0.100	8.2991	20.0
4-Bromophenyl-phenylether	0.194	0.205	0.070	5.6539	20.0
Hexachlorobenzene	0.220	0.230	0.050	4.5838	25.0
Atrazine	0.174	0.152	0.010	-12.4636	25.0
Pentachlorophenol	0.141	0.125	0.010	-11.2115	40.0
Phenanthrene	1.019	0.985	0.200	-3.2836	20.0
Pentachlorobenzene	0.251	0.278	0.050	10.7583	20.0
Anthracene	1.032	1.003	0.200	-2.8609	20.0
1,2,3,4-Tetrachlorobenzene	0.257	0.293	0.050	13.6949	20.0
Carbazole	0.880	0.882	0.050	0.2493	40.0
Di-n-butylphthalate	1.211	1.118	0.500	-7.6551	25.0
Fluoranthene	1.279	1.307	0.400	2.2058	25.0
Pyrene	1.312	1.330	0.400	1.3778	25.0
Butylbenzylphthalate	0.620	0.587	0.100	-5.3579	40.0
3,3-Dichlorobenzidine	0.384	0.384	0.010	0.004	40.0
Benzo (a) anthracene	1.339	1.286	0.300	-3.9063	30.0
Chrysene	1.250	1.180	0.200	-5.6666	30.0
Bis (2-ethylhexyl) phthalate	0.904	0.846	0.200	-6.3703	40.0
Di-n-octyl phthalate	1.339	1.202	0.010	-10.2458	40.0
Benzo (b) fluoranthene	1.195	1.094	0.200	-8.4909	25.0
Benzo (k) fluoranthene	1.173	1.126	0.200	-3.9999	25.0
Benzo (a) pyrene	1.120	1.079	0.200	-3.6685	20.0
Indeno (1,2,3-cd) pyrene	1.290	1.355	0.200	5.0254	25.0
Dibenzo (a,h) anthracene	1.053	1.111	0.200	5.451	30.0
Benzo (g,h,i) perylene	1.026	1.098	0.200	7.0265	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.307	0.040	-6.0251	20.0
1,4-Dioxane-d8	0.483	0.421	0.010	-12.9046	25.0
Pyridine-d5	1.361	1.247	0.010	-8.3901	40.0
Phenol-d5	1.715	1.604	0.010	-6.4229	25.0
Bis- (2-Chloroethyl) ether-d8	1.003	0.921	0.050	-8.1627	25.0
2-Chlorophenol-d4	1.308	1.276	0.200	-2.4691	20.0
4-Methylphenol-d8	1.398	1.289	0.010	-7.7915	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN061424 SAS No.: BN061424 SDG No.: BN061424

Instrument ID: BNA_N Calibration Date/Time: 6/15/2024 1:02:22

Lab File ID: BN032017.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020292 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.152	0.050	-0.4715	20.0
2-Nitrophenol-d4	0.158	0.164	0.050	3.8683	30.0
2,4-Dichlorophenol-d3	0.295	0.287	0.060	-2.8132	20.0
4-Chloroaniline-d4	0.438	0.394	0.010	-9.9635	40.0
Dimethylphthalate-d6	1.393	1.292	0.300	-7.2577	20.0
Acenaphthylene-d8	1.602	1.575	0.400	-1.6811	20.0
4-Nitrophenol-d4	0.279	0.230	0.010	-17.4	40.0
Fluorene-d10	1.179	1.118	0.100	-5.191	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.093	0.010	-7.865	40.0
Anthracene-d10	0.856	0.804	0.300	-6.1107	20.0
Pyrene-d10	1.070	1.082	0.300	1.1187	25.0
Benzo(a)pyrene-d12	0.955	0.909	0.010	-4.8067	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.: BN061424 SAS No.: BN061424 SDG No.: BN061424

Instrument ID: BNA_N Calibration Date/Time: 6/15/2024 1:08:57

Lab File ID: BN032026.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020293 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	0.429	0.010	-16.972	50.0
Benzaldehyde	0.804	0.809	0.010	0.6329	50.0
Pyridine	1.361	1.200	0.010	-11.7855	50.0
Phenol	1.745	1.657	0.080	-5.0189	50.0
Bis(2-Chloroethyl) ether	1.443	1.363	0.100	-5.5422	50.0
2-Chlorophenol	1.369	1.332	0.200	-2.7117	50.0
2-Methylphenol	1.348	1.303	0.010	-3.295	50.0
2,2-oxybis(1-Chloropropane)	1.661	1.592	0.010	-4.1733	50.0
Acetophenone	2.118	2.089	0.060	-1.3569	50.0
4-Methylphenol	1.461	1.423	0.010	-2.6148	50.0
N-Nitroso-di-n-propylamine	1.098	1.025	0.050	-6.5963	50.0
Hexachloroethane	0.580	0.560	0.100	-3.3225	50.0
Nitrobenzene	0.364	0.347	0.050	-4.6944	50.0
Isophorone	0.747	0.672	0.050	-10.0331	50.0
2-Nitrophenol	0.173	0.178	0.050	3.3226	50.0
2,4-Dimethylphenol	0.336	0.324	0.050	-3.4863	50.0
Bis(2-Chloroethoxy) methane	0.466	0.421	0.050	-9.6653	50.0
2,4-Dichlorophenol	0.291	0.291	0.060	0.0502	50.0
Naphthalene	1.035	0.986	0.200	-4.764	50.0
4-Chloroaniline	0.425	0.403	0.010	-5.2601	50.0
Hexachlorobutadiene	0.175	0.174	0.040	-0.6413	50.0
Caprolactam	0.114	0.102	0.010	-9.9919	50.0
4-Chloro-3-methylphenol	0.340	0.332	0.040	-2.4581	50.0
1-Methylnaphthalene	0.710	0.682	0.100	-3.8874	50.0
2-Methylnaphthalene	0.708	0.687	0.100	-2.8453	50.0
Hexachlorocyclopentadiene	0.305	0.283	0.010	-7.2935	50.0
2,4,6-Trichlorophenol	0.359	0.362	0.090	0.8028	50.0
2,4,5-Trichlorophenol	0.390	0.388	0.100	-0.4825	50.0
1,1-Biphenyl	1.407	1.351	0.200	-3.9392	50.0
2-Chloronaphthalene	1.102	1.072	0.300	-2.6803	50.0
2-Nitroaniline	0.319	0.310	0.050	-2.9305	50.0
Dimethylphthalate	1.425	1.339	0.300	-6.0381	50.0
2,6-Dinitrotoluene	0.283	0.286	0.080	0.9666	50.0
Acenaphthylene	1.811	1.781	0.400	-1.6393	50.0
3-Nitroaniline	0.303	0.305	0.010	0.584	50.0
Acenaphthene	1.198	1.158	0.200	-3.3008	50.0
2,4-Dinitrophenol	0.143	0.135	0.010	-5.8453	50.0
4-Nitrophenol	0.207	0.188	0.010	-9.1237	50.0
Dibenzofuran	1.628	1.574	0.300	-3.3147	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN061424 SAS No.: BN061424 SDG No.: BN061424
Instrument ID: BNA_N Calibration Date/Time: 6/15/2024 1:08:57
Lab File ID: BN032026.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020293 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	0.406	0.070	-2.3224	50.0
Diethylphthalate	1.470	1.372	0.300	-6.7156	50.0
Fluorene	1.311	1.279	0.200	-2.4464	50.0
4-Chlorophenyl-phenylether	0.635	0.624	0.100	-1.7618	50.0
4-Nitroaniline	0.288	0.307	0.010	6.5252	50.0
4,6-Dinitro-2-methylphenol	0.107	0.099	0.010	-7.1327	50.0
N-Nitrosodiphenylamine	0.551	0.544	0.050	-1.3744	50.0
1,2,4,5-Tetrachlorobenzene	0.529	0.532	0.100	0.5644	50.0
4-Bromophenyl-phenylether	0.194	0.197	0.070	1.5651	50.0
Hexachlorobenzene	0.220	0.226	0.050	2.6987	50.0
Atrazine	0.174	0.157	0.010	-10.0093	50.0
Pentachlorophenol	0.141	0.127	0.010	-9.7093	50.0
Phenanthrene	1.019	0.994	0.200	-2.3985	50.0
Pentachlorobenzene	0.251	0.258	0.050	2.8404	50.0
Anthracene	1.032	0.976	0.200	-5.4591	50.0
1,2,3,4-Tetrachlorobenzene	0.257	0.270	0.050	5.0182	50.0
Carbazole	0.880	0.898	0.050	2.0195	50.0
Di-n-butylphthalate	1.211	1.194	0.500	-1.3938	50.0
Fluoranthene	1.279	1.638	0.400	28.0621	50.0
Pyrene	1.312	1.645	0.400	25.348	50.0
Butylbenzylphthalate	0.620	0.719	0.100	15.9625	50.0
3,3-Dichlorobenzidine	0.384	0.357	0.010	-6.969	50.0
Benzo (a) anthracene	1.339	1.280	0.300	-4.3577	50.0
Chrysene	1.250	1.187	0.200	-5.041	50.0
Bis (2-ethylhexyl) phthalate	0.904	0.985	0.200	9.0222	50.0
Di-n-octyl phthalate	1.339	1.450	0.010	8.3101	50.0
Benzo (b) fluoranthene	1.195	1.129	0.200	-5.5643	50.0
Benzo (k) fluoranthene	1.173	1.141	0.200	-2.7471	50.0
Benzo (a) pyrene	1.120	1.080	0.200	-3.4987	50.0
Indeno (1,2,3-cd) pyrene	1.290	1.338	0.200	3.7068	50.0
Dibenzo (a,h) anthracene	1.053	1.082	0.200	2.7165	50.0
Benzo (g,h,i) perylene	1.026	1.064	0.200	3.7294	50.0
2,3,4,6-Tetrachlorophenol	0.326	0.320	0.040	-1.9474	50.0
Pyridine-d5	1.361	1.213	0.010	-10.8737	50.0
1,4-Dioxane-d8	0.483	0.405	0.010	-16.3185	50.0
Phenol-d5	1.715	1.633	0.010	-4.7644	50.0
Bis- (2-Chloroethyl) ether-d8	1.003	0.923	0.050	-7.9797	50.0
2-Chlorophenol-d4	1.308	1.276	0.200	-2.4424	50.0
4-Methylphenol-d8	1.398	1.362	0.010	-2.5712	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BN061424 SAS No.: BN061424 SDG No.: BN061424
 Instrument ID: BNA_N Calibration Date/Time: 6/15/2024 1:08:57
 Lab File ID: BN032026.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020293 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	-1.4179	50.0
2-Nitrophenol-d4	0.158	0.167	0.050	5.6719	50.0
2,4-Dichlorophenol-d3	0.295	0.299	0.060	1.4571	50.0
4-Chloroaniline-d4	0.438	0.415	0.010	-5.2828	50.0
Dimethylphthalate-d6	1.393	1.289	0.300	-7.5072	50.0
Acenaphthylene-d8	1.602	1.544	0.400	-3.6019	50.0
4-Nitrophenol-d4	0.279	0.250	0.010	-10.5509	50.0
Fluorene-d10	1.179	1.122	0.100	-4.8164	50.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.095	0.010	-5.6337	50.0
Anthracene-d10	0.856	0.822	0.300	-4.0443	50.0
Pyrene-d10	1.070	1.301	0.300	21.5324	50.0
Benzo(a)pyrene-d12	0.955	0.921	0.010	-3.6008	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	SBLK357	SDG No.:	BN061424
Lab Sample ID:	PB161357BL	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
BN031995.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

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:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	SBLK357	SDG No.:	BN061424
Lab Sample ID:	PB161357BL	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
BN031995.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

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:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	SBLK357	SDG No.:	BN061424
Lab Sample ID:	PB161357BL	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
BN031995.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

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	5.918		15-120		74	SPK: -8
7291-22-7	Pyridine-d5	29.085		20-120		73	SPK: -40
4165-62-2	Phenol-d5	29.924		10-130		75	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.227		10-150		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.635		15-120		82	SPK: -40
190780-66-6	4-Methylphenol-d8	30.547		10-140		76	SPK: -40
4165-60-0	Nitrobenzene-d5	33.178		10-135		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.104		10-120		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.734		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.551		1-145		81	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.464		10-145		86	SPK: -40
93951-97-4	Acenaphthylene-d8	31.745		15-120		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.712		10-150		79	SPK: -40
81103-79-9	Fluorene-d10	32.766		20-140		82	SPK: -40

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	SBLK357	SDG No.:	BN061424
Lab Sample ID:	PB161357BL	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
BN031995.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.993		10-130		82	SPK: -40
1719-06-8	Anthracene-d10	33.081		10-150		83	SPK: -40
1718-52-1	Pyrene-d10	31.876		10-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.501		10-140		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	299060	7.657				
1146-65-2	Naphthalene-d8	1334522	10.434				
15067-26-2	Acenaphthene-d10	947665	14.298				
1517-22-2	Phenanthrene-d10	2043848	17.051				
1719-03-5	Chrysene-d12	1891784	21.292				
1520-96-3	Perylene-d12	1773905	24.221				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	97	J			17.951	
E966796	Total Alkanes	46	U			99	ug/Kg



Client:				Date Collected:	5/31/2024 12:00:00 AM	
Project:				Date Received:	5/31/2024 12:00:00 AM	
Client Sample ID:	A4DG5			SDG No.:	BN061424	
Lab Sample ID:	P2695-17			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	0	
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
BN031996.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	6.6	66	ug/Kg
100-52-7	Benzaldehyde	48	U	48	82.2	330	ug/Kg
110-86-1	Pyridine	12	U	12	160	330	ug/Kg
108-95-2	Phenol	2000		45	82.2	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	3700		35	82.2	330	ug/Kg
95-57-8	2-Chlorophenol	1700		22	42.4	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.2	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	29	U	29	82.2	330	ug/Kg
98-86-2	Acetophenone	59	U	59	82.2	330	ug/Kg
106-44-5	4-Methylphenol	41	U	41	82.2	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	5500	E	37	42.4	170	ug/Kg
67-72-1	Hexachloroethane	16	U	16	42.4	170	ug/Kg
98-95-3	Nitrobenzene	4000	E	27	42.4	170	ug/Kg
78-59-1	Isophorone	36	U	36	42.4	170	ug/Kg
88-75-5	2-Nitrophenol	5100	E	30	42.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	8.5	U	8.5	42.4	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	3300	E	31	42.4	170	ug/Kg
120-83-2	2,4-Dichlorophenol	5000	E	34	42.4	170	ug/Kg
91-20-3	Naphthalene	33	U	33	42.4	170	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	42.4	330	ug/Kg
87-68-3	Hexachlorobutadiene	26	U	26	42.4	170	ug/Kg
105-60-2	Caprolactam	40	U	40	82.2	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	4600	E	36	42.4	170	ug/Kg
90-12-0	1-Methylnaphthalene	19	U	19	42.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	42.4	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	19	U	19	82.2	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2500		50	42.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3400	E	49	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4DG5	SDG No.:	BN061424
Lab Sample ID:	P2695-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BN031996.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	46	U	46	42.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	42.4	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.4	170	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	42.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	3500	E	26	42.4	170	ug/Kg
208-96-8	Acenaphthylene	46	U	46	42.4	170	ug/Kg
99-09-2	3-Nitroaniline	14	U	14	82.2	330	ug/Kg
83-32-9	Acenaphthene	4700	E	50	42.4	170	ug/Kg
51-28-5	2,4-Dinitrophenol	32	U	32	82.2	330	ug/Kg
100-02-7	4-Nitrophenol	2500		11	82.2	330	ug/Kg
132-64-9	Dibenzofuran	40	U	40	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	5600	E	13	42.4	170	ug/Kg
84-66-2	Diethylphthalate	2000		41	42.4	170	ug/Kg
86-73-7	Fluorene	3500	E	58	42.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	48	U	48	42.4	170	ug/Kg
100-01-6	4-Nitroaniline	16	U	16	82.2	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	39	U	39	82.2	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	42.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	42.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2800	E	99	42.4	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.4	170	ug/Kg
1912-24-9	Atrazine	11	U	11	82.2	330	ug/Kg
87-86-5	Pentachlorophenol	5200		38	82.2	330	ug/Kg
85-01-8	Phenanthrene	3500	E	53	42.4	170	ug/Kg
608-93-5	Pentachlorobenzene	36	U	36	42.4	170	ug/Kg
120-12-7	Anthracene	1300		47	42.4	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	5.6	U	5.6	42.4	170	ug/Kg
86-74-8	Carbazole	61	U	61	82.2	330	ug/Kg
84-74-2	Di-n-butylphthalate	4700	E	57	42.4	170	ug/Kg
206-44-0	Fluoranthene	2900	E	45	82.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4DG5	SDG No.:	BN061424
Lab Sample ID:	P2695-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BN031996.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	5500	E	46	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	3300	E	43	42.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	82.2	330	ug/Kg
56-55-3	Benzo(a)anthracene	2500		39	42.4	170	ug/Kg
218-01-9	Chrysene	1700		46	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4300	E	43	42.4	170	ug/Kg
117-84-0	Di-n-octyl phthalate	4800		43	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		48	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	2300		58	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1100		57	42.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		45	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4600	E	52	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	42.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	42.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.198		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	29.377		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.837		10-150		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.489		15-120		79	SPK: -40
190780-66-6	4-Methylphenol-d8	29.496		10-140		74	SPK: -40
4165-60-0	Nitrobenzene-d5	32.89		10-135		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.165		10-120		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.473		10-140		91	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.429		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.389		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	33.509		15-120		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.357		10-150		63	SPK: -40
81103-79-9	Fluorene-d10	32.448		20-140		81	SPK: -40

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4DG5	SDG No.:	BN061424
Lab Sample ID:	P2695-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BN031996.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.911		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	35.146		10-150		88	SPK: -40
1718-52-1	Pyrene-d10	38.256		10-130		96	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.779		10-140		92	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	284100	7.658				
1146-65-2	Naphthalene-d8	1184006	10.44				
15067-26-2	Acenaphthene-d10	694148	14.304				
1517-22-2	Phenanthrene-d10	1298812	17.051				
1719-03-5	Chrysene-d12	1067440	21.292				
1520-96-3	Perylene-d12	1314877	24.221				
TENTATIVE IDENTIFIED COMPOUNDS							
000106-46-7	Benzene, 1,4-dichloro-	2100	J			7.54	
000095-50-1	Benzene, 1,2-dichloro-	6300	J			8.005	
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.187	
000111-82-0	Dodecanoic acid, methyl ester	77	J			14.428	
000112-39-0	Hexadecanoic acid, methyl ester	130	J			17.728	
000057-10-3	n-Hexadecanoic acid	780	J			17.957	
000084-65-1	9,10-Anthracenedione	170	J			18.481	
000112-62-9	9-Octadecenoic acid (Z)-, methyl e	91	J			18.904	
000112-61-8	Methyl stearate	79	J			19.045	
000057-11-4	Octadecanoic acid	120	J			19.239	
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4DG5DL	SDG No.:	BN061424
Lab Sample ID:	P2695-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BN031997.D	5	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	60	U	60	32.9	330	ug/Kg
100-52-7	Benzaldehyde	240	U	240	410	1600	ug/Kg
110-86-1	Pyridine	60	U	60	820	1600	ug/Kg
108-95-2	Phenol	2000	D	220	410	1600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	3700	D	170	410	1600	ug/Kg
95-57-8	2-Chlorophenol	1600	D	110	210	850	ug/Kg
95-48-7	2-Methylphenol	190	U	190	410	1600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	410	1600	ug/Kg
98-86-2	Acetophenone	290	U	290	410	1600	ug/Kg
106-44-5	4-Methylphenol	200	U	200	410	1600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	6400	D	180	210	850	ug/Kg
67-72-1	Hexachloroethane	80	U	80	210	850	ug/Kg
98-95-3	Nitrobenzene	3900	D	130	210	850	ug/Kg
78-59-1	Isophorone	180	U	180	210	850	ug/Kg
88-75-5	2-Nitrophenol	4700	D	150	210	850	ug/Kg
105-67-9	2,4-Dimethylphenol	42	U	42	210	850	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	3400	D	150	210	850	ug/Kg
120-83-2	2,4-Dichlorophenol	5200	D	170	210	850	ug/Kg
91-20-3	Naphthalene	160	U	160	210	850	ug/Kg
106-47-8	4-Chloroaniline	220	U	220	210	1600	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	210	850	ug/Kg
105-60-2	Caprolactam	200	U	200	410	1600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	5200	D	180	210	850	ug/Kg
90-12-0	1-Methylnaphthalene	95	U	95	210	850	ug/Kg
91-57-6	2-Methylnaphthalene	180	U	180	210	850	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	410	1600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2400	D	250	210	850	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3300	D	240	210	850	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4DG5DL	SDG No.:	BN061424
Lab Sample ID:	P2695-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BN031997.D	5	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	230	U	230	210	850	ug/Kg
91-58-7	2-Chloronaphthalene	220	U	220	210	850	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	210	850	ug/Kg
131-11-3	Dimethylphthalate	190	U	190	210	850	ug/Kg
606-20-2	2,6-Dinitrotoluene	3400	D	130	210	850	ug/Kg
208-96-8	Acenaphthylene	230	U	230	210	850	ug/Kg
99-09-2	3-Nitroaniline	70	U	70	410	1600	ug/Kg
83-32-9	Acenaphthene	5400	D	250	210	850	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	410	1600	ug/Kg
100-02-7	4-Nitrophenol	2600	D	55	410	1600	ug/Kg
132-64-9	Dibenzofuran	200	U	200	210	850	ug/Kg
121-14-2	2,4-Dinitrotoluene	6100	D	65	210	850	ug/Kg
84-66-2	Diethylphthalate	2100	D	200	210	850	ug/Kg
86-73-7	Fluorene	4000	D	290	210	850	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	240	U	240	210	850	ug/Kg
100-01-6	4-Nitroaniline	80	U	80	410	1600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	190	U	190	410	1600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	220	U	220	210	850	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	220	210	850	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2600	D	490	210	850	ug/Kg
118-74-1	Hexachlorobenzene	250	U	250	210	850	ug/Kg
1912-24-9	Atrazine	55	U	55	410	1600	ug/Kg
87-86-5	Pentachlorophenol	5200	D	190	410	1600	ug/Kg
85-01-8	Phenanthrene	3700	D	260	210	850	ug/Kg
608-93-5	Pentachlorobenzene	180	U	180	210	850	ug/Kg
120-12-7	Anthracene	1300	D	230	210	850	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	28	U	28	210	850	ug/Kg
86-74-8	Carbazole	300	U	300	410	1600	ug/Kg
84-74-2	Di-n-butylphthalate	5600	D	280	210	850	ug/Kg
206-44-0	Fluoranthene	3500	D	220	410	850	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4DG5DL	SDG No.:	BN061424
Lab Sample ID:	P2695-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BN031997.D	5	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	7600	D	230	210	850	ug/Kg
85-68-7	Butylbenzylphthalate	3600	D	210	210	850	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	410	1600	ug/Kg
56-55-3	Benzo(a)anthracene	2600	D	190	210	850	ug/Kg
218-01-9	Chrysene	1700	D	230	210	850	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4500	D	210	210	850	ug/Kg
117-84-0	Di-n-octyl phthalate	5800	D	210	410	1600	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300	D	240	210	850	ug/Kg
207-08-9	Benzo(k)fluoranthene	2400	D	290	210	850	ug/Kg
50-32-8	Benzo(a)pyrene	1000	D	280	210	850	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400	D	220	210	850	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4300	D	260	210	850	ug/Kg
191-24-2	Benzo(g,h,i)perylene	230	U	230	210	850	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	260	U	260	210	850	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.14		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	27.135		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.975		10-150		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.13		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	28.9		10-140		72	SPK: -40
4165-60-0	Nitrobenzene-d5	28.865		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.67		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.16		10-140		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.225		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.995		10-145		80	SPK: -40
93951-97-4	Acenaphthylene-d8	32.41		15-120		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.285		10-150		63	SPK: -40
81103-79-9	Fluorene-d10	33.85		20-140		85	SPK: -40

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4DG5DL	SDG No.:	BN061424
Lab Sample ID:	P2695-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BN031997.D	5	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.985		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	34.85		10-150		87	SPK: -40
1718-52-1	Pyrene-d10	41.99		10-130		105	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.075		10-140		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	309070	7.652				
1146-65-2	Naphthalene-d8	1406170	10.434				
15067-26-2	Acenaphthene-d10	940122	14.298				
1517-22-2	Phenanthrene-d10	1962347	17.051				
1719-03-5	Chrysene-d12	1378909	21.286				
1520-96-3	Perylene-d12	1293971	24.216				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-50-1	Benzene, 1,2-dichloro-	2100	JD			7.54	
000541-73-1	Benzene, 1,3-dichloro-	6900	JD			7.999	
000057-10-3	n-Hexadecanoic acid	560	JD			17.951	
E966796	Total Alkanes	230	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BK3	SDG No.:	BN061424
Lab Sample ID:	P2695-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53
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
BN031998.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	26	U	26	14	140	ug/Kg
100-52-7	Benzaldehyde	100	U	100	180	700	ug/Kg
110-86-1	Pyridine	26	U	26	350	700	ug/Kg
108-95-2	Phenol	96	U	96	180	700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	74	U	74	180	700	ug/Kg
95-57-8	2-Chlorophenol	47	U	47	90.4	360	ug/Kg
95-48-7	2-Methylphenol	83	U	83	180	700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62	U	62	180	700	ug/Kg
98-86-2	Acetophenone	130	U	130	180	700	ug/Kg
106-44-5	4-Methylphenol	87	U	87	180	700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	79	U	79	90.4	360	ug/Kg
67-72-1	Hexachloroethane	34	U	34	90.4	360	ug/Kg
98-95-3	Nitrobenzene	57	U	57	90.4	360	ug/Kg
78-59-1	Isophorone	77	U	77	90.4	360	ug/Kg
88-75-5	2-Nitrophenol	64	U	64	90.4	360	ug/Kg
105-67-9	2,4-Dimethylphenol	18	U	18	90.4	360	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	66	U	66	90.4	360	ug/Kg
120-83-2	2,4-Dichlorophenol	72	U	72	90.4	360	ug/Kg
91-20-3	Naphthalene	70	U	70	90.4	360	ug/Kg
106-47-8	4-Chloroaniline	94	U	94	90.4	700	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	90.4	360	ug/Kg
105-60-2	Caprolactam	85	U	85	180	700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77	U	77	90.4	360	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	90.4	360	ug/Kg
91-57-6	2-Methylnaphthalene	79	U	79	90.4	360	ug/Kg
77-47-4	Hexachlorocyclopentadiene	40	U	40	180	700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	90.4	360	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	90.4	360	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BK3	SDG No.:	BN061424
Lab Sample ID:	P2695-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53
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
BN031998.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	98	U	98	90.4	360	ug/Kg
91-58-7	2-Chloronaphthalene	94	U	94	90.4	360	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	90.4	360	ug/Kg
131-11-3	Dimethylphthalate	81	U	81	90.4	360	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	90.4	360	ug/Kg
208-96-8	Acenaphthylene	98	U	98	90.4	360	ug/Kg
99-09-2	3-Nitroaniline	30	U	30	180	700	ug/Kg
83-32-9	Acenaphthene	110	U	110	90.4	360	ug/Kg
51-28-5	2,4-Dinitrophenol	68	U	68	180	700	ug/Kg
100-02-7	4-Nitrophenol	23	U	23	180	700	ug/Kg
132-64-9	Dibenzofuran	85	U	85	90.4	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	28	U	28	90.4	360	ug/Kg
84-66-2	Diethylphthalate	87	U	87	90.4	360	ug/Kg
86-73-7	Fluorene	120	U	120	90.4	360	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	90.4	360	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	180	700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	83	U	83	180	700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	96	U	96	90.4	360	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	96	U	96	90.4	360	ug/Kg
101-55-3	4-Bromophenyl-phenylether	210	U	210	90.4	360	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	90.4	360	ug/Kg
1912-24-9	Atrazine	23	U	23	180	700	ug/Kg
87-86-5	Pentachlorophenol	81	U	81	180	700	ug/Kg
85-01-8	Phenanthrene	250	J	110	90.4	360	ug/Kg
608-93-5	Pentachlorobenzene	77	U	77	90.4	360	ug/Kg
120-12-7	Anthracene	100	U	100	90.4	360	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	12	U	12	90.4	360	ug/Kg
86-74-8	Carbazole	130	U	130	180	700	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	90.4	360	ug/Kg
206-44-0	Fluoranthene	580		96	180	360	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BK3	SDG No.:	BN061424
Lab Sample ID:	P2695-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53
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
BN031998.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	380		98	90.4	360	ug/Kg
85-68-7	Butylbenzylphthalate	91	U	91	90.4	360	ug/Kg
91-94-1	3,3-Dichlorobenzidine	53	U	53	180	700	ug/Kg
56-55-3	Benzo(a)anthracene	210	J	83	90.4	360	ug/Kg
218-01-9	Chrysene	250	J	98	90.4	360	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	J	91	90.4	360	ug/Kg
117-84-0	Di-n-octyl phthalate	91	U	91	180	700	ug/Kg
205-99-2	Benzo(b)fluoranthene	280	J	100	90.4	360	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	120	90.4	360	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	120	90.4	360	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	98	J	96	90.4	360	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	90.4	360	ug/Kg
191-24-2	Benzo(g,h,i)perylene	98	U	98	90.4	360	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	90.4	360	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.209		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	2.741	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	26.409		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.81		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.969		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	26.733		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	28.374		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.086		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.132		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.454		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.912		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	29.371		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.233		10-150		63	SPK: -40
81103-79-9	Fluorene-d10	30.06		20-140		75	SPK: -40

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BK3	SDG No.:	BN061424
Lab Sample ID:	P2695-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53
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
BN031998.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.727		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	30.287		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	33.193		10-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.015		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	306593	7.652				
1146-65-2	Naphthalene-d8	1402217	10.434				
15067-26-2	Acenaphthene-d10	932699	14.298				
1517-22-2	Phenanthrene-d10	1814836	17.051				
1719-03-5	Chrysene-d12	1192478	21.292				
1520-96-3	Perylene-d12	1291347	24.227				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	170	J			4.787	
000057-10-3	n-Hexadecanoic acid	690	J			17.957	
000057-11-4	Octadecanoic acid	240	J			19.239	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	300	J			20.98	
E966796	Total Alkanes	98	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BK5	SDG No.:	BN061424
Lab Sample ID:	P2695-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39.4
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
BN031999.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	20	U	20	10.9	110	ug/Kg
100-52-7	Benzaldehyde	79	U	79	140	540	ug/Kg
110-86-1	Pyridine	20	U	20	270	540	ug/Kg
108-95-2	Phenol	74	U	74	140	540	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	58	U	58	140	540	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	69.9	280	ug/Kg
95-48-7	2-Methylphenol	64	U	64	140	540	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	140	540	ug/Kg
98-86-2	Acetophenone	97	U	97	140	540	ug/Kg
106-44-5	4-Methylphenol	67	U	67	140	540	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	61	U	61	69.9	280	ug/Kg
67-72-1	Hexachloroethane	26	U	26	69.9	280	ug/Kg
98-95-3	Nitrobenzene	44	U	44	69.9	280	ug/Kg
78-59-1	Isophorone	59	U	59	69.9	280	ug/Kg
88-75-5	2-Nitrophenol	49	U	49	69.9	280	ug/Kg
105-67-9	2,4-Dimethylphenol	14	U	14	69.9	280	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	69.9	280	ug/Kg
120-83-2	2,4-Dichlorophenol	56	U	56	69.9	280	ug/Kg
91-20-3	Naphthalene	54	U	54	69.9	280	ug/Kg
106-47-8	4-Chloroaniline	72	U	72	69.9	540	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	69.9	280	ug/Kg
105-60-2	Caprolactam	66	U	66	140	540	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	59	69.9	280	ug/Kg
90-12-0	1-Methylnaphthalene	31	U	31	69.9	280	ug/Kg
91-57-6	2-Methylnaphthalene	61	U	61	69.9	280	ug/Kg
77-47-4	Hexachlorocyclopentadiene	31	U	31	140	540	ug/Kg
88-06-2	2,4,6-Trichlorophenol	82	U	82	69.9	280	ug/Kg
95-95-4	2,4,5-Trichlorophenol	81	U	81	69.9	280	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BK5	SDG No.:	BN061424
Lab Sample ID:	P2695-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39.4
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
BN031999.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	76	U	76	69.9	280	ug/Kg
91-58-7	2-Chloronaphthalene	72	U	72	69.9	280	ug/Kg
88-74-4	2-Nitroaniline	36	U	36	69.9	280	ug/Kg
131-11-3	Dimethylphthalate	62	U	62	69.9	280	ug/Kg
606-20-2	2,6-Dinitrotoluene	43	U	43	69.9	280	ug/Kg
208-96-8	Acenaphthylene	76	U	76	69.9	280	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	140	540	ug/Kg
83-32-9	Acenaphthene	82	U	82	69.9	280	ug/Kg
51-28-5	2,4-Dinitrophenol	53	U	53	140	540	ug/Kg
100-02-7	4-Nitrophenol	18	U	18	140	540	ug/Kg
132-64-9	Dibenzofuran	66	U	66	69.9	280	ug/Kg
121-14-2	2,4-Dinitrotoluene	21	U	21	69.9	280	ug/Kg
84-66-2	Diethylphthalate	67	U	67	69.9	280	ug/Kg
86-73-7	Fluorene	95	U	95	69.9	280	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	79	U	79	69.9	280	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	140	540	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	64	U	64	140	540	ug/Kg
86-30-6	N-Nitrosodiphenylamine	74	U	74	69.9	280	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	74	U	74	69.9	280	ug/Kg
101-55-3	4-Bromophenyl-phenylether	160	U	160	69.9	280	ug/Kg
118-74-1	Hexachlorobenzene	82	U	82	69.9	280	ug/Kg
1912-24-9	Atrazine	18	U	18	140	540	ug/Kg
87-86-5	Pentachlorophenol	62	U	62	140	540	ug/Kg
85-01-8	Phenanthrene	390		87	69.9	280	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	69.9	280	ug/Kg
120-12-7	Anthracene	110	J	77	69.9	280	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	9.2	U	9.2	69.9	280	ug/Kg
86-74-8	Carbazole	100	U	100	140	540	ug/Kg
84-74-2	Di-n-butylphthalate	94	U	94	69.9	280	ug/Kg
206-44-0	Fluoranthene	800		74	140	280	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BK5	SDG No.:	BN061424
Lab Sample ID:	P2695-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39.4
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
BN031999.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	570		76	69.9	280	ug/Kg
85-68-7	Butylbenzylphthalate	71	U	71	69.9	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	41	U	41	140	540	ug/Kg
56-55-3	Benzo(a)anthracene	390		64	69.9	280	ug/Kg
218-01-9	Chrysene	350		76	69.9	280	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	71	U	71	69.9	280	ug/Kg
117-84-0	Di-n-octyl phthalate	71	U	71	140	540	ug/Kg
205-99-2	Benzo(b)fluoranthene	330		79	69.9	280	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	95	69.9	280	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	94	69.9	280	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	J	74	69.9	280	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	86	U	86	69.9	280	ug/Kg
191-24-2	Benzo(g,h,i)perylene	76	U	76	69.9	280	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	86	U	86	69.9	280	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.964		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	2.672	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	23.515		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.604		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.946		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	22.641		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	26.41		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.417		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.916		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.008		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.869		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	26.451		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.562		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	26.276		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BK5	SDG No.:	BN061424
Lab Sample ID:	P2695-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39.4
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
BN031999.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.095		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	27.475		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	26.006		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.844		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	290677	7.652				
1146-65-2	Naphthalene-d8	1218998	10.434				
15067-26-2	Acenaphthene-d10	745927	14.298				
1517-22-2	Phenanthrene-d10	1430476	17.051				
1719-03-5	Chrysene-d12	1243833	21.286				
1520-96-3	Perylene-d12	1497142	24.216				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	120	J			4.787	
000057-10-3	n-Hexadecanoic acid	520	J			17.951	
000203-64-5	4H-Cyclopenta[def]phenanthrene	150	J			18.116	
	(DEL) Alkane: Straight-Chain20.975	160	J			20.975	
E966796	Total Alkanes	160				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BK9	SDG No.:	BN061424
Lab Sample ID:	P2695-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39.3
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
BN032000.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	20	U	20	10.8	110	ug/Kg
100-52-7	Benzaldehyde	79	U	79	140	540	ug/Kg
110-86-1	Pyridine	20	U	20	270	540	ug/Kg
108-95-2	Phenol	74	U	74	140	540	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	57	U	57	140	540	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	69.8	280	ug/Kg
95-48-7	2-Methylphenol	64	U	64	140	540	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	140	540	ug/Kg
98-86-2	Acetophenone	97	U	97	140	540	ug/Kg
106-44-5	4-Methylphenol	67	U	67	140	540	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	61	U	61	69.8	280	ug/Kg
67-72-1	Hexachloroethane	26	U	26	69.8	280	ug/Kg
98-95-3	Nitrobenzene	44	U	44	69.8	280	ug/Kg
78-59-1	Isophorone	59	U	59	69.8	280	ug/Kg
88-75-5	2-Nitrophenol	49	U	49	69.8	280	ug/Kg
105-67-9	2,4-Dimethylphenol	14	U	14	69.8	280	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	69.8	280	ug/Kg
120-83-2	2,4-Dichlorophenol	56	U	56	69.8	280	ug/Kg
91-20-3	Naphthalene	54	U	54	69.8	280	ug/Kg
106-47-8	4-Chloroaniline	72	U	72	69.8	540	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	69.8	280	ug/Kg
105-60-2	Caprolactam	66	U	66	140	540	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	59	69.8	280	ug/Kg
90-12-0	1-Methylnaphthalene	31	U	31	69.8	280	ug/Kg
91-57-6	2-Methylnaphthalene	61	U	61	69.8	280	ug/Kg
77-47-4	Hexachlorocyclopentadiene	31	U	31	140	540	ug/Kg
88-06-2	2,4,6-Trichlorophenol	82	U	82	69.8	280	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80	U	80	69.8	280	ug/Kg



Client:			Date Collected:	5/31/2024 12:00:00 AM		
Project:			Date Received:	5/31/2024 12:00:00 AM		
Client Sample ID:	A4BK9		SDG No.:	BN061424		
Lab Sample ID:	P2695-12		Matrix:	Solid		
Analytical Method:	SFAM_SVOC		% Moisture:	39.3		
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
BN032000.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	76	U	76	69.8	280	ug/Kg
91-58-7	2-Chloronaphthalene	72	U	72	69.8	280	ug/Kg
88-74-4	2-Nitroaniline	36	U	36	69.8	280	ug/Kg
131-11-3	Dimethylphthalate	62	U	62	69.8	280	ug/Kg
606-20-2	2,6-Dinitrotoluene	43	U	43	69.8	280	ug/Kg
208-96-8	Acenaphthylene	76	U	76	69.8	280	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	140	540	ug/Kg
83-32-9	Acenaphthene	82	U	82	69.8	280	ug/Kg
51-28-5	2,4-Dinitrophenol	53	U	53	140	540	ug/Kg
100-02-7	4-Nitrophenol	18	U	18	140	540	ug/Kg
132-64-9	Dibenzofuran	66	U	66	69.8	280	ug/Kg
121-14-2	2,4-Dinitrotoluene	21	U	21	69.8	280	ug/Kg
84-66-2	Diethylphthalate	67	U	67	69.8	280	ug/Kg
86-73-7	Fluorene	95	U	95	69.8	280	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	79	U	79	69.8	280	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	140	540	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	64	U	64	140	540	ug/Kg
86-30-6	N-Nitrosodiphenylamine	74	U	74	69.8	280	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	74	U	74	69.8	280	ug/Kg
101-55-3	4-Bromophenyl-phenylether	160	U	160	69.8	280	ug/Kg
118-74-1	Hexachlorobenzene	82	U	82	69.8	280	ug/Kg
1912-24-9	Atrazine	18	U	18	140	540	ug/Kg
87-86-5	Pentachlorophenol	62	U	62	140	540	ug/Kg
85-01-8	Phenanthrene	87	U	87	69.8	280	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	69.8	280	ug/Kg
120-12-7	Anthracene	77	U	77	69.8	280	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	9.2	U	9.2	69.8	280	ug/Kg
86-74-8	Carbazole	100	U	100	140	540	ug/Kg
84-74-2	Di-n-butylphthalate	94	U	94	69.8	280	ug/Kg
206-44-0	Fluoranthene	96	J	74	140	280	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BK9	SDG No.:	BN061424
Lab Sample ID:	P2695-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39.3
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
BN032000.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	76	U	76	69.8	280	ug/Kg
85-68-7	Butylbenzylphthalate	71	U	71	69.8	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	41	U	41	140	540	ug/Kg
56-55-3	Benzo(a)anthracene	64	U	64	69.8	280	ug/Kg
218-01-9	Chrysene	76	U	76	69.8	280	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	86	J	71	69.8	280	ug/Kg
117-84-0	Di-n-octyl phthalate	71	U	71	140	540	ug/Kg
205-99-2	Benzo(b)fluoranthene	79	U	79	69.8	280	ug/Kg
207-08-9	Benzo(k)fluoranthene	95	U	95	69.8	280	ug/Kg
50-32-8	Benzo(a)pyrene	94	U	94	69.8	280	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	74	U	74	69.8	280	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85	U	85	69.8	280	ug/Kg
191-24-2	Benzo(g,h,i)perylene	76	U	76	69.8	280	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	85	U	85	69.8	280	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.615		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	1.819	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	21.326		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.244		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.088		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	21.13		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	22.417		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.903		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.889		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.581		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.428		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	23.324		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.152		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	24.204		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BK9	SDG No.:	BN061424
Lab Sample ID:	P2695-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39.3
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
BN032000.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.704		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	24.706		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	27.998		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.289		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	323855	7.652				
1146-65-2	Naphthalene-d8	1489568	10.434				
15067-26-2	Acenaphthene-d10	1004476	14.298				
1517-22-2	Phenanthrene-d10	2051810	17.051				
1719-03-5	Chrysene-d12	1378361	21.286				
1520-96-3	Perylene-d12	1324380	24.215				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	110	J			4.787	
000057-10-3	n-Hexadecanoic acid	250	J			17.951	
000057-11-4	Octadecanoic acid	130	J			19.239	
E966796	Total Alkanes	76	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BL1	SDG No.:	BN061424
Lab Sample ID:	P2695-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.8
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
BN032001.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	26	U	26	14.6	150	ug/Kg
100-52-7	Benzaldehyde	110	U	110	180	730	ug/Kg
110-86-1	Pyridine	26	U	26	360	730	ug/Kg
108-95-2	Phenol	99	U	99	180	730	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	77	U	77	180	730	ug/Kg
95-57-8	2-Chlorophenol	49	U	49	93.7	370	ug/Kg
95-48-7	2-Methylphenol	86	U	86	180	730	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	64	U	64	180	730	ug/Kg
98-86-2	Acetophenone	130	U	130	180	730	ug/Kg
106-44-5	4-Methylphenol	90	U	90	180	730	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	82	U	82	93.7	370	ug/Kg
67-72-1	Hexachloroethane	35	U	35	93.7	370	ug/Kg
98-95-3	Nitrobenzene	60	U	60	93.7	370	ug/Kg
78-59-1	Isophorone	79	U	79	93.7	370	ug/Kg
88-75-5	2-Nitrophenol	66	U	66	93.7	370	ug/Kg
105-67-9	2,4-Dimethylphenol	19	U	19	93.7	370	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	68	U	68	93.7	370	ug/Kg
120-83-2	2,4-Dichlorophenol	75	U	75	93.7	370	ug/Kg
91-20-3	Naphthalene	73	U	73	93.7	370	ug/Kg
106-47-8	4-Chloroaniline	97	U	97	93.7	730	ug/Kg
87-68-3	Hexachlorobutadiene	57	U	57	93.7	370	ug/Kg
105-60-2	Caprolactam	88	U	88	180	730	ug/Kg
59-50-7	4-Chloro-3-methylphenol	79	U	79	93.7	370	ug/Kg
90-12-0	1-Methylnaphthalene	42	U	42	93.7	370	ug/Kg
91-57-6	2-Methylnaphthalene	82	U	82	93.7	370	ug/Kg
77-47-4	Hexachlorocyclopentadiene	42	U	42	180	730	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	93.7	370	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	93.7	370	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BL1	SDG No.:	BN061424
Lab Sample ID:	P2695-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.8
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
BN032001.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	100	U	100	93.7	370	ug/Kg
91-58-7	2-Chloronaphthalene	97	U	97	93.7	370	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	93.7	370	ug/Kg
131-11-3	Dimethylphthalate	84	U	84	93.7	370	ug/Kg
606-20-2	2,6-Dinitrotoluene	57	U	57	93.7	370	ug/Kg
208-96-8	Acenaphthylene	100	U	100	93.7	370	ug/Kg
99-09-2	3-Nitroaniline	31	U	31	180	730	ug/Kg
83-32-9	Acenaphthene	110	U	110	93.7	370	ug/Kg
51-28-5	2,4-Dinitrophenol	71	U	71	180	730	ug/Kg
100-02-7	4-Nitrophenol	24	U	24	180	730	ug/Kg
132-64-9	Dibenzofuran	88	U	88	93.7	370	ug/Kg
121-14-2	2,4-Dinitrotoluene	29	U	29	93.7	370	ug/Kg
84-66-2	Diethylphthalate	90	U	90	93.7	370	ug/Kg
86-73-7	Fluorene	130	U	130	93.7	370	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	93.7	370	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	180	730	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	86	U	86	180	730	ug/Kg
86-30-6	N-Nitrosodiphenylamine	99	U	99	93.7	370	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	99	U	99	93.7	370	ug/Kg
101-55-3	4-Bromophenyl-phenylether	220	U	220	93.7	370	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	93.7	370	ug/Kg
1912-24-9	Atrazine	24	U	24	180	730	ug/Kg
87-86-5	Pentachlorophenol	84	U	84	180	730	ug/Kg
85-01-8	Phenanthrene	120	U	120	93.7	370	ug/Kg
608-93-5	Pentachlorobenzene	79	U	79	93.7	370	ug/Kg
120-12-7	Anthracene	100	U	100	93.7	370	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	12	U	12	93.7	370	ug/Kg
86-74-8	Carbazole	130	U	130	180	730	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	93.7	370	ug/Kg
206-44-0	Fluoranthene	200	J	99	180	370	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BL1	SDG No.:	BN061424
Lab Sample ID:	P2695-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.8
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
BN032001.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	140	J	100	93.7	370	ug/Kg
85-68-7	Butylbenzylphthalate	150	J	95	93.7	370	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	180	730	ug/Kg
56-55-3	Benzo(a)anthracene	86	U	86	93.7	370	ug/Kg
218-01-9	Chrysene	100	U	100	93.7	370	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	550		95	93.7	370	ug/Kg
117-84-0	Di-n-octyl phthalate	95	U	95	180	730	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	93.7	370	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	U	130	93.7	370	ug/Kg
50-32-8	Benzo(a)pyrene	130	U	130	93.7	370	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	99	U	99	93.7	370	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	93.7	370	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	93.7	370	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	93.7	370	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.673		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	1.221	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	21.206		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.689		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.178		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	20.332		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	22.535		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.091		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.04		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.732		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.878		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	23.26		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.16		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	23.961		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BL1	SDG No.:	BN061424
Lab Sample ID:	P2695-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.8
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
BN032001.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.678		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	24.171		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	26.612		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.962		10-140		42	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	318821	7.652				
1146-65-2	Naphthalene-d8	1459950	10.434				
15067-26-2	Acenaphthene-d10	1003759	14.298				
1517-22-2	Phenanthrene-d10	2076201	17.051				
1719-03-5	Chrysene-d12	1438851	21.286				
1520-96-3	Perylene-d12	1308591	24.21				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	160	J			4.787	
000057-10-3	n-Hexadecanoic acid	370	J			17.951	
000057-11-4	Octadecanoic acid	170	J			19.239	
E966796	Total Alkanes	100	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	SBLK357	SDG No.:	BN061424
Lab Sample ID:	PB161357BL	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
BN032003.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

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
110-86-1	Pyridine	12	U	12	170	330	ug/Kg
100-52-7	Benzaldehyde	48	U	48	82.5	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:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	SBLK357	SDG No.:	BN061424
Lab Sample ID:	PB161357BL	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
BN032003.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

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:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	SBLK357	SDG No.:	BN061424
Lab Sample ID:	PB161357BL	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
BN032003.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

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	5.898		15-120		74	SPK: -8
7291-22-7	Pyridine-d5	29.057		20-120		73	SPK: -40
4165-62-2	Phenol-d5	29.99		10-130		75	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.911		10-150		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.646		15-120		82	SPK: -40
190780-66-6	4-Methylphenol-d8	31.628		10-140		79	SPK: -40
4165-60-0	Nitrobenzene-d5	32.546		10-135		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.232		10-120		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.22		10-140		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.299		1-145		83	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.733		10-145		84	SPK: -40
93951-97-4	Acenaphthylene-d8	31.768		15-120		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.18		10-150		75	SPK: -40
81103-79-9	Fluorene-d10	32.342		20-140		81	SPK: -40

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	SBLK357	SDG No.:	BN061424
Lab Sample ID:	PB161357BL	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
BN032003.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.554		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	33.372		10-150		83	SPK: -40
1718-52-1	Pyrene-d10	36.884		10-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.1		10-140		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	278926	7.652				
1146-65-2	Naphthalene-d8	1260368	10.434				
15067-26-2	Acenaphthene-d10	900996	14.298				
1517-22-2	Phenanthrene-d10	1936233	17.051				
1719-03-5	Chrysene-d12	1571083	21.286				
1520-96-3	Perylene-d12	1356180	24.221				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BL3	SDG No.:	BN061424
Lab Sample ID:	P2695-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	61.2
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
BN032004.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	17	170	ug/Kg
100-52-7	Benzaldehyde	120	U	120	210	850	ug/Kg
110-86-1	Pyridine	31	U	31	430	850	ug/Kg
108-95-2	Phenol	120	U	120	210	850	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	90	U	90	210	850	ug/Kg
95-57-8	2-Chlorophenol	57	U	57	110	440	ug/Kg
95-48-7	2-Methylphenol	100	U	100	210	850	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	75	U	75	210	850	ug/Kg
98-86-2	Acetophenone	150	U	150	210	850	ug/Kg
106-44-5	4-Methylphenol	110	U	110	210	850	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	95	U	95	110	440	ug/Kg
67-72-1	Hexachloroethane	41	U	41	110	440	ug/Kg
98-95-3	Nitrobenzene	70	U	70	110	440	ug/Kg
78-59-1	Isophorone	93	U	93	110	440	ug/Kg
88-75-5	2-Nitrophenol	77	U	77	110	440	ug/Kg
105-67-9	2,4-Dimethylphenol	22	U	22	110	440	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	80	U	80	110	440	ug/Kg
120-83-2	2,4-Dichlorophenol	88	U	88	110	440	ug/Kg
91-20-3	Naphthalene	85	U	85	110	440	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	110	850	ug/Kg
87-68-3	Hexachlorobutadiene	67	U	67	110	440	ug/Kg
105-60-2	Caprolactam	100	U	100	210	850	ug/Kg
59-50-7	4-Chloro-3-methylphenol	93	U	93	110	440	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	110	440	ug/Kg
91-57-6	2-Methylnaphthalene	95	U	95	110	440	ug/Kg
77-47-4	Hexachlorocyclopentadiene	49	U	49	210	850	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	U	130	110	440	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	U	130	110	440	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BL3	SDG No.:	BN061424
Lab Sample ID:	P2695-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	61.2
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
BN032004.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	120	U	120	110	440	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	110	440	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	110	440	ug/Kg
131-11-3	Dimethylphthalate	98	U	98	110	440	ug/Kg
606-20-2	2,6-Dinitrotoluene	67	U	67	110	440	ug/Kg
208-96-8	Acenaphthylene	120	U	120	110	440	ug/Kg
99-09-2	3-Nitroaniline	36	U	36	210	850	ug/Kg
83-32-9	Acenaphthene	130	U	130	110	440	ug/Kg
51-28-5	2,4-Dinitrophenol	82	U	82	210	850	ug/Kg
100-02-7	4-Nitrophenol	28	U	28	210	850	ug/Kg
132-64-9	Dibenzofuran	100	U	100	110	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	110	440	ug/Kg
84-66-2	Diethylphthalate	110	U	110	110	440	ug/Kg
86-73-7	Fluorene	150	U	150	110	440	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	110	440	ug/Kg
100-01-6	4-Nitroaniline	41	U	41	210	850	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	210	850	ug/Kg
86-30-6	N-Nitrosodiphenylamine	120	U	120	110	440	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	110	440	ug/Kg
101-55-3	4-Bromophenyl-phenylether	260	U	260	110	440	ug/Kg
118-74-1	Hexachlorobenzene	130	U	130	110	440	ug/Kg
1912-24-9	Atrazine	28	U	28	210	850	ug/Kg
87-86-5	Pentachlorophenol	98	U	98	210	850	ug/Kg
85-01-8	Phenanthrene	140	J	140	110	440	ug/Kg
608-93-5	Pentachlorobenzene	93	U	93	110	440	ug/Kg
120-12-7	Anthracene	120	U	120	110	440	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	14	U	14	110	440	ug/Kg
86-74-8	Carbazole	160	U	160	210	850	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	150	110	440	ug/Kg
206-44-0	Fluoranthene	330	J	120	210	440	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BL3	SDG No.:	BN061424
Lab Sample ID:	P2695-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	61.2
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
BN032004.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	220	J	120	110	440	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	110	440	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	210	850	ug/Kg
56-55-3	Benzo(a)anthracene	100	J	100	110	440	ug/Kg
218-01-9	Chrysene	130	J	120	110	440	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	110	440	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	210	850	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	120	110	440	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	U	150	110	440	ug/Kg
50-32-8	Benzo(a)pyrene	150	U	150	110	440	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	U	120	110	440	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	110	440	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	U	120	110	440	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	130	U	130	110	440	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.367		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	4.117	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	32.077		10-130		80	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.018		10-150		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.625		15-120		87	SPK: -40
190780-66-6	4-Methylphenol-d8	28.937		10-140		72	SPK: -40
4165-60-0	Nitrobenzene-d5	33.575		10-135		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.137		10-120		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.981		10-140		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.818		1-145		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.67		10-145		84	SPK: -40
93951-97-4	Acenaphthylene-d8	32.864		15-120		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.352		10-150		71	SPK: -40
81103-79-9	Fluorene-d10	33.702		20-140		84	SPK: -40

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BL3	SDG No.:	BN061424
Lab Sample ID:	P2695-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	61.2
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
BN032004.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.726		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	32.028		10-150		80	SPK: -40
1718-52-1	Pyrene-d10	36.629		10-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.583		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	280661	7.652				
1146-65-2	Naphthalene-d8	1307903	10.434				
15067-26-2	Acenaphthene-d10	882103	14.298				
1517-22-2	Phenanthrene-d10	1829897	17.051				
1719-03-5	Chrysene-d12	1234224	21.286				
1520-96-3	Perylene-d12	1113014	24.215				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	230	J			4.787	
000057-10-3	n-Hexadecanoic acid	610	J			17.951	
000057-11-4	Octadecanoic acid	220	J			19.239	
	(DEL) Alkane: Cyclic20.974	260	J			20.974	
E966796	Total Alkanes	260				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN3	SDG No.:	BN061424
Lab Sample ID:	P2695-25	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	63.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032005.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	17.9	180	ug/Kg
100-52-7	Benzaldehyde	130	U	130	220	890	ug/Kg
110-86-1	Pyridine	33	U	33	450	890	ug/Kg
108-95-2	Phenol	120	U	120	220	890	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	95	U	95	220	890	ug/Kg
95-57-8	2-Chlorophenol	60	U	60	120	460	ug/Kg
95-48-7	2-Methylphenol	110	U	110	220	890	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	79	U	79	220	890	ug/Kg
98-86-2	Acetophenone	160	U	160	220	890	ug/Kg
106-44-5	4-Methylphenol	110	U	110	220	890	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	120	460	ug/Kg
67-72-1	Hexachloroethane	43	U	43	120	460	ug/Kg
98-95-3	Nitrobenzene	73	U	73	120	460	ug/Kg
78-59-1	Isophorone	98	U	98	120	460	ug/Kg
88-75-5	2-Nitrophenol	81	U	81	120	460	ug/Kg
105-67-9	2,4-Dimethylphenol	23	U	23	120	460	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	84	U	84	120	460	ug/Kg
120-83-2	2,4-Dichlorophenol	92	U	92	120	460	ug/Kg
91-20-3	Naphthalene	89	U	89	120	460	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	120	890	ug/Kg
87-68-3	Hexachlorobutadiene	70	U	70	120	460	ug/Kg
105-60-2	Caprolactam	110	U	110	220	890	ug/Kg
59-50-7	4-Chloro-3-methylphenol	98	U	98	120	460	ug/Kg
90-12-0	1-Methylnaphthalene	51	U	51	120	460	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	120	460	ug/Kg
77-47-4	Hexachlorocyclopentadiene	51	U	51	220	890	ug/Kg
88-06-2	2,4,6-Trichlorophenol	140	U	140	120	460	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	U	130	120	460	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN3	SDG No.:	BN061424
Lab Sample ID:	P2695-25	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	63.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032005.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	120	U	120	120	460	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	120	460	ug/Kg
88-74-4	2-Nitroaniline	60	U	60	120	460	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	120	460	ug/Kg
606-20-2	2,6-Dinitrotoluene	70	U	70	120	460	ug/Kg
208-96-8	Acenaphthylene	120	U	120	120	460	ug/Kg
99-09-2	3-Nitroaniline	38	U	38	220	890	ug/Kg
83-32-9	Acenaphthene	140	U	140	120	460	ug/Kg
51-28-5	2,4-Dinitrophenol	87	U	87	220	890	ug/Kg
100-02-7	4-Nitrophenol	30	U	30	220	890	ug/Kg
132-64-9	Dibenzofuran	110	U	110	120	460	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	120	460	ug/Kg
84-66-2	Diethylphthalate	110	U	110	120	460	ug/Kg
86-73-7	Fluorene	160	U	160	120	460	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	130	U	130	120	460	ug/Kg
100-01-6	4-Nitroaniline	43	U	43	220	890	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	220	890	ug/Kg
86-30-6	N-Nitrosodiphenylamine	120	U	120	120	460	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	120	460	ug/Kg
101-55-3	4-Bromophenyl-phenylether	270	U	270	120	460	ug/Kg
118-74-1	Hexachlorobenzene	140	U	140	120	460	ug/Kg
1912-24-9	Atrazine	30	U	30	220	890	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	220	890	ug/Kg
85-01-8	Phenanthrene	310	J	140	120	460	ug/Kg
608-93-5	Pentachlorobenzene	98	U	98	120	460	ug/Kg
120-12-7	Anthracene	130	U	130	120	460	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	15	U	15	120	460	ug/Kg
86-74-8	Carbazole	170	U	170	220	890	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	150	120	460	ug/Kg
206-44-0	Fluoranthene	770		120	220	460	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN3	SDG No.:	BN061424
Lab Sample ID:	P2695-25	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	63.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032005.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	500		120	120	460	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	120	460	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68	U	68	220	890	ug/Kg
56-55-3	Benzo(a)anthracene	250	J	110	120	460	ug/Kg
218-01-9	Chrysene	310	J	120	120	460	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	J	120	120	460	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	220	890	ug/Kg
205-99-2	Benzo(b)fluoranthene	380	J	130	120	460	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	U	160	120	460	ug/Kg
50-32-8	Benzo(a)pyrene	150	U	150	120	460	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	J	120	120	460	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	U	140	120	460	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	U	120	120	460	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	140	U	140	120	460	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.861		15-120		73	SPK: -8
7291-22-7	Pyridine-d5	5.261	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	35.223		10-130		88	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.077		10-150		88	SPK: -40
93951-73-6	2-Chlorophenol-d4	37.121		15-120		93	SPK: -40
190780-66-6	4-Methylphenol-d8	33.896		10-140		85	SPK: -40
4165-60-0	Nitrobenzene-d5	36.889		10-135		92	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.457		10-120		96	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.845		10-140		90	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.987		1-145		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.341		10-145		91	SPK: -40
93951-97-4	Acenaphthylene-d8	36.098		15-120		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.898		10-150		80	SPK: -40
81103-79-9	Fluorene-d10	36.434		20-140		91	SPK: -40

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN3	SDG No.:	BN061424
Lab Sample ID:	P2695-25	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	63.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032005.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.207		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	34.618		10-150		87	SPK: -40
1718-52-1	Pyrene-d10	39.967		10-130		100	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.76		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	300263	7.651				
1146-65-2	Naphthalene-d8	1381493	10.434				
15067-26-2	Acenaphthene-d10	931742	14.298				
1517-22-2	Phenanthrene-d10	1913191	17.051				
1719-03-5	Chrysene-d12	1285141	21.286				
1520-96-3	Perylene-d12	1208529	24.215				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	230	J			4.787	
000057-10-3	n-Hexadecanoic acid	720	J			17.951	
000057-11-4	Octadecanoic acid	200	J			19.239	
1000406-04-8	Pentadecafluorooctanoic acid, octa	480	J			20.974	
E966796	Total Alkanes	120	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN3MS	SDG No.:	BN061424
Lab Sample ID:	P2695-26MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	63.2
Sample Wt/Vol:	30.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032006.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1200		33	17.9	180	ug/Kg
100-52-7	Benzaldehyde	3800		130	220	900	ug/Kg
110-86-1	Pyridine	1600		33	450	900	ug/Kg
108-95-2	Phenol	3200		120	220	900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	3100		95	220	900	ug/Kg
95-57-8	2-Chlorophenol	3300		60	120	460	ug/Kg
95-48-7	2-Methylphenol	3000		110	220	900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	3000		79	220	900	ug/Kg
98-86-2	Acetophenone	3200		160	220	900	ug/Kg
106-44-5	4-Methylphenol	3100		110	220	900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2900		100	120	460	ug/Kg
67-72-1	Hexachloroethane	2500		43	120	460	ug/Kg
98-95-3	Nitrobenzene	3200		73	120	460	ug/Kg
78-59-1	Isophorone	2900		98	120	460	ug/Kg
88-75-5	2-Nitrophenol	3500		81	120	460	ug/Kg
105-67-9	2,4-Dimethylphenol	1800		23	120	460	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	3000		84	120	460	ug/Kg
120-83-2	2,4-Dichlorophenol	3400		92	120	460	ug/Kg
91-20-3	Naphthalene	3100		90	120	460	ug/Kg
106-47-8	4-Chloroaniline	2500		120	120	900	ug/Kg
87-68-3	Hexachlorobutadiene	3300		71	120	460	ug/Kg
105-60-2	Caprolactam	3000		110	220	900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3100		98	120	460	ug/Kg
90-12-0	1-Methylnaphthalene	3100		52	120	460	ug/Kg
91-57-6	2-Methylnaphthalene	3200		100	120	460	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1900		52	220	900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3700		140	120	460	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3600		130	120	460	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN3MS	SDG No.:	BN061424
Lab Sample ID:	P2695-26MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	63.2
Sample Wt/Vol:	30.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032006.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	3500		120	120	460	ug/Kg
91-58-7	2-Chloronaphthalene	3400		120	120	460	ug/Kg
88-74-4	2-Nitroaniline	3600		60	120	460	ug/Kg
131-11-3	Dimethylphthalate	3300		100	120	460	ug/Kg
606-20-2	2,6-Dinitrotoluene	3600		71	120	460	ug/Kg
208-96-8	Acenaphthylene	3300		120	120	460	ug/Kg
99-09-2	3-Nitroaniline	3500		38	220	900	ug/Kg
83-32-9	Acenaphthene	3300		140	120	460	ug/Kg
51-28-5	2,4-Dinitrophenol	3600		87	220	900	ug/Kg
100-02-7	4-Nitrophenol	3400		30	220	900	ug/Kg
132-64-9	Dibenzofuran	3300		110	120	460	ug/Kg
121-14-2	2,4-Dinitrotoluene	3500		35	120	460	ug/Kg
84-66-2	Diethylphthalate	3300		110	120	460	ug/Kg
86-73-7	Fluorene	3300		160	120	460	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3300		130	120	460	ug/Kg
100-01-6	4-Nitroaniline	3900		43	220	900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3900		110	220	900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	3600		120	120	460	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	3600		120	120	460	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3600		270	120	460	ug/Kg
118-74-1	Hexachlorobenzene	2900		140	120	460	ug/Kg
1912-24-9	Atrazine	3200		30	220	900	ug/Kg
87-86-5	Pentachlorophenol	3300		100	220	900	ug/Kg
85-01-8	Phenanthrene	3700		140	120	460	ug/Kg
608-93-5	Pentachlorobenzene	3500		98	120	460	ug/Kg
120-12-7	Anthracene	3300		130	120	460	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	3600		15	120	460	ug/Kg
86-74-8	Carbazole	3400		170	220	900	ug/Kg
84-74-2	Di-n-butylphthalate	3600		150	120	460	ug/Kg
206-44-0	Fluoranthene	4200		120	220	460	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN3MS	SDG No.:	BN061424
Lab Sample ID:	P2695-26MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	63.2
Sample Wt/Vol:	30.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032006.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3300		120	120	460	ug/Kg
85-68-7	Butylbenzylphthalate	3700		120	120	460	ug/Kg
91-94-1	3,3-Dichlorobenzidine	3300		68	220	900	ug/Kg
56-55-3	Benzo(a)anthracene	3700		110	120	460	ug/Kg
218-01-9	Chrysene	3900		120	120	460	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3700		120	120	460	ug/Kg
117-84-0	Di-n-octyl phthalate	3500		120	220	900	ug/Kg
205-99-2	Benzo(b)fluoranthene	3700		130	120	460	ug/Kg
207-08-9	Benzo(k)fluoranthene	3500		160	120	460	ug/Kg
50-32-8	Benzo(a)pyrene	1700		150	120	460	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2800		120	120	460	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3900		140	120	460	ug/Kg
191-24-2	Benzo(g,h,i)perylene	330	J	120	120	460	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3500		140	120	460	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.669		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	13.915		20-120		35	SPK: -40
4165-62-2	Phenol-d5	31.047		10-130		78	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.523		10-150		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.979		15-120		85	SPK: -40
190780-66-6	4-Methylphenol-d8	29.211		10-140		73	SPK: -40
4165-60-0	Nitrobenzene-d5	33.491		10-135		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.537		10-120		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.971		10-140		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.849		1-145		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.704		10-145		82	SPK: -40
93951-97-4	Acenaphthylene-d8	33.266		15-120		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.158		10-150		75	SPK: -40
81103-79-9	Fluorene-d10	32.269		20-140		81	SPK: -40

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN3MS	SDG No.:	BN061424
Lab Sample ID:	P2695-26MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	63.2
Sample Wt/Vol:	30.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032006.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.073		10-130		88	SPK: -40
1719-06-8	Anthracene-d10	33.368		10-150		83	SPK: -40
1718-52-1	Pyrene-d10	31.013		10-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.804		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	297671	7.652				
1146-65-2	Naphthalene-d8	1268816	10.434				
15067-26-2	Acenaphthene-d10	738775	14.298				
1517-22-2	Phenanthrene-d10	1438164	17.051				
1719-03-5	Chrysene-d12	1233542	21.292				
1520-96-3	Perylene-d12	1524183	24.215				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	120	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN3MSD	SDG No.:	BN061424
Lab Sample ID:	P2695-27MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	63.2
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032007.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1100		33	17.9	180	ug/Kg
100-52-7	Benzaldehyde	4000		130	220	890	ug/Kg
110-86-1	Pyridine	1600		33	450	890	ug/Kg
108-95-2	Phenol	3400		120	220	890	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	3200		95	220	890	ug/Kg
95-57-8	2-Chlorophenol	3400		60	120	460	ug/Kg
95-48-7	2-Methylphenol	3200		110	220	890	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	3200		79	220	890	ug/Kg
98-86-2	Acetophenone	3500		160	220	890	ug/Kg
106-44-5	4-Methylphenol	3400		110	220	890	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	3200		100	120	460	ug/Kg
67-72-1	Hexachloroethane	2500		43	120	460	ug/Kg
98-95-3	Nitrobenzene	3200		73	120	460	ug/Kg
78-59-1	Isophorone	3100		98	120	460	ug/Kg
88-75-5	2-Nitrophenol	3600		81	120	460	ug/Kg
105-67-9	2,4-Dimethylphenol	1800		23	120	460	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	3000		84	120	460	ug/Kg
120-83-2	2,4-Dichlorophenol	3500		92	120	460	ug/Kg
91-20-3	Naphthalene	3200		89	120	460	ug/Kg
106-47-8	4-Chloroaniline	2600		120	120	890	ug/Kg
87-68-3	Hexachlorobutadiene	3400		70	120	460	ug/Kg
105-60-2	Caprolactam	3500		110	220	890	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3500		98	120	460	ug/Kg
90-12-0	1-Methylnaphthalene	3300		52	120	460	ug/Kg
91-57-6	2-Methylnaphthalene	3300		100	120	460	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1800		52	220	890	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3600		140	120	460	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3700		130	120	460	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN3MSD	SDG No.:	BN061424
Lab Sample ID:	P2695-27MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	63.2
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032007.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	3300		120	120	460	ug/Kg
91-58-7	2-Chloronaphthalene	3300		120	120	460	ug/Kg
88-74-4	2-Nitroaniline	3600		60	120	460	ug/Kg
131-11-3	Dimethylphthalate	3400		100	120	460	ug/Kg
606-20-2	2,6-Dinitrotoluene	3800		70	120	460	ug/Kg
208-96-8	Acenaphthylene	3300		120	120	460	ug/Kg
99-09-2	3-Nitroaniline	3500		38	220	890	ug/Kg
83-32-9	Acenaphthene	3300		140	120	460	ug/Kg
51-28-5	2,4-Dinitrophenol	3900		87	220	890	ug/Kg
100-02-7	4-Nitrophenol	3600		30	220	890	ug/Kg
132-64-9	Dibenzofuran	3300		110	120	460	ug/Kg
121-14-2	2,4-Dinitrotoluene	3700		35	120	460	ug/Kg
84-66-2	Diethylphthalate	3400		110	120	460	ug/Kg
86-73-7	Fluorene	3300		160	120	460	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3300		130	120	460	ug/Kg
100-01-6	4-Nitroaniline	4000		43	220	890	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4000		110	220	890	ug/Kg
86-30-6	N-Nitrosodiphenylamine	3600		120	120	460	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	3500		120	120	460	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3800		270	120	460	ug/Kg
118-74-1	Hexachlorobenzene	2900		140	120	460	ug/Kg
1912-24-9	Atrazine	3300		30	220	890	ug/Kg
87-86-5	Pentachlorophenol	3300		100	220	890	ug/Kg
85-01-8	Phenanthrene	3700		140	120	460	ug/Kg
608-93-5	Pentachlorobenzene	3400		98	120	460	ug/Kg
120-12-7	Anthracene	3400		130	120	460	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	3400		15	120	460	ug/Kg
86-74-8	Carbazole	3400		170	220	890	ug/Kg
84-74-2	Di-n-butylphthalate	3500		150	120	460	ug/Kg
206-44-0	Fluoranthene	5400		120	220	460	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN3MSD	SDG No.:	BN061424
Lab Sample ID:	P2695-27MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	63.2
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032007.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4100		120	120	460	ug/Kg
85-68-7	Butylbenzylphthalate	4300		120	120	460	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2900		68	220	890	ug/Kg
56-55-3	Benzo(a)anthracene	3800		110	120	460	ug/Kg
218-01-9	Chrysene	3800		120	120	460	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3900		120	120	460	ug/Kg
117-84-0	Di-n-octyl phthalate	3900		120	220	890	ug/Kg
205-99-2	Benzo(b)fluoranthene	3700		130	120	460	ug/Kg
207-08-9	Benzo(k)fluoranthene	3500		160	120	460	ug/Kg
50-32-8	Benzo(a)pyrene	1700		150	120	460	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2900		120	120	460	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3900		140	120	460	ug/Kg
191-24-2	Benzo(g,h,i)perylene	340	J	120	120	460	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3600		140	120	460	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.181		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	14.842		20-120		37	SPK: -40
4165-62-2	Phenol-d5	32.947		10-130		82	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.822		10-150		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.105		15-120		88	SPK: -40
190780-66-6	4-Methylphenol-d8	32.588		10-140		81	SPK: -40
4165-60-0	Nitrobenzene-d5	33.627		10-135		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.309		10-120		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.573		10-140		86	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.121		1-145		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.328		10-145		86	SPK: -40
93951-97-4	Acenaphthylene-d8	32.838		15-120		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.689		10-150		79	SPK: -40
81103-79-9	Fluorene-d10	33.473		20-140		84	SPK: -40

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN3MSD	SDG No.:	BN061424
Lab Sample ID:	P2695-27MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	63.2
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032007.D	1	6/6/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.089		10-130		93	SPK: -40
1719-06-8	Anthracene-d10	33.75		10-150		84	SPK: -40
1718-52-1	Pyrene-d10	38.66		10-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.14		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	322051	7.652				
1146-65-2	Naphthalene-d8	1493195	10.434				
15067-26-2	Acenaphthene-d10	967135	14.298				
1517-22-2	Phenanthrene-d10	1913875	17.051				
1719-03-5	Chrysene-d12	1160194	21.286				
1520-96-3	Perylene-d12	1228841	24.216				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	120	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BK6	SDG No.:	BN061424
Lab Sample ID:	P2696-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
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
BN032008.D	1	6/7/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.4	75	ug/Kg
100-52-7	Benzaldehyde	54	U	54	92.7	370	ug/Kg
110-86-1	Pyridine	13	U	13	190	370	ug/Kg
108-95-2	Phenol	51	U	51	92.7	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	92.7	370	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	47.8	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	92.7	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	92.7	370	ug/Kg
98-86-2	Acetophenone	66	U	66	92.7	370	ug/Kg
106-44-5	4-Methylphenol	46	U	46	92.7	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	42	U	42	47.8	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	47.8	190	ug/Kg
98-95-3	Nitrobenzene	30	U	30	47.8	190	ug/Kg
78-59-1	Isophorone	40	U	40	47.8	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	47.8	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.6	U	9.6	47.8	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	35	U	35	47.8	190	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	47.8	190	ug/Kg
91-20-3	Naphthalene	37	U	37	47.8	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	47.8	370	ug/Kg
87-68-3	Hexachlorobutadiene	29	U	29	47.8	190	ug/Kg
105-60-2	Caprolactam	45	U	45	92.7	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	40	U	40	47.8	190	ug/Kg
90-12-0	1-Methylnaphthalene	21	U	21	47.8	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	47.8	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	21	U	21	92.7	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	47.8	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	47.8	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BK6	SDG No.:	BN061424
Lab Sample ID:	P2696-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
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
BN032008.D	1	6/7/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	52	U	52	47.8	190	ug/Kg
91-58-7	2-Chloronaphthalene	49	U	49	47.8	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	47.8	190	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	47.8	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	47.8	190	ug/Kg
208-96-8	Acenaphthylene	52	U	52	47.8	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	92.7	370	ug/Kg
83-32-9	Acenaphthene	56	U	56	47.8	190	ug/Kg
51-28-5	2,4-Dinitrophenol	36	U	36	92.7	370	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	92.7	370	ug/Kg
132-64-9	Dibenzofuran	45	U	45	47.8	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	47.8	190	ug/Kg
84-66-2	Diethylphthalate	46	U	46	47.8	190	ug/Kg
86-73-7	Fluorene	65	U	65	47.8	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	54	47.8	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	92.7	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	92.7	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	47.8	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	47.8	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	47.8	190	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	47.8	190	ug/Kg
1912-24-9	Atrazine	12	U	12	92.7	370	ug/Kg
87-86-5	Pentachlorophenol	43	U	43	92.7	370	ug/Kg
85-01-8	Phenanthrene	60	U	60	47.8	190	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	47.8	190	ug/Kg
120-12-7	Anthracene	53	U	53	47.8	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.3	U	6.3	47.8	190	ug/Kg
86-74-8	Carbazole	69	U	69	92.7	370	ug/Kg
84-74-2	Di-n-butylphthalate	64	U	64	47.8	190	ug/Kg
206-44-0	Fluoranthene	51	U	51	92.7	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BK6	SDG No.:	BN061424
Lab Sample ID:	P2696-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
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
BN032008.D	1	6/7/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	52	47.8	190	ug/Kg
85-68-7	Butylbenzylphthalate	48	U	48	47.8	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	92.7	370	ug/Kg
56-55-3	Benzo(a)anthracene	44	U	44	47.8	190	ug/Kg
218-01-9	Chrysene	52	U	52	47.8	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	48	U	48	47.8	190	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	92.7	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	54	U	54	47.8	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	65	U	65	47.8	190	ug/Kg
50-32-8	Benzo(a)pyrene	64	U	64	47.8	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51	U	51	47.8	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58	U	58	47.8	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52	U	52	47.8	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58	U	58	47.8	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.263		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	18.072		20-120		45	SPK: -40
4165-62-2	Phenol-d5	20.988		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.572		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.172		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	22.341		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	22.014		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.56		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.695		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.127		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.241		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	23.212		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.513		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	23.48		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BK6	SDG No.:	BN061424
Lab Sample ID:	P2696-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
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
BN032008.D	1	6/7/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.152		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	24.62		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	28.813		10-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.211		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	326310	7.652				
1146-65-2	Naphthalene-d8	1518816	10.434				
15067-26-2	Acenaphthene-d10	1060189	14.298				
1517-22-2	Phenanthrene-d10	2186411	17.051				
1719-03-5	Chrysene-d12	1571923	21.286				
1520-96-3	Perylene-d12	1408046	24.21				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	140	J			17.951	
1000406-04-8	Pentadecafluorooctanoic acid, octa	120	J			20.969	
E966796	Total Alkanes	52	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN4	SDG No.:	BN061424
Lab Sample ID:	P2696-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	67.6
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
BN032009.D	1	6/7/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	37	U	37	20.3	210	ug/Kg
100-52-7	Benzaldehyde	150	U	150	250	1000	ug/Kg
110-86-1	Pyridine	37	U	37	510	1000	ug/Kg
108-95-2	Phenol	140	U	140	250	1000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	110	U	110	250	1000	ug/Kg
95-57-8	2-Chlorophenol	68	U	68	130	520	ug/Kg
95-48-7	2-Methylphenol	120	U	120	250	1000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	89	U	89	250	1000	ug/Kg
98-86-2	Acetophenone	180	U	180	250	1000	ug/Kg
106-44-5	4-Methylphenol	130	U	130	250	1000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	130	520	ug/Kg
67-72-1	Hexachloroethane	49	U	49	130	520	ug/Kg
98-95-3	Nitrobenzene	83	U	83	130	520	ug/Kg
78-59-1	Isophorone	110	U	110	130	520	ug/Kg
88-75-5	2-Nitrophenol	92	U	92	130	520	ug/Kg
105-67-9	2,4-Dimethylphenol	26	U	26	130	520	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	95	U	95	130	520	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	130	520	ug/Kg
91-20-3	Naphthalene	100	U	100	130	520	ug/Kg
106-47-8	4-Chloroaniline	140	U	140	130	1000	ug/Kg
87-68-3	Hexachlorobutadiene	80	U	80	130	520	ug/Kg
105-60-2	Caprolactam	120	U	120	250	1000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	130	520	ug/Kg
90-12-0	1-Methylnaphthalene	58	U	58	130	520	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	130	520	ug/Kg
77-47-4	Hexachlorocyclopentadiene	58	U	58	250	1000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	130	520	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	150	130	520	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN4	SDG No.:	BN061424
Lab Sample ID:	P2696-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	67.6
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
BN032009.D	1	6/7/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	140	U	140	130	520	ug/Kg
91-58-7	2-Chloronaphthalene	140	U	140	130	520	ug/Kg
88-74-4	2-Nitroaniline	68	U	68	130	520	ug/Kg
131-11-3	Dimethylphthalate	120	U	120	130	520	ug/Kg
606-20-2	2,6-Dinitrotoluene	80	U	80	130	520	ug/Kg
208-96-8	Acenaphthylene	140	U	140	130	520	ug/Kg
99-09-2	3-Nitroaniline	43	U	43	250	1000	ug/Kg
83-32-9	Acenaphthene	150	U	150	130	520	ug/Kg
51-28-5	2,4-Dinitrophenol	98	U	98	250	1000	ug/Kg
100-02-7	4-Nitrophenol	34	U	34	250	1000	ug/Kg
132-64-9	Dibenzofuran	120	U	120	130	520	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	130	520	ug/Kg
84-66-2	Diethylphthalate	130	U	130	130	520	ug/Kg
86-73-7	Fluorene	180	U	180	130	520	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	150	U	150	130	520	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	250	1000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	250	1000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	140	U	140	130	520	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	130	520	ug/Kg
101-55-3	4-Bromophenyl-phenylether	300	U	300	130	520	ug/Kg
118-74-1	Hexachlorobenzene	150	U	150	130	520	ug/Kg
1912-24-9	Atrazine	34	U	34	250	1000	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	250	1000	ug/Kg
85-01-8	Phenanthrene	200	J	160	130	520	ug/Kg
608-93-5	Pentachlorobenzene	110	U	110	130	520	ug/Kg
120-12-7	Anthracene	140	U	140	130	520	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	130	520	ug/Kg
86-74-8	Carbazole	190	U	190	250	1000	ug/Kg
84-74-2	Di-n-butylphthalate	180	U	180	130	520	ug/Kg
206-44-0	Fluoranthene	440	J	140	250	520	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN4	SDG No.:	BN061424
Lab Sample ID:	P2696-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	67.6
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
BN032009.D	1	6/7/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	290	J	140	130	520	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	130	520	ug/Kg
91-94-1	3,3-Dichlorobenzidine	77	U	77	250	1000	ug/Kg
56-55-3	Benzo(a)anthracene	160	J	120	130	520	ug/Kg
218-01-9	Chrysene	170	J	140	130	520	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	J	130	130	520	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	250	1000	ug/Kg
205-99-2	Benzo(b)fluoranthene	200	J	150	130	520	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	U	180	130	520	ug/Kg
50-32-8	Benzo(a)pyrene	180	U	180	130	520	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	140	130	520	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	U	160	130	520	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	U	140	130	520	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	160	130	520	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.531		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	3.754	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	31.111		10-130		78	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.654		10-150		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.936		15-120		82	SPK: -40
190780-66-6	4-Methylphenol-d8	32.59		10-140		81	SPK: -40
4165-60-0	Nitrobenzene-d5	32.714		10-135		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.106		10-120		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.425		10-140		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.351		1-145		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.08		10-145		80	SPK: -40
93951-97-4	Acenaphthylene-d8	31.89		15-120		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.997		10-150		67	SPK: -40
81103-79-9	Fluorene-d10	32.531		20-140		81	SPK: -40

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN4	SDG No.:	BN061424
Lab Sample ID:	P2696-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	67.6
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
BN032009.D	1	6/7/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.11		10-130		63	SPK: -40
1719-06-8	Anthracene-d10	33.12		10-150		83	SPK: -40
1718-52-1	Pyrene-d10	35.08		10-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.762		10-140		49	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	294138	7.652				
1146-65-2	Naphthalene-d8	1353536	10.434				
15067-26-2	Acenaphthene-d10	913714	14.298				
1517-22-2	Phenanthrene-d10	1845275	17.045				
1719-03-5	Chrysene-d12	1267756	21.286				
1520-96-3	Perylene-d12	1188203	24.21				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	250	J			4.787	
000057-10-3	n-Hexadecanoic acid	650	J			17.951	
000057-11-4	Octadecanoic acid	370	J			19.239	
	(DEL) Alkane: Straight-Chain	20.969	J			20.969	
E966796	Total Alkanes	370				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN5	SDG No.:	BN061424
Lab Sample ID:	P2696-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	37.4
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
BN032010.D	1	6/7/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	10.5	110	ug/Kg
100-52-7	Benzaldehyde	77	U	77	130	530	ug/Kg
110-86-1	Pyridine	19	U	19	260	530	ug/Kg
108-95-2	Phenol	72	U	72	130	530	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	56	U	56	130	530	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	67.9	270	ug/Kg
95-48-7	2-Methylphenol	62	U	62	130	530	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	130	530	ug/Kg
98-86-2	Acetophenone	94	U	94	130	530	ug/Kg
106-44-5	4-Methylphenol	65	U	65	130	530	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	59	67.9	270	ug/Kg
67-72-1	Hexachloroethane	26	U	26	67.9	270	ug/Kg
98-95-3	Nitrobenzene	43	U	43	67.9	270	ug/Kg
78-59-1	Isophorone	58	U	58	67.9	270	ug/Kg
88-75-5	2-Nitrophenol	48	U	48	67.9	270	ug/Kg
105-67-9	2,4-Dimethylphenol	14	U	14	67.9	270	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	67.9	270	ug/Kg
120-83-2	2,4-Dichlorophenol	54	U	54	67.9	270	ug/Kg
91-20-3	Naphthalene	53	U	53	67.9	270	ug/Kg
106-47-8	4-Chloroaniline	70	U	70	67.9	530	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	67.9	270	ug/Kg
105-60-2	Caprolactam	64	U	64	130	530	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	67.9	270	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	67.9	270	ug/Kg
91-57-6	2-Methylnaphthalene	59	U	59	67.9	270	ug/Kg
77-47-4	Hexachlorocyclopentadiene	30	U	30	130	530	ug/Kg
88-06-2	2,4,6-Trichlorophenol	80	U	80	67.9	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	78	U	78	67.9	270	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN5	SDG No.:	BN061424
Lab Sample ID:	P2696-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	37.4
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
BN032010.D	1	6/7/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	73	U	73	67.9	270	ug/Kg
91-58-7	2-Chloronaphthalene	70	U	70	67.9	270	ug/Kg
88-74-4	2-Nitroaniline	35	U	35	67.9	270	ug/Kg
131-11-3	Dimethylphthalate	61	U	61	67.9	270	ug/Kg
606-20-2	2,6-Dinitrotoluene	42	U	42	67.9	270	ug/Kg
208-96-8	Acenaphthylene	73	U	73	67.9	270	ug/Kg
99-09-2	3-Nitroaniline	22	U	22	130	530	ug/Kg
83-32-9	Acenaphthene	80	U	80	67.9	270	ug/Kg
51-28-5	2,4-Dinitrophenol	51	U	51	130	530	ug/Kg
100-02-7	4-Nitrophenol	18	U	18	130	530	ug/Kg
132-64-9	Dibenzofuran	64	U	64	67.9	270	ug/Kg
121-14-2	2,4-Dinitrotoluene	21	U	21	67.9	270	ug/Kg
84-66-2	Diethylphthalate	65	U	65	67.9	270	ug/Kg
86-73-7	Fluorene	93	U	93	67.9	270	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	77	U	77	67.9	270	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	130	530	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	62	U	62	130	530	ug/Kg
86-30-6	N-Nitrosodiphenylamine	72	U	72	67.9	270	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	72	U	72	67.9	270	ug/Kg
101-55-3	4-Bromophenyl-phenylether	160	U	160	67.9	270	ug/Kg
118-74-1	Hexachlorobenzene	80	U	80	67.9	270	ug/Kg
1912-24-9	Atrazine	18	U	18	130	530	ug/Kg
87-86-5	Pentachlorophenol	61	U	61	130	530	ug/Kg
85-01-8	Phenanthrene	85	U	85	67.9	270	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	67.9	270	ug/Kg
120-12-7	Anthracene	75	U	75	67.9	270	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	8.9	U	8.9	67.9	270	ug/Kg
86-74-8	Carbazole	97	U	97	130	530	ug/Kg
84-74-2	Di-n-butylphthalate	91	U	91	67.9	270	ug/Kg
206-44-0	Fluoranthene	72	U	72	130	270	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN5	SDG No.:	BN061424
Lab Sample ID:	P2696-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	37.4
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
BN032010.D	1	6/7/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	73	U	73	67.9	270	ug/Kg
85-68-7	Butylbenzylphthalate	69	U	69	67.9	270	ug/Kg
91-94-1	3,3-Dichlorobenzidine	40	U	40	130	530	ug/Kg
56-55-3	Benzo(a)anthracene	62	U	62	67.9	270	ug/Kg
218-01-9	Chrysene	73	U	73	67.9	270	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	69	U	69	67.9	270	ug/Kg
117-84-0	Di-n-octyl phthalate	69	U	69	130	530	ug/Kg
205-99-2	Benzo(b)fluoranthene	77	U	77	67.9	270	ug/Kg
207-08-9	Benzo(k)fluoranthene	93	U	93	67.9	270	ug/Kg
50-32-8	Benzo(a)pyrene	91	U	91	67.9	270	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	72	U	72	67.9	270	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	83	U	83	67.9	270	ug/Kg
191-24-2	Benzo(g,h,i)perylene	73	U	73	67.9	270	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	83	U	83	67.9	270	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.87		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	14.849		20-120		37	SPK: -40
4165-62-2	Phenol-d5	16.428		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.283		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.711		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	17.175		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	16.956		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.531		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.572		10-140		41	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.174		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.176		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	17.375		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.212		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	17.41		20-140		44	SPK: -40

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN5	SDG No.:	BN061424
Lab Sample ID:	P2696-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	37.4
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
BN032010.D	1	6/7/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.087		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	17.835		10-150		45	SPK: -40
1718-52-1	Pyrene-d10	21.839		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.102		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	295851	7.652				
1146-65-2	Naphthalene-d8	1346768	10.434				
15067-26-2	Acenaphthene-d10	924688	14.298				
1517-22-2	Phenanthrene-d10	1921537	17.051				
1719-03-5	Chrysene-d12	1369420	21.28				
1520-96-3	Perylene-d12	1223996	24.21				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	130	J			17.951	
	unknown-01	140	J			20.845	
	(DEL) Alkane: Straight-Chain	20.969	J			20.969	
	unknown-02	370	J			21.11	
000473-08-5	7-Isopropenyl-1,4a-dimethyl-4,4a,5	240	J			22.227	
	(DEL) Alkane: Straight-Chain	23.369	J			23.369	
E966796	Total Alkanes	260				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BM5	SDG No.:	BN061424
Lab Sample ID:	P2696-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032011.D	1	6/7/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	20	U	20	10.7	110	ug/Kg
100-52-7	Benzaldehyde	78	U	78	130	540	ug/Kg
110-86-1	Pyridine	20	U	20	270	540	ug/Kg
108-95-2	Phenol	73	U	73	130	540	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	57	U	57	130	540	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	69.1	280	ug/Kg
95-48-7	2-Methylphenol	63	U	63	130	540	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	130	540	ug/Kg
98-86-2	Acetophenone	96	U	96	130	540	ug/Kg
106-44-5	4-Methylphenol	67	U	67	130	540	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	60	69.1	280	ug/Kg
67-72-1	Hexachloroethane	26	U	26	69.1	280	ug/Kg
98-95-3	Nitrobenzene	44	U	44	69.1	280	ug/Kg
78-59-1	Isophorone	59	U	59	69.1	280	ug/Kg
88-75-5	2-Nitrophenol	49	U	49	69.1	280	ug/Kg
105-67-9	2,4-Dimethylphenol	14	U	14	69.1	280	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	69.1	280	ug/Kg
120-83-2	2,4-Dichlorophenol	55	U	55	69.1	280	ug/Kg
91-20-3	Naphthalene	54	U	54	69.1	280	ug/Kg
106-47-8	4-Chloroaniline	72	U	72	69.1	540	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	69.1	280	ug/Kg
105-60-2	Caprolactam	65	U	65	130	540	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	59	69.1	280	ug/Kg
90-12-0	1-Methylnaphthalene	31	U	31	69.1	280	ug/Kg
91-57-6	2-Methylnaphthalene	60	U	60	69.1	280	ug/Kg
77-47-4	Hexachlorocyclopentadiene	31	U	31	130	540	ug/Kg
88-06-2	2,4,6-Trichlorophenol	81	U	81	69.1	280	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80	U	80	69.1	280	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BM5	SDG No.:	BN061424
Lab Sample ID:	P2696-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032011.D	1	6/7/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	75	U	75	69.1	280	ug/Kg
91-58-7	2-Chloronaphthalene	72	U	72	69.1	280	ug/Kg
88-74-4	2-Nitroaniline	36	U	36	69.1	280	ug/Kg
131-11-3	Dimethylphthalate	62	U	62	69.1	280	ug/Kg
606-20-2	2,6-Dinitrotoluene	42	U	42	69.1	280	ug/Kg
208-96-8	Acenaphthylene	75	U	75	69.1	280	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	130	540	ug/Kg
83-32-9	Acenaphthene	81	U	81	69.1	280	ug/Kg
51-28-5	2,4-Dinitrophenol	52	U	52	130	540	ug/Kg
100-02-7	4-Nitrophenol	18	U	18	130	540	ug/Kg
132-64-9	Dibenzofuran	65	U	65	69.1	280	ug/Kg
121-14-2	2,4-Dinitrotoluene	21	U	21	69.1	280	ug/Kg
84-66-2	Diethylphthalate	67	U	67	69.1	280	ug/Kg
86-73-7	Fluorene	94	U	94	69.1	280	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	78	U	78	69.1	280	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	130	540	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	63	U	63	130	540	ug/Kg
86-30-6	N-Nitrosodiphenylamine	73	U	73	69.1	280	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	73	U	73	69.1	280	ug/Kg
101-55-3	4-Bromophenyl-phenylether	160	U	160	69.1	280	ug/Kg
118-74-1	Hexachlorobenzene	81	U	81	69.1	280	ug/Kg
1912-24-9	Atrazine	18	U	18	130	540	ug/Kg
87-86-5	Pentachlorophenol	62	U	62	130	540	ug/Kg
85-01-8	Phenanthrene	140	J	86	69.1	280	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	69.1	280	ug/Kg
120-12-7	Anthracene	76	U	76	69.1	280	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	9.1	U	9.1	69.1	280	ug/Kg
86-74-8	Carbazole	99	U	99	130	540	ug/Kg
84-74-2	Di-n-butylphthalate	93	U	93	69.1	280	ug/Kg
206-44-0	Fluoranthene	360		73	130	280	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BM5	SDG No.:	BN061424
Lab Sample ID:	P2696-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032011.D	1	6/7/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	240	J	75	69.1	280	ug/Kg
85-68-7	Butylbenzylphthalate	70	U	70	69.1	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	41	U	41	130	540	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	63	69.1	280	ug/Kg
218-01-9	Chrysene	140	J	75	69.1	280	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	J	70	69.1	280	ug/Kg
117-84-0	Di-n-octyl phthalate	70	U	70	130	540	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	J	78	69.1	280	ug/Kg
207-08-9	Benzo(k)fluoranthene	94	U	94	69.1	280	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	69.1	280	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	73	U	73	69.1	280	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85	U	85	69.1	280	ug/Kg
191-24-2	Benzo(g,h,i)perylene	75	U	75	69.1	280	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	85	U	85	69.1	280	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.248		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	1.614	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	26.579		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.486		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.098		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	23.479		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	27.941		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.981		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.14		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.741		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.637		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	27.845		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.862		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	28.7		20-140		72	SPK: -40

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BM5	SDG No.:	BN061424
Lab Sample ID:	P2696-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032011.D	1	6/7/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.571		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	28.593		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	30.603		10-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.536		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	284296	7.652				
1146-65-2	Naphthalene-d8	1307441	10.434				
15067-26-2	Acenaphthene-d10	884001	14.298				
1517-22-2	Phenanthrene-d10	1825954	17.051				
1719-03-5	Chrysene-d12	1250863	21.286				
1520-96-3	Perylene-d12	1130606	24.215				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	140	J			4.787	
000057-10-3	n-Hexadecanoic acid	340	J			17.951	
000057-11-4	Octadecanoic acid	110	J			19.239	
1000406-04-8	Pentadecafluorooctanoic acid, octa	190	J			20.974	
E966796	Total Alkanes	75	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BM6	SDG No.:	BN061424
Lab Sample ID:	P2696-25	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	37.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032012.D	1	6/7/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	10.6	110	ug/Kg
100-52-7	Benzaldehyde	77	U	77	130	530	ug/Kg
110-86-1	Pyridine	19	U	19	270	530	ug/Kg
108-95-2	Phenol	72	U	72	130	530	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	56	U	56	130	530	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	68.3	270	ug/Kg
95-48-7	2-Methylphenol	63	U	63	130	530	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	130	530	ug/Kg
98-86-2	Acetophenone	95	U	95	130	530	ug/Kg
106-44-5	4-Methylphenol	66	U	66	130	530	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	59	68.3	270	ug/Kg
67-72-1	Hexachloroethane	26	U	26	68.3	270	ug/Kg
98-95-3	Nitrobenzene	43	U	43	68.3	270	ug/Kg
78-59-1	Isophorone	58	U	58	68.3	270	ug/Kg
88-75-5	2-Nitrophenol	48	U	48	68.3	270	ug/Kg
105-67-9	2,4-Dimethylphenol	14	U	14	68.3	270	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	68.3	270	ug/Kg
120-83-2	2,4-Dichlorophenol	55	U	55	68.3	270	ug/Kg
91-20-3	Naphthalene	53	U	53	68.3	270	ug/Kg
106-47-8	4-Chloroaniline	71	U	71	68.3	530	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	68.3	270	ug/Kg
105-60-2	Caprolactam	64	U	64	130	530	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	68.3	270	ug/Kg
90-12-0	1-Methylnaphthalene	31	U	31	68.3	270	ug/Kg
91-57-6	2-Methylnaphthalene	59	U	59	68.3	270	ug/Kg
77-47-4	Hexachlorocyclopentadiene	31	U	31	130	530	ug/Kg
88-06-2	2,4,6-Trichlorophenol	80	U	80	68.3	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	79	U	79	68.3	270	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BM6	SDG No.:	BN061424
Lab Sample ID:	P2696-25	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	37.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032012.D	1	6/7/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	74	U	74	68.3	270	ug/Kg
91-58-7	2-Chloronaphthalene	71	U	71	68.3	270	ug/Kg
88-74-4	2-Nitroaniline	35	U	35	68.3	270	ug/Kg
131-11-3	Dimethylphthalate	61	U	61	68.3	270	ug/Kg
606-20-2	2,6-Dinitrotoluene	42	U	42	68.3	270	ug/Kg
208-96-8	Acenaphthylene	74	U	74	68.3	270	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	130	530	ug/Kg
83-32-9	Acenaphthene	80	U	80	68.3	270	ug/Kg
51-28-5	2,4-Dinitrophenol	51	U	51	130	530	ug/Kg
100-02-7	4-Nitrophenol	18	U	18	130	530	ug/Kg
132-64-9	Dibenzofuran	64	U	64	68.3	270	ug/Kg
121-14-2	2,4-Dinitrotoluene	21	U	21	68.3	270	ug/Kg
84-66-2	Diethylphthalate	66	U	66	68.3	270	ug/Kg
86-73-7	Fluorene	93	U	93	68.3	270	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	77	U	77	68.3	270	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	130	530	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	63	U	63	130	530	ug/Kg
86-30-6	N-Nitrosodiphenylamine	72	U	72	68.3	270	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	72	U	72	68.3	270	ug/Kg
101-55-3	4-Bromophenyl-phenylether	160	U	160	68.3	270	ug/Kg
118-74-1	Hexachlorobenzene	80	U	80	68.3	270	ug/Kg
1912-24-9	Atrazine	18	U	18	130	530	ug/Kg
87-86-5	Pentachlorophenol	61	U	61	130	530	ug/Kg
85-01-8	Phenanthrene	230	J	85	68.3	270	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	68.3	270	ug/Kg
120-12-7	Anthracene	76	U	76	68.3	270	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	9	U	9	68.3	270	ug/Kg
86-74-8	Carbazole	98	U	98	130	530	ug/Kg
84-74-2	Di-n-butylphthalate	92	U	92	68.3	270	ug/Kg
206-44-0	Fluoranthene	510		72	130	270	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BM6	SDG No.:	BN061424
Lab Sample ID:	P2696-25	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	37.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032012.D	1	6/7/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	320		74	68.3	270	ug/Kg
85-68-7	Butylbenzylphthalate	69	U	69	68.3	270	ug/Kg
91-94-1	3,3-Dichlorobenzidine	40	U	40	130	530	ug/Kg
56-55-3	Benzo(a)anthracene	160	J	63	68.3	270	ug/Kg
218-01-9	Chrysene	190	J	74	68.3	270	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	J	69	68.3	270	ug/Kg
117-84-0	Di-n-octyl phthalate	69	U	69	130	530	ug/Kg
205-99-2	Benzo(b)fluoranthene	240	J	77	68.3	270	ug/Kg
207-08-9	Benzo(k)fluoranthene	93	U	93	68.3	270	ug/Kg
50-32-8	Benzo(a)pyrene	92	U	92	68.3	270	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	72	U	72	68.3	270	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	84	U	84	68.3	270	ug/Kg
191-24-2	Benzo(g,h,i)perylene	74	U	74	68.3	270	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	84	U	84	68.3	270	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.121		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	1.268	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	25.298		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.779		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.59		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	24.96		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	26.838		10-135		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.474		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.132		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.829		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.902		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	26.596		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.308		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	27.102		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BM6	SDG No.:	BN061424
Lab Sample ID:	P2696-25	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	37.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032012.D	1	6/7/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.62		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	28.656		10-150		72	SPK: -40
1718-52-1	Pyrene-d10	30.528		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.542		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	294477	7.652				
1146-65-2	Naphthalene-d8	1362393	10.434				
15067-26-2	Acenaphthene-d10	915120	14.298				
1517-22-2	Phenanthrene-d10	1861840	17.051				
1719-03-5	Chrysene-d12	1243572	21.286				
1520-96-3	Perylene-d12	1156854	24.209				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	130	J			4.787	
000057-10-3	n-Hexadecanoic acid	330	J			17.951	
1000406-04-8	Pentadecafluorooctanoic acid, octa	190	J			20.968	
E966796	Total Alkanes	74	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN9	SDG No.:	BN061424
Lab Sample ID:	P2696-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	60.4
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
BN032013.D	1	6/7/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	16.7	170	ug/Kg
100-52-7	Benzaldehyde	120	U	120	210	830	ug/Kg
110-86-1	Pyridine	30	U	30	420	830	ug/Kg
108-95-2	Phenol	110	U	110	210	830	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	88	U	88	210	830	ug/Kg
95-57-8	2-Chlorophenol	56	U	56	110	430	ug/Kg
95-48-7	2-Methylphenol	98	U	98	210	830	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73	U	73	210	830	ug/Kg
98-86-2	Acetophenone	150	U	150	210	830	ug/Kg
106-44-5	4-Methylphenol	100	U	100	210	830	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	93	U	93	110	430	ug/Kg
67-72-1	Hexachloroethane	40	U	40	110	430	ug/Kg
98-95-3	Nitrobenzene	68	U	68	110	430	ug/Kg
78-59-1	Isophorone	91	U	91	110	430	ug/Kg
88-75-5	2-Nitrophenol	76	U	76	110	430	ug/Kg
105-67-9	2,4-Dimethylphenol	21	U	21	110	430	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	78	U	78	110	430	ug/Kg
120-83-2	2,4-Dichlorophenol	86	U	86	110	430	ug/Kg
91-20-3	Naphthalene	83	U	83	110	430	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	110	830	ug/Kg
87-68-3	Hexachlorobutadiene	66	U	66	110	430	ug/Kg
105-60-2	Caprolactam	100	U	100	210	830	ug/Kg
59-50-7	4-Chloro-3-methylphenol	91	U	91	110	430	ug/Kg
90-12-0	1-Methylnaphthalene	48	U	48	110	430	ug/Kg
91-57-6	2-Methylnaphthalene	93	U	93	110	430	ug/Kg
77-47-4	Hexachlorocyclopentadiene	48	U	48	210	830	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	U	130	110	430	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	110	430	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN9	SDG No.:	BN061424
Lab Sample ID:	P2696-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	60.4
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
BN032013.D	1	6/7/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	120	U	120	110	430	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	110	430	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	110	430	ug/Kg
131-11-3	Dimethylphthalate	96	U	96	110	430	ug/Kg
606-20-2	2,6-Dinitrotoluene	66	U	66	110	430	ug/Kg
208-96-8	Acenaphthylene	120	U	120	110	430	ug/Kg
99-09-2	3-Nitroaniline	35	U	35	210	830	ug/Kg
83-32-9	Acenaphthene	130	U	130	110	430	ug/Kg
51-28-5	2,4-Dinitrophenol	81	U	81	210	830	ug/Kg
100-02-7	4-Nitrophenol	28	U	28	210	830	ug/Kg
132-64-9	Dibenzofuran	100	U	100	110	430	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	110	430	ug/Kg
84-66-2	Diethylphthalate	100	U	100	110	430	ug/Kg
86-73-7	Fluorene	150	U	150	110	430	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	110	430	ug/Kg
100-01-6	4-Nitroaniline	40	U	40	210	830	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	98	U	98	210	830	ug/Kg
86-30-6	N-Nitrosodiphenylamine	110	U	110	110	430	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	110	430	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250	U	250	110	430	ug/Kg
118-74-1	Hexachlorobenzene	130	U	130	110	430	ug/Kg
1912-24-9	Atrazine	28	U	28	210	830	ug/Kg
87-86-5	Pentachlorophenol	96	U	96	210	830	ug/Kg
85-01-8	Phenanthrene	130	U	130	110	430	ug/Kg
608-93-5	Pentachlorobenzene	91	U	91	110	430	ug/Kg
120-12-7	Anthracene	120	U	120	110	430	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	14	U	14	110	430	ug/Kg
86-74-8	Carbazole	150	U	150	210	830	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	110	430	ug/Kg
206-44-0	Fluoranthene	110	U	110	210	430	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN9	SDG No.:	BN061424
Lab Sample ID:	P2696-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	60.4
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
BN032013.D	1	6/7/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	120	U	120	110	430	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	110	430	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	210	830	ug/Kg
56-55-3	Benzo(a)anthracene	98	U	98	110	430	ug/Kg
218-01-9	Chrysene	120	U	120	110	430	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	110	430	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	210	830	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	U	120	110	430	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	U	150	110	430	ug/Kg
50-32-8	Benzo(a)pyrene	140	U	140	110	430	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	110	430	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	110	430	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	U	120	110	430	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	130	U	130	110	430	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	14.744		20-120		37	SPK: -40
17647-74-4	1,4-Dioxane-d8	3.046		15-120		38	SPK: -8
4165-62-2	Phenol-d5	17.841		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.582		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.992		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	18.755		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	17.836		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.757		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.768		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.63		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.095		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	17.964		15-120		45	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.374		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	18.068		20-140		45	SPK: -40

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN9	SDG No.:	BN061424
Lab Sample ID:	P2696-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	60.4
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
BN032013.D	1	6/7/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.056		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	18.468		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	23.319		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.721		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	288650	7.652				
1146-65-2	Naphthalene-d8	1340892	10.434				
15067-26-2	Acenaphthene-d10	927659	14.298				
1517-22-2	Phenanthrene-d10	1852249	17.051				
1719-03-5	Chrysene-d12	1261176	21.28				
1520-96-3	Perylene-d12	1174979	24.204				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	180	J			17.951	
E966796	Total Alkanes	120	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN2	SDG No.:	BN061424
Lab Sample ID:	P2696-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032014.D	1	6/7/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	24	U	24	13.2	130	ug/Kg
100-52-7	Benzaldehyde	96	U	96	170	660	ug/Kg
110-86-1	Pyridine	24	U	24	330	660	ug/Kg
108-95-2	Phenol	90	U	90	170	660	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	70	U	70	170	660	ug/Kg
95-57-8	2-Chlorophenol	44	U	44	85.1	340	ug/Kg
95-48-7	2-Methylphenol	78	U	78	170	660	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58	U	58	170	660	ug/Kg
98-86-2	Acetophenone	120	U	120	170	660	ug/Kg
106-44-5	4-Methylphenol	82	U	82	170	660	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	74	U	74	85.1	340	ug/Kg
67-72-1	Hexachloroethane	32	U	32	85.1	340	ug/Kg
98-95-3	Nitrobenzene	54	U	54	85.1	340	ug/Kg
78-59-1	Isophorone	72	U	72	85.1	340	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	85.1	340	ug/Kg
105-67-9	2,4-Dimethylphenol	17	U	17	85.1	340	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	62	U	62	85.1	340	ug/Kg
120-83-2	2,4-Dichlorophenol	68	U	68	85.1	340	ug/Kg
91-20-3	Naphthalene	66	U	66	85.1	340	ug/Kg
106-47-8	4-Chloroaniline	88	U	88	85.1	660	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	85.1	340	ug/Kg
105-60-2	Caprolactam	80	U	80	170	660	ug/Kg
59-50-7	4-Chloro-3-methylphenol	72	U	72	85.1	340	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	85.1	340	ug/Kg
91-57-6	2-Methylnaphthalene	74	U	74	85.1	340	ug/Kg
77-47-4	Hexachlorocyclopentadiene	38	U	38	170	660	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	85.1	340	ug/Kg
95-95-4	2,4,5-Trichlorophenol	98	U	98	85.1	340	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN2	SDG No.:	BN061424
Lab Sample ID:	P2696-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032014.D	1	6/7/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	92	U	92	85.1	340	ug/Kg
91-58-7	2-Chloronaphthalene	88	U	88	85.1	340	ug/Kg
88-74-4	2-Nitroaniline	44	U	44	85.1	340	ug/Kg
131-11-3	Dimethylphthalate	76	U	76	85.1	340	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	85.1	340	ug/Kg
208-96-8	Acenaphthylene	92	U	92	85.1	340	ug/Kg
99-09-2	3-Nitroaniline	28	U	28	170	660	ug/Kg
83-32-9	Acenaphthene	100	U	100	85.1	340	ug/Kg
51-28-5	2,4-Dinitrophenol	64	U	64	170	660	ug/Kg
100-02-7	4-Nitrophenol	22	U	22	170	660	ug/Kg
132-64-9	Dibenzofuran	80	U	80	85.1	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	26	U	26	85.1	340	ug/Kg
84-66-2	Diethylphthalate	82	U	82	85.1	340	ug/Kg
86-73-7	Fluorene	120	U	120	85.1	340	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	96	U	96	85.1	340	ug/Kg
100-01-6	4-Nitroaniline	32	U	32	170	660	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78	U	78	170	660	ug/Kg
86-30-6	N-Nitrosodiphenylamine	90	U	90	85.1	340	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	90	U	90	85.1	340	ug/Kg
101-55-3	4-Bromophenyl-phenylether	200	U	200	85.1	340	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	85.1	340	ug/Kg
1912-24-9	Atrazine	22	U	22	170	660	ug/Kg
87-86-5	Pentachlorophenol	76	U	76	170	660	ug/Kg
85-01-8	Phenanthrene	110	U	110	85.1	340	ug/Kg
608-93-5	Pentachlorobenzene	72	U	72	85.1	340	ug/Kg
120-12-7	Anthracene	94	U	94	85.1	340	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	11	U	11	85.1	340	ug/Kg
86-74-8	Carbazole	120	U	120	170	660	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	85.1	340	ug/Kg
206-44-0	Fluoranthene	90	U	90	170	340	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN2	SDG No.:	BN061424
Lab Sample ID:	P2696-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032014.D	1	6/7/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	92	U	92	85.1	340	ug/Kg
85-68-7	Butylbenzylphthalate	86	U	86	85.1	340	ug/Kg
91-94-1	3,3-Dichlorobenzidine	50	U	50	170	660	ug/Kg
56-55-3	Benzo(a)anthracene	78	U	78	85.1	340	ug/Kg
218-01-9	Chrysene	92	U	92	85.1	340	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	86	U	86	85.1	340	ug/Kg
117-84-0	Di-n-octyl phthalate	86	U	86	170	660	ug/Kg
205-99-2	Benzo(b)fluoranthene	96	U	96	85.1	340	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	U	120	85.1	340	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	85.1	340	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	90	U	90	85.1	340	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	85.1	340	ug/Kg
191-24-2	Benzo(g,h,i)perylene	92	U	92	85.1	340	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	85.1	340	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.227		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	21.356		20-120		53	SPK: -40
4165-62-2	Phenol-d5	24.949		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.693		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.122		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	26.831		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	25.968		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.525		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.054		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.273		1-145		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.037		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	28.087		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.789		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	27.921		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN2	SDG No.:	BN061424
Lab Sample ID:	P2696-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032014.D	1	6/7/2024 12:00:00 AM	6/14/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.483		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	28.993		10-150		72	SPK: -40
1718-52-1	Pyrene-d10	36.689		10-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.593		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	293211	7.652				
1146-65-2	Naphthalene-d8	1358726	10.434				
15067-26-2	Acenaphthene-d10	927511	14.298				
1517-22-2	Phenanthrene-d10	1891002	17.051				
1719-03-5	Chrysene-d12	1251303	21.28				
1520-96-3	Perylene-d12	1208577	24.204				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	330	J			17.951	
1000406-04-8	Pentadecafluorooctanoic acid, octa	270	J			20.969	
E966796	Total Alkanes	92	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B91	SDG No.:	BN061424
Lab Sample ID:	P2696-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032015.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	10.6	110	ug/Kg
100-52-7	Benzaldehyde	77	U	77	130	530	ug/Kg
110-86-1	Pyridine	19	U	19	270	530	ug/Kg
108-95-2	Phenol	73	U	73	130	530	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	56	U	56	130	530	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	68.5	270	ug/Kg
95-48-7	2-Methylphenol	63	U	63	130	530	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	130	530	ug/Kg
98-86-2	Acetophenone	95	U	95	130	530	ug/Kg
106-44-5	4-Methylphenol	66	U	66	130	530	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	60	68.5	270	ug/Kg
67-72-1	Hexachloroethane	26	U	26	68.5	270	ug/Kg
98-95-3	Nitrobenzene	44	U	44	68.5	270	ug/Kg
78-59-1	Isophorone	58	U	58	68.5	270	ug/Kg
88-75-5	2-Nitrophenol	48	U	48	68.5	270	ug/Kg
105-67-9	2,4-Dimethylphenol	14	U	14	68.5	270	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	68.5	270	ug/Kg
120-83-2	2,4-Dichlorophenol	55	U	55	68.5	270	ug/Kg
91-20-3	Naphthalene	53	U	53	68.5	270	ug/Kg
106-47-8	4-Chloroaniline	71	U	71	68.5	530	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	68.5	270	ug/Kg
105-60-2	Caprolactam	65	U	65	130	530	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	68.5	270	ug/Kg
90-12-0	1-Methylnaphthalene	31	U	31	68.5	270	ug/Kg
91-57-6	2-Methylnaphthalene	60	U	60	68.5	270	ug/Kg
77-47-4	Hexachlorocyclopentadiene	31	U	31	130	530	ug/Kg
88-06-2	2,4,6-Trichlorophenol	81	U	81	68.5	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	79	U	79	68.5	270	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B91	SDG No.:	BN061424
Lab Sample ID:	P2696-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032015.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	74	U	74	68.5	270	ug/Kg
91-58-7	2-Chloronaphthalene	71	U	71	68.5	270	ug/Kg
88-74-4	2-Nitroaniline	35	U	35	68.5	270	ug/Kg
131-11-3	Dimethylphthalate	61	U	61	68.5	270	ug/Kg
606-20-2	2,6-Dinitrotoluene	42	U	42	68.5	270	ug/Kg
208-96-8	Acenaphthylene	74	U	74	68.5	270	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	130	530	ug/Kg
83-32-9	Acenaphthene	81	U	81	68.5	270	ug/Kg
51-28-5	2,4-Dinitrophenol	52	U	52	130	530	ug/Kg
100-02-7	4-Nitrophenol	18	U	18	130	530	ug/Kg
132-64-9	Dibenzofuran	65	U	65	68.5	270	ug/Kg
121-14-2	2,4-Dinitrotoluene	21	U	21	68.5	270	ug/Kg
84-66-2	Diethylphthalate	66	U	66	68.5	270	ug/Kg
86-73-7	Fluorene	94	U	94	68.5	270	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	77	U	77	68.5	270	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	130	530	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	63	U	63	130	530	ug/Kg
86-30-6	N-Nitrosodiphenylamine	73	U	73	68.5	270	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	73	U	73	68.5	270	ug/Kg
101-55-3	4-Bromophenyl-phenylether	160	U	160	68.5	270	ug/Kg
118-74-1	Hexachlorobenzene	81	U	81	68.5	270	ug/Kg
1912-24-9	Atrazine	18	U	18	130	530	ug/Kg
87-86-5	Pentachlorophenol	61	U	61	130	530	ug/Kg
85-01-8	Phenanthrene	220	J	85	68.5	270	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	68.5	270	ug/Kg
120-12-7	Anthracene	76	U	76	68.5	270	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	9	U	9	68.5	270	ug/Kg
86-74-8	Carbazole	98	U	98	130	530	ug/Kg
84-74-2	Di-n-butylphthalate	92	U	92	68.5	270	ug/Kg
206-44-0	Fluoranthene	300		73	130	270	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B91	SDG No.:	BN061424
Lab Sample ID:	P2696-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032015.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	210	J	74	68.5	270	ug/Kg
85-68-7	Butylbenzylphthalate	69	U	69	68.5	270	ug/Kg
91-94-1	3,3-Dichlorobenzidine	40	U	40	130	530	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	63	68.5	270	ug/Kg
218-01-9	Chrysene	140	J	74	68.5	270	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	78	J	69	68.5	270	ug/Kg
117-84-0	Di-n-octyl phthalate	69	U	69	130	530	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	77	68.5	270	ug/Kg
207-08-9	Benzo(k)fluoranthene	94	U	94	68.5	270	ug/Kg
50-32-8	Benzo(a)pyrene	92	U	92	68.5	270	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	73	U	73	68.5	270	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	84	U	84	68.5	270	ug/Kg
191-24-2	Benzo(g,h,i)perylene	74	U	74	68.5	270	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	84	U	84	68.5	270	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.683		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	1.274	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	21.582		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.182		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.296		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	20.386		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	22.458		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.941		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.066		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.875		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.84		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	22.275		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.716		10-150		39	SPK: -40
81103-79-9	Fluorene-d10	21.669		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B91	SDG No.:	BN061424
Lab Sample ID:	P2696-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032015.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.401		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	23.514		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	20.244		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.377		10-140		36	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	297643	7.652				
1146-65-2	Naphthalene-d8	1305807	10.434				
15067-26-2	Acenaphthene-d10	775049	14.298				
1517-22-2	Phenanthrene-d10	1396366	17.045				
1719-03-5	Chrysene-d12	1202515	21.286				
1520-96-3	Perylene-d12	1432442	24.21				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	130	J			4.787	
000057-10-3	n-Hexadecanoic acid	230	J			17.951	
1000309-37-9	Oxalic acid, isobutyl tetradecyl e	210	J			20.969	
	(DEL) Alkane: Straight-Chain22.028	350	J			22.028	
E966796	Total Alkanes	350				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B92	SDG No.:	BN061424
Lab Sample ID:	P2696-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.5
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
BN032016.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.7	88	ug/Kg
100-52-7	Benzaldehyde	64	U	64	110	440	ug/Kg
110-86-1	Pyridine	16	U	16	220	440	ug/Kg
108-95-2	Phenol	60	U	60	110	440	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	110	440	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	56.3	230	ug/Kg
95-48-7	2-Methylphenol	52	U	52	110	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	38	U	38	110	440	ug/Kg
98-86-2	Acetophenone	78	U	78	110	440	ug/Kg
106-44-5	4-Methylphenol	54	U	54	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	49	U	49	56.3	230	ug/Kg
67-72-1	Hexachloroethane	21	U	21	56.3	230	ug/Kg
98-95-3	Nitrobenzene	36	U	36	56.3	230	ug/Kg
78-59-1	Isophorone	48	U	48	56.3	230	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	56.3	230	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	56.3	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	41	U	41	56.3	230	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	56.3	230	ug/Kg
91-20-3	Naphthalene	44	U	44	56.3	230	ug/Kg
106-47-8	4-Chloroaniline	58	U	58	56.3	440	ug/Kg
87-68-3	Hexachlorobutadiene	34	U	34	56.3	230	ug/Kg
105-60-2	Caprolactam	53	U	53	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	56.3	230	ug/Kg
90-12-0	1-Methylnaphthalene	25	U	25	56.3	230	ug/Kg
91-57-6	2-Methylnaphthalene	49	U	49	56.3	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	25	U	25	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	66	U	66	56.3	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	65	U	65	56.3	230	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B92	SDG No.:	BN061424
Lab Sample ID:	P2696-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.5
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
BN032016.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	61	U	61	56.3	230	ug/Kg
91-58-7	2-Chloronaphthalene	58	U	58	56.3	230	ug/Kg
88-74-4	2-Nitroaniline	29	U	29	56.3	230	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	56.3	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	34	U	34	56.3	230	ug/Kg
208-96-8	Acenaphthylene	61	U	61	56.3	230	ug/Kg
99-09-2	3-Nitroaniline	19	U	19	110	440	ug/Kg
83-32-9	Acenaphthene	66	U	66	56.3	230	ug/Kg
51-28-5	2,4-Dinitrophenol	42	U	42	110	440	ug/Kg
100-02-7	4-Nitrophenol	15	U	15	110	440	ug/Kg
132-64-9	Dibenzofuran	53	U	53	56.3	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	17	U	17	56.3	230	ug/Kg
84-66-2	Diethylphthalate	54	U	54	56.3	230	ug/Kg
86-73-7	Fluorene	77	U	77	56.3	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	64	U	64	56.3	230	ug/Kg
100-01-6	4-Nitroaniline	21	U	21	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	52	U	52	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	60	U	60	56.3	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60	U	60	56.3	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	56.3	230	ug/Kg
118-74-1	Hexachlorobenzene	66	U	66	56.3	230	ug/Kg
1912-24-9	Atrazine	15	U	15	110	440	ug/Kg
87-86-5	Pentachlorophenol	50	U	50	110	440	ug/Kg
85-01-8	Phenanthrene	110	J	70	56.3	230	ug/Kg
608-93-5	Pentachlorobenzene	48	U	48	56.3	230	ug/Kg
120-12-7	Anthracene	62	U	62	56.3	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.4	U	7.4	56.3	230	ug/Kg
86-74-8	Carbazole	81	U	81	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	56.3	230	ug/Kg
206-44-0	Fluoranthene	160	J	60	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B92	SDG No.:	BN061424
Lab Sample ID:	P2696-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.5
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
BN032016.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	130	J	61	56.3	230	ug/Kg
85-68-7	Butylbenzylphthalate	57	U	57	56.3	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	33	U	33	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	53	J	52	56.3	230	ug/Kg
218-01-9	Chrysene	61	U	61	56.3	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57	U	57	56.3	230	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	64	U	64	56.3	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	77	U	77	56.3	230	ug/Kg
50-32-8	Benzo(a)pyrene	75	U	75	56.3	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	60	U	60	56.3	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	69	U	69	56.3	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	61	U	61	56.3	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	69	U	69	56.3	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.196		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	22.564		20-120		56	SPK: -40
4165-62-2	Phenol-d5	25.829		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.611		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.828		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	27.985		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	28.58		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.476		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.378		10-140		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.958		1-145		72	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.657		10-145		79	SPK: -40
93951-97-4	Acenaphthylene-d8	30.968		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.335		10-150		63	SPK: -40
81103-79-9	Fluorene-d10	31.041		20-140		78	SPK: -40

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B92	SDG No.:	BN061424
Lab Sample ID:	P2696-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.5
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
BN032016.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.618		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	31.424		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	40.364		10-130		101	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.499		10-140		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	305530	7.652				
1146-65-2	Naphthalene-d8	1376666	10.434				
15067-26-2	Acenaphthene-d10	910529	14.298				
1517-22-2	Phenanthrene-d10	1809677	17.051				
1719-03-5	Chrysene-d12	1109446	21.286				
1520-96-3	Perylene-d12	1195082	24.21				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	180	J			17.951	
1000406-04-8	Pentadecafluorooctanoic acid, octa	170	J			20.969	
E966796	Total Alkanes	61	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:	SBLK388	SDG No.:	BN061424
Lab Sample ID:	PB161388BL	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
BN032018.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

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:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	SBLK388	SDG No.:	BN061424
Lab Sample ID:	PB161388BL	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
BN032018.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

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:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	SBLK388	SDG No.:	BN061424
Lab Sample ID:	PB161388BL	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
BN032018.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

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	6.699		15-120		84	SPK: -8
7291-22-7	Pyridine-d5	33.889		20-120		85	SPK: -40
4165-62-2	Phenol-d5	34.549		10-130		86	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.785		10-150		84	SPK: -40
93951-73-6	2-Chlorophenol-d4	37.168		15-120		93	SPK: -40
190780-66-6	4-Methylphenol-d8	34.176		10-140		85	SPK: -40
4165-60-0	Nitrobenzene-d5	36.371		10-135		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.237		10-120		96	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.823		10-140		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.973		1-145		87	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.032		10-145		88	SPK: -40
93951-97-4	Acenaphthylene-d8	35.27		15-120		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.66		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	33.781		20-140		84	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:	SBLK388	SDG No.:	BN061424
Lab Sample ID:	PB161388BL	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
BN032018.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.541		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	37.081		10-150		93	SPK: -40
1718-52-1	Pyrene-d10	36.394		10-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.056		10-140		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	284035	7.651				
1146-65-2	Naphthalene-d8	1235038	10.434				
15067-26-2	Acenaphthene-d10	753841	14.298				
1517-22-2	Phenanthrene-d10	1371370	17.045				
1719-03-5	Chrysene-d12	1171291	21.28				
1520-96-3	Perylene-d12	1372057	24.204				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN8	SDG No.:	BN061424
Lab Sample ID:	P2696-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	55.1
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
BN032019.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	14.7	150	ug/Kg
100-52-7	Benzaldehyde	110	U	110	180	730	ug/Kg
110-86-1	Pyridine	27	U	27	370	730	ug/Kg
108-95-2	Phenol	100	U	100	180	730	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	78	U	78	180	730	ug/Kg
95-57-8	2-Chlorophenol	49	U	49	94.3	380	ug/Kg
95-48-7	2-Methylphenol	87	U	87	180	730	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	64	U	64	180	730	ug/Kg
98-86-2	Acetophenone	130	U	130	180	730	ug/Kg
106-44-5	4-Methylphenol	91	U	91	180	730	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	82	U	82	94.3	380	ug/Kg
67-72-1	Hexachloroethane	36	U	36	94.3	380	ug/Kg
98-95-3	Nitrobenzene	60	U	60	94.3	380	ug/Kg
78-59-1	Isophorone	80	U	80	94.3	380	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	94.3	380	ug/Kg
105-67-9	2,4-Dimethylphenol	19	U	19	94.3	380	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	69	U	69	94.3	380	ug/Kg
120-83-2	2,4-Dichlorophenol	75	U	75	94.3	380	ug/Kg
91-20-3	Naphthalene	73	U	73	94.3	380	ug/Kg
106-47-8	4-Chloroaniline	98	U	98	94.3	730	ug/Kg
87-68-3	Hexachlorobutadiene	58	U	58	94.3	380	ug/Kg
105-60-2	Caprolactam	89	U	89	180	730	ug/Kg
59-50-7	4-Chloro-3-methylphenol	80	U	80	94.3	380	ug/Kg
90-12-0	1-Methylnaphthalene	42	U	42	94.3	380	ug/Kg
91-57-6	2-Methylnaphthalene	82	U	82	94.3	380	ug/Kg
77-47-4	Hexachlorocyclopentadiene	42	U	42	180	730	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	94.3	380	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	94.3	380	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN8	SDG No.:	BN061424
Lab Sample ID:	P2696-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	55.1
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
BN032019.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	100	U	100	94.3	380	ug/Kg
91-58-7	2-Chloronaphthalene	98	U	98	94.3	380	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	94.3	380	ug/Kg
131-11-3	Dimethylphthalate	84	U	84	94.3	380	ug/Kg
606-20-2	2,6-Dinitrotoluene	58	U	58	94.3	380	ug/Kg
208-96-8	Acenaphthylene	100	U	100	94.3	380	ug/Kg
99-09-2	3-Nitroaniline	31	U	31	180	730	ug/Kg
83-32-9	Acenaphthene	110	U	110	94.3	380	ug/Kg
51-28-5	2,4-Dinitrophenol	71	U	71	180	730	ug/Kg
100-02-7	4-Nitrophenol	24	U	24	180	730	ug/Kg
132-64-9	Dibenzofuran	89	U	89	94.3	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	29	U	29	94.3	380	ug/Kg
84-66-2	Diethylphthalate	91	U	91	94.3	380	ug/Kg
86-73-7	Fluorene	130	U	130	94.3	380	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	94.3	380	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	180	730	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87	U	87	180	730	ug/Kg
86-30-6	N-Nitrosodiphenylamine	100	U	100	94.3	380	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	94.3	380	ug/Kg
101-55-3	4-Bromophenyl-phenylether	220	U	220	94.3	380	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	94.3	380	ug/Kg
1912-24-9	Atrazine	24	U	24	180	730	ug/Kg
87-86-5	Pentachlorophenol	84	U	84	180	730	ug/Kg
85-01-8	Phenanthrene	120	U	120	94.3	380	ug/Kg
608-93-5	Pentachlorobenzene	80	U	80	94.3	380	ug/Kg
120-12-7	Anthracene	100	U	100	94.3	380	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	12	U	12	94.3	380	ug/Kg
86-74-8	Carbazole	140	U	140	180	730	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	94.3	380	ug/Kg
206-44-0	Fluoranthene	100	U	100	180	380	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN8	SDG No.:	BN061424
Lab Sample ID:	P2696-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	55.1
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
BN032019.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	100	U	100	94.3	380	ug/Kg
85-68-7	Butylbenzylphthalate	95	U	95	94.3	380	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	180	730	ug/Kg
56-55-3	Benzo(a)anthracene	87	U	87	94.3	380	ug/Kg
218-01-9	Chrysene	100	U	100	94.3	380	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	95	U	95	94.3	380	ug/Kg
117-84-0	Di-n-octyl phthalate	95	U	95	180	730	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	94.3	380	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	U	130	94.3	380	ug/Kg
50-32-8	Benzo(a)pyrene	130	U	130	94.3	380	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	94.3	380	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	U	120	94.3	380	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	94.3	380	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	120	U	120	94.3	380	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.896		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	15.335		20-120		38	SPK: -40
4165-62-2	Phenol-d5	17.588		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.985		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.453		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	18.107		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	17.539		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.085		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.595		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.238		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.281		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	18.281		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.87		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	18.185		20-140		45	SPK: -40

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN8	SDG No.:	BN061424
Lab Sample ID:	P2696-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	55.1
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
BN032019.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.927		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	18.48		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	23.076		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.623		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	346137	7.652				
1146-65-2	Naphthalene-d8	1598499	10.434				
15067-26-2	Acenaphthene-d10	1093978	14.298				
1517-22-2	Phenanthrene-d10	2226678	17.051				
1719-03-5	Chrysene-d12	1516145	21.28				
1520-96-3	Perylene-d12	1404934	24.21				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	100	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BJ1	SDG No.:	BN061424
Lab Sample ID:	P2696-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032020.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	24	U	24	13.3	130	ug/Kg
100-52-7	Benzaldehyde	97	U	97	170	660	ug/Kg
110-86-1	Pyridine	24	U	24	330	660	ug/Kg
108-95-2	Phenol	91	U	91	170	660	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	70	U	70	170	660	ug/Kg
95-57-8	2-Chlorophenol	44	U	44	85.6	340	ug/Kg
95-48-7	2-Methylphenol	79	U	79	170	660	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58	U	58	170	660	ug/Kg
98-86-2	Acetophenone	120	U	120	170	660	ug/Kg
106-44-5	4-Methylphenol	83	U	83	170	660	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	74	U	74	85.6	340	ug/Kg
67-72-1	Hexachloroethane	32	U	32	85.6	340	ug/Kg
98-95-3	Nitrobenzene	54	U	54	85.6	340	ug/Kg
78-59-1	Isophorone	72	U	72	85.6	340	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	85.6	340	ug/Kg
105-67-9	2,4-Dimethylphenol	17	U	17	85.6	340	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	62	U	62	85.6	340	ug/Kg
120-83-2	2,4-Dichlorophenol	68	U	68	85.6	340	ug/Kg
91-20-3	Naphthalene	66	U	66	85.6	340	ug/Kg
106-47-8	4-Chloroaniline	89	U	89	85.6	660	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	85.6	340	ug/Kg
105-60-2	Caprolactam	81	U	81	170	660	ug/Kg
59-50-7	4-Chloro-3-methylphenol	72	U	72	85.6	340	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	85.6	340	ug/Kg
91-57-6	2-Methylnaphthalene	74	U	74	85.6	340	ug/Kg
77-47-4	Hexachlorocyclopentadiene	38	U	38	170	660	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	85.6	340	ug/Kg
95-95-4	2,4,5-Trichlorophenol	99	U	99	85.6	340	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BJ1	SDG No.:	BN061424
Lab Sample ID:	P2696-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032020.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	93	U	93	85.6	340	ug/Kg
91-58-7	2-Chloronaphthalene	89	U	89	85.6	340	ug/Kg
88-74-4	2-Nitroaniline	44	U	44	85.6	340	ug/Kg
131-11-3	Dimethylphthalate	77	U	77	85.6	340	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	85.6	340	ug/Kg
208-96-8	Acenaphthylene	93	U	93	85.6	340	ug/Kg
99-09-2	3-Nitroaniline	28	U	28	170	660	ug/Kg
83-32-9	Acenaphthene	230	J	100	85.6	340	ug/Kg
51-28-5	2,4-Dinitrophenol	64	U	64	170	660	ug/Kg
100-02-7	4-Nitrophenol	22	U	22	170	660	ug/Kg
132-64-9	Dibenzofuran	81	U	81	85.6	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	26	U	26	85.6	340	ug/Kg
84-66-2	Diethylphthalate	83	U	83	85.6	340	ug/Kg
86-73-7	Fluorene	230	J	120	85.6	340	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	97	U	97	85.6	340	ug/Kg
100-01-6	4-Nitroaniline	32	U	32	170	660	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79	U	79	170	660	ug/Kg
86-30-6	N-Nitrosodiphenylamine	91	U	91	85.6	340	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	91	U	91	85.6	340	ug/Kg
101-55-3	4-Bromophenyl-phenylether	200	U	200	85.6	340	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	85.6	340	ug/Kg
1912-24-9	Atrazine	22	U	22	170	660	ug/Kg
87-86-5	Pentachlorophenol	77	U	77	170	660	ug/Kg
85-01-8	Phenanthrene	3100		110	85.6	340	ug/Kg
608-93-5	Pentachlorobenzene	72	U	72	85.6	340	ug/Kg
120-12-7	Anthracene	440		95	85.6	340	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	11	U	11	85.6	340	ug/Kg
86-74-8	Carbazole	120	U	120	170	660	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	85.6	340	ug/Kg
206-44-0	Fluoranthene	2300		91	170	340	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BJ1	SDG No.:	BN061424
Lab Sample ID:	P2696-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032020.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2200		93	85.6	340	ug/Kg
85-68-7	Butylbenzylphthalate	87	U	87	85.6	340	ug/Kg
91-94-1	3,3-Dichlorobenzidine	50	U	50	170	660	ug/Kg
56-55-3	Benzo(a)anthracene	1000		79	85.6	340	ug/Kg
218-01-9	Chrysene	1100		93	85.6	340	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	87	U	87	85.6	340	ug/Kg
117-84-0	Di-n-octyl phthalate	87	U	87	170	660	ug/Kg
205-99-2	Benzo(b)fluoranthene	860		97	85.6	340	ug/Kg
207-08-9	Benzo(k)fluoranthene	300	J	120	85.6	340	ug/Kg
50-32-8	Benzo(a)pyrene	390		110	85.6	340	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240	J	91	85.6	340	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	J	100	85.6	340	ug/Kg
191-24-2	Benzo(g,h,i)perylene	93	U	93	85.6	340	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	85.6	340	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.264		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	0.797	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	25.418		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.472		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.624		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	24.429		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	27.43		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.952		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.683		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.486		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.728		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	27.416		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.037		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	26.67		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BJ1	SDG No.:	BN061424
Lab Sample ID:	P2696-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032020.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.937		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	27.583		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	24.25		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.769		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	286409	7.652				
1146-65-2	Naphthalene-d8	1196468	10.434				
15067-26-2	Acenaphthene-d10	698901	14.298				
1517-22-2	Phenanthrene-d10	1291568	17.051				
1719-03-5	Chrysene-d12	1142285	21.286				
1520-96-3	Perylene-d12	1404819	24.215				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	180	J			4.787	
002141-42-6	Anthracene, 1,2,3,4-tetrahydro-	210	J			16.804	
000132-65-0	Dibenzothiophene	240	J			16.869	
016587-52-3	Dibenzothiophene, 3-methyl-	170	J			17.628	
1000383-55-1	2-Methyldibenzothiophene	140	J			17.769	
002531-84-2	Phenanthrene, 2-methyl-	670	J			17.922	
000613-12-7	Anthracene, 2-methyl-	890	J			17.969	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	210	J			18.051	
000203-64-5	4H-Cyclopenta[def]phenanthrene	970	J			18.116	
000832-69-9	Phenanthrene, 1-methyl-	450	J			18.157	
000612-94-2	Naphthalene, 2-phenyl-	370	J			18.428	
000084-65-1	9,10-Anthracenedione	240	J			18.475	
003674-69-9	Phenanthrene, 4,5-dimethyl-	180	J			18.675	
001576-67-6	Phenanthrene, 3,6-dimethyl-	420	J			18.845	
	unknown-02	250	J			18.91	
005737-13-3	Cyclopenta(def)phenanthrenone	340	J			18.992	
003442-78-2	Pyrene, 2-methyl-	210	J			19.804	

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BJ1	SDG No.:	BN061424
Lab Sample ID:	P2696-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032020.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000243-17-4	11H-Benzo[b]fluorene	360	J			19.974	
002381-21-7	Pyrene, 1-methyl-	170	J			20.133	
000238-84-6	11H-Benzo[a]fluorene	160	J			20.322	
000479-79-8	11H-Benzo[a]fluoren-11-one	180	J			20.722	
000203-12-3	Benzo[ghi]fluoranthene	210	J			20.974	
001705-84-6	Triphenylene, 2-methyl-	130	J			21.957	
E966796	Total Alkanes	93	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BK4	SDG No.:	BN061424
Lab Sample ID:	P2696-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032021.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.2	72	ug/Kg
100-52-7	Benzaldehyde	52	U	52	89.6	360	ug/Kg
110-86-1	Pyridine	13	U	13	180	360	ug/Kg
108-95-2	Phenol	49	U	49	89.6	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	89.6	360	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	46.1	180	ug/Kg
95-48-7	2-Methylphenol	42	U	42	89.6	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	89.6	360	ug/Kg
98-86-2	Acetophenone	64	U	64	89.6	360	ug/Kg
106-44-5	4-Methylphenol	45	U	45	89.6	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	40	U	40	46.1	180	ug/Kg
67-72-1	Hexachloroethane	17	U	17	46.1	180	ug/Kg
98-95-3	Nitrobenzene	29	U	29	46.1	180	ug/Kg
78-59-1	Isophorone	39	U	39	46.1	180	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	46.1	180	ug/Kg
105-67-9	2,4-Dimethylphenol	9.2	U	9.2	46.1	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	34	U	34	46.1	180	ug/Kg
120-83-2	2,4-Dichlorophenol	37	U	37	46.1	180	ug/Kg
91-20-3	Naphthalene	36	U	36	46.1	180	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	46.1	360	ug/Kg
87-68-3	Hexachlorobutadiene	28	U	28	46.1	180	ug/Kg
105-60-2	Caprolactam	43	U	43	89.6	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	39	U	39	46.1	180	ug/Kg
90-12-0	1-Methylnaphthalene	21	U	21	46.1	180	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	46.1	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	21	U	21	89.6	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	46.1	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	46.1	180	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BK4	SDG No.:	BN061424
Lab Sample ID:	P2696-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032021.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	50	U	50	46.1	180	ug/Kg
91-58-7	2-Chloronaphthalene	48	U	48	46.1	180	ug/Kg
88-74-4	2-Nitroaniline	24	U	24	46.1	180	ug/Kg
131-11-3	Dimethylphthalate	41	U	41	46.1	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	28	U	28	46.1	180	ug/Kg
208-96-8	Acenaphthylene	50	U	50	46.1	180	ug/Kg
99-09-2	3-Nitroaniline	15	U	15	89.6	360	ug/Kg
83-32-9	Acenaphthene	54	U	54	46.1	180	ug/Kg
51-28-5	2,4-Dinitrophenol	35	U	35	89.6	360	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	89.6	360	ug/Kg
132-64-9	Dibenzofuran	43	U	43	46.1	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	14	U	14	46.1	180	ug/Kg
84-66-2	Diethylphthalate	45	U	45	46.1	180	ug/Kg
86-73-7	Fluorene	63	U	63	46.1	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	52	U	52	46.1	180	ug/Kg
100-01-6	4-Nitroaniline	17	U	17	89.6	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	89.6	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	46.1	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	49	U	49	46.1	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	46.1	180	ug/Kg
118-74-1	Hexachlorobenzene	54	U	54	46.1	180	ug/Kg
1912-24-9	Atrazine	12	U	12	89.6	360	ug/Kg
87-86-5	Pentachlorophenol	41	U	41	89.6	360	ug/Kg
85-01-8	Phenanthrene	58	J	58	46.1	180	ug/Kg
608-93-5	Pentachlorobenzene	39	U	39	46.1	180	ug/Kg
120-12-7	Anthracene	51	U	51	46.1	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.1	U	6.1	46.1	180	ug/Kg
86-74-8	Carbazole	66	U	66	89.6	360	ug/Kg
84-74-2	Di-n-butylphthalate	62	U	62	46.1	180	ug/Kg
206-44-0	Fluoranthene	120	J	49	89.6	180	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BK4	SDG No.:	BN061424
Lab Sample ID:	P2696-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032021.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	110	J	50	46.1	180	ug/Kg
85-68-7	Butylbenzylphthalate	47	U	47	46.1	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	89.6	360	ug/Kg
56-55-3	Benzo(a)anthracene	53	J	42	46.1	180	ug/Kg
218-01-9	Chrysene	58	J	50	46.1	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	47	U	47	46.1	180	ug/Kg
117-84-0	Di-n-octyl phthalate	47	U	47	89.6	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	58	J	52	46.1	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	63	U	63	46.1	180	ug/Kg
50-32-8	Benzo(a)pyrene	62	U	62	46.1	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49	U	49	46.1	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56	U	56	46.1	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50	U	50	46.1	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	56	U	56	46.1	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.581		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	19.298		20-120		48	SPK: -40
4165-62-2	Phenol-d5	23.261		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.984		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.073		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	24.212		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	23.917		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.533		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.277		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.844		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.221		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	25.718		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.474		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	26.109		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	A4BK4	SDG No.:	BN061424
Lab Sample ID:	P2696-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032021.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.795		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	26.888		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	34.541		10-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.005		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	302898	7.652				
1146-65-2	Naphthalene-d8	1380369	10.434				
15067-26-2	Acenaphthene-d10	922968	14.298				
1517-22-2	Phenanthrene-d10	1845335	17.045				
1719-03-5	Chrysene-d12	1147956	21.28				
1520-96-3	Perylene-d12	1142436	24.204				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	150	J			17.951	
1000309-38-1	Oxalic acid, isobutyl hexadecyl es	110	J			20.969	
E966796	Total Alkanes	50	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B90	SDG No.:	BN061424
Lab Sample ID:	P2696-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032022.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	21	U	21	11.8	120	ug/Kg
100-52-7	Benzaldehyde	86	U	86	150	590	ug/Kg
110-86-1	Pyridine	21	U	21	290	590	ug/Kg
108-95-2	Phenol	80	U	80	150	590	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	63	U	63	150	590	ug/Kg
95-57-8	2-Chlorophenol	39	U	39	75.9	300	ug/Kg
95-48-7	2-Methylphenol	70	U	70	150	590	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	52	U	52	150	590	ug/Kg
98-86-2	Acetophenone	110	U	110	150	590	ug/Kg
106-44-5	4-Methylphenol	73	U	73	150	590	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	66	U	66	75.9	300	ug/Kg
67-72-1	Hexachloroethane	29	U	29	75.9	300	ug/Kg
98-95-3	Nitrobenzene	48	U	48	75.9	300	ug/Kg
78-59-1	Isophorone	64	U	64	75.9	300	ug/Kg
88-75-5	2-Nitrophenol	54	U	54	75.9	300	ug/Kg
105-67-9	2,4-Dimethylphenol	15	U	15	75.9	300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	75.9	300	ug/Kg
120-83-2	2,4-Dichlorophenol	61	U	61	75.9	300	ug/Kg
91-20-3	Naphthalene	59	U	59	75.9	300	ug/Kg
106-47-8	4-Chloroaniline	79	U	79	75.9	590	ug/Kg
87-68-3	Hexachlorobutadiene	46	U	46	75.9	300	ug/Kg
105-60-2	Caprolactam	71	U	71	150	590	ug/Kg
59-50-7	4-Chloro-3-methylphenol	64	U	64	75.9	300	ug/Kg
90-12-0	1-Methylnaphthalene	34	U	34	75.9	300	ug/Kg
91-57-6	2-Methylnaphthalene	66	U	66	75.9	300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	34	U	34	150	590	ug/Kg
88-06-2	2,4,6-Trichlorophenol	89	U	89	75.9	300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	88	U	88	75.9	300	ug/Kg



Client:			Date Collected:	6/5/2024 12:00:00 AM	
Project:			Date Received:	6/5/2024 12:00:00 AM	
Client Sample ID:	A4B90		SDG No.:	BN061424	
Lab Sample ID:	P2696-21		Matrix:	Solid	
Analytical Method:	SFAM_SVOC		% Moisture:	44.2	
Sample Wt/Vol:	30.1	Units: g	Final Vol:	500	uL
Soil Aliquot Vol:		uL	Test:		
Extraction Type :		Decanted :	Level :	LOW	
Injection Volume :		GPC Factor :	GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032022.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	82	U	82	75.9	300	ug/Kg
91-58-7	2-Chloronaphthalene	79	U	79	75.9	300	ug/Kg
88-74-4	2-Nitroaniline	39	U	39	75.9	300	ug/Kg
131-11-3	Dimethylphthalate	68	U	68	75.9	300	ug/Kg
606-20-2	2,6-Dinitrotoluene	46	U	46	75.9	300	ug/Kg
208-96-8	Acenaphthylene	82	U	82	75.9	300	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	150	590	ug/Kg
83-32-9	Acenaphthene	89	U	89	75.9	300	ug/Kg
51-28-5	2,4-Dinitrophenol	57	U	57	150	590	ug/Kg
100-02-7	4-Nitrophenol	20	U	20	150	590	ug/Kg
132-64-9	Dibenzofuran	71	U	71	75.9	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	23	U	23	75.9	300	ug/Kg
84-66-2	Diethylphthalate	73	U	73	75.9	300	ug/Kg
86-73-7	Fluorene	100	U	100	75.9	300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	86	U	86	75.9	300	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	150	590	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70	U	70	150	590	ug/Kg
86-30-6	N-Nitrosodiphenylamine	80	U	80	75.9	300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	80	U	80	75.9	300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	180	U	180	75.9	300	ug/Kg
118-74-1	Hexachlorobenzene	89	U	89	75.9	300	ug/Kg
1912-24-9	Atrazine	20	U	20	150	590	ug/Kg
87-86-5	Pentachlorophenol	68	U	68	150	590	ug/Kg
85-01-8	Phenanthrene	800		95	75.9	300	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	75.9	300	ug/Kg
120-12-7	Anthracene	130	J	84	75.9	300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	10	U	10	75.9	300	ug/Kg
86-74-8	Carbazole	110	U	110	150	590	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	75.9	300	ug/Kg
206-44-0	Fluoranthene	1700		80	150	300	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B90	SDG No.:	BN061424
Lab Sample ID:	P2696-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032022.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		82	75.9	300	ug/Kg
85-68-7	Butylbenzylphthalate	77	U	77	75.9	300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	45	U	45	150	590	ug/Kg
56-55-3	Benzo(a)anthracene	540		70	75.9	300	ug/Kg
218-01-9	Chrysene	620		82	75.9	300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	320		77	75.9	300	ug/Kg
117-84-0	Di-n-octyl phthalate	77	U	77	150	590	ug/Kg
205-99-2	Benzo(b)fluoranthene	760		86	75.9	300	ug/Kg
207-08-9	Benzo(k)fluoranthene	250	J	100	75.9	300	ug/Kg
50-32-8	Benzo(a)pyrene	270	J	100	75.9	300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230	J	80	75.9	300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	J	93	75.9	300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	82	U	82	75.9	300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	93	U	93	75.9	300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.05		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	1.851	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	26.745		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.055		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.339		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	26.888		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	27.517		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.097		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.392		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.188		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.167		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	28.138		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.937		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	27.717		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B90	SDG No.:	BN061424
Lab Sample ID:	P2696-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032022.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.036		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	28.129		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	32.006		10-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.755		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	331517	7.651				
1146-65-2	Naphthalene-d8	1515086	10.434				
15067-26-2	Acenaphthene-d10	973097	14.298				
1517-22-2	Phenanthrene-d10	1881596	17.051				
1719-03-5	Chrysene-d12	1080694	21.286				
1520-96-3	Perylene-d12	1173963	24.215				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	150	J			4.787	
000057-10-3	n-Hexadecanoic acid	500	J			17.951	
000203-64-5	4H-Cyclopenta[def]phenanthrene	220	J			18.116	
	(DEL) Alkane: Cyclic20.974	290	J			20.974	
	(DEL) Alkane: Straight-Chain22.021	140	J			22.021	
1000438-95-0	Undecanoic acid, pentadecyl ester	140	J			22.462	
E966796	Total Alkanes	430				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP0	SDG No.:	BN061424
Lab Sample ID:	P2696-26	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	63.1
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
BN032023.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	17.8	180	ug/Kg
100-52-7	Benzaldehyde	130	U	130	220	890	ug/Kg
110-86-1	Pyridine	32	U	32	450	890	ug/Kg
108-95-2	Phenol	120	U	120	220	890	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	95	U	95	220	890	ug/Kg
95-57-8	2-Chlorophenol	59	U	59	110	460	ug/Kg
95-48-7	2-Methylphenol	110	U	110	220	890	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	78	U	78	220	890	ug/Kg
98-86-2	Acetophenone	160	U	160	220	890	ug/Kg
106-44-5	4-Methylphenol	110	U	110	220	890	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	110	460	ug/Kg
67-72-1	Hexachloroethane	43	U	43	110	460	ug/Kg
98-95-3	Nitrobenzene	73	U	73	110	460	ug/Kg
78-59-1	Isophorone	97	U	97	110	460	ug/Kg
88-75-5	2-Nitrophenol	81	U	81	110	460	ug/Kg
105-67-9	2,4-Dimethylphenol	23	U	23	110	460	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	84	U	84	110	460	ug/Kg
120-83-2	2,4-Dichlorophenol	92	U	92	110	460	ug/Kg
91-20-3	Naphthalene	89	U	89	110	460	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	110	890	ug/Kg
87-68-3	Hexachlorobutadiene	70	U	70	110	460	ug/Kg
105-60-2	Caprolactam	110	U	110	220	890	ug/Kg
59-50-7	4-Chloro-3-methylphenol	97	U	97	110	460	ug/Kg
90-12-0	1-Methylnaphthalene	51	U	51	110	460	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	110	460	ug/Kg
77-47-4	Hexachlorocyclopentadiene	51	U	51	220	890	ug/Kg
88-06-2	2,4,6-Trichlorophenol	140	U	140	110	460	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	U	130	110	460	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP0	SDG No.:	BN061424
Lab Sample ID:	P2696-26	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	63.1
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
BN032023.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	120	U	120	110	460	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	110	460	ug/Kg
88-74-4	2-Nitroaniline	59	U	59	110	460	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	110	460	ug/Kg
606-20-2	2,6-Dinitrotoluene	70	U	70	110	460	ug/Kg
208-96-8	Acenaphthylene	120	U	120	110	460	ug/Kg
99-09-2	3-Nitroaniline	38	U	38	220	890	ug/Kg
83-32-9	Acenaphthene	140	U	140	110	460	ug/Kg
51-28-5	2,4-Dinitrophenol	86	U	86	220	890	ug/Kg
100-02-7	4-Nitrophenol	30	U	30	220	890	ug/Kg
132-64-9	Dibenzofuran	110	U	110	110	460	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	110	460	ug/Kg
84-66-2	Diethylphthalate	110	U	110	110	460	ug/Kg
86-73-7	Fluorene	160	U	160	110	460	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	130	U	130	110	460	ug/Kg
100-01-6	4-Nitroaniline	43	U	43	220	890	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	220	890	ug/Kg
86-30-6	N-Nitrosodiphenylamine	120	U	120	110	460	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	110	460	ug/Kg
101-55-3	4-Bromophenyl-phenylether	270	U	270	110	460	ug/Kg
118-74-1	Hexachlorobenzene	140	U	140	110	460	ug/Kg
1912-24-9	Atrazine	30	U	30	220	890	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	220	890	ug/Kg
85-01-8	Phenanthrene	140	J	140	110	460	ug/Kg
608-93-5	Pentachlorobenzene	97	U	97	110	460	ug/Kg
120-12-7	Anthracene	130	U	130	110	460	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	15	U	15	110	460	ug/Kg
86-74-8	Carbazole	160	U	160	220	890	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	150	110	460	ug/Kg
206-44-0	Fluoranthene	440	J	120	220	460	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP0	SDG No.:	BN061424
Lab Sample ID:	P2696-26	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	63.1
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
BN032023.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	290	J	120	110	460	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	110	460	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68	U	68	220	890	ug/Kg
56-55-3	Benzo(a)anthracene	140	J	110	110	460	ug/Kg
218-01-9	Chrysene	190	J	120	110	460	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	110	460	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	220	890	ug/Kg
205-99-2	Benzo(b)fluoranthene	260	J	130	110	460	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	U	160	110	460	ug/Kg
50-32-8	Benzo(a)pyrene	150	U	150	110	460	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	U	120	110	460	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	U	140	110	460	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	U	120	110	460	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	140	U	140	110	460	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.687		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	0.532	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	23.29		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.765		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.491		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	19.521		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	25.12		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.349		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.958		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.041		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.828		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	25.264		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.438		10-150		44	SPK: -40
81103-79-9	Fluorene-d10	25.413		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP0	SDG No.:	BN061424
Lab Sample ID:	P2696-26	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	63.1
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
BN032023.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	24.665		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	28.095		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.276		10-140		41	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	333914	7.652				
1146-65-2	Naphthalene-d8	1525560	10.434				
15067-26-2	Acenaphthene-d10	997494	14.298				
1517-22-2	Phenanthrene-d10	1986862	17.045				
1719-03-5	Chrysene-d12	1244417	21.28				
1520-96-3	Perylene-d12	1253894	24.204				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	220	J			4.787	
000057-10-3	n-Hexadecanoic acid	480	J			17.951	
1000406-04-8	Pentadecafluorooctanoic acid, octa	460	J			20.969	
1000438-94-8	Undecanoic acid, tridecyl ester	350	J			22.463	
	(DEL) Alkane: Straight-Chain23.369	390	J			23.369	
E966796	Total Alkanes	390				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN1	SDG No.:	BN061424
Lab Sample ID:	P2696-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45.3
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
BN032024.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	22	U	22	12.1	120	ug/Kg
100-52-7	Benzaldehyde	88	U	88	150	600	ug/Kg
110-86-1	Pyridine	22	U	22	300	600	ug/Kg
108-95-2	Phenol	82	U	82	150	600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	64	U	64	150	600	ug/Kg
95-57-8	2-Chlorophenol	40	U	40	77.7	310	ug/Kg
95-48-7	2-Methylphenol	71	U	71	150	600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	53	U	53	150	600	ug/Kg
98-86-2	Acetophenone	110	U	110	150	600	ug/Kg
106-44-5	4-Methylphenol	75	U	75	150	600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	68	U	68	77.7	310	ug/Kg
67-72-1	Hexachloroethane	29	U	29	77.7	310	ug/Kg
98-95-3	Nitrobenzene	49	U	49	77.7	310	ug/Kg
78-59-1	Isophorone	66	U	66	77.7	310	ug/Kg
88-75-5	2-Nitrophenol	55	U	55	77.7	310	ug/Kg
105-67-9	2,4-Dimethylphenol	16	U	16	77.7	310	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	77.7	310	ug/Kg
120-83-2	2,4-Dichlorophenol	62	U	62	77.7	310	ug/Kg
91-20-3	Naphthalene	60	U	60	77.7	310	ug/Kg
106-47-8	4-Chloroaniline	80	U	80	77.7	600	ug/Kg
87-68-3	Hexachlorobutadiene	48	U	48	77.7	310	ug/Kg
105-60-2	Caprolactam	73	U	73	150	600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	66	U	66	77.7	310	ug/Kg
90-12-0	1-Methylnaphthalene	35	U	35	77.7	310	ug/Kg
91-57-6	2-Methylnaphthalene	68	U	68	77.7	310	ug/Kg
77-47-4	Hexachlorocyclopentadiene	35	U	35	150	600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	91	U	91	77.7	310	ug/Kg
95-95-4	2,4,5-Trichlorophenol	90	U	90	77.7	310	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN1	SDG No.:	BN061424
Lab Sample ID:	P2696-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45.3
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
BN032024.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	84	U	84	77.7	310	ug/Kg
91-58-7	2-Chloronaphthalene	80	U	80	77.7	310	ug/Kg
88-74-4	2-Nitroaniline	40	U	40	77.7	310	ug/Kg
131-11-3	Dimethylphthalate	69	U	69	77.7	310	ug/Kg
606-20-2	2,6-Dinitrotoluene	48	U	48	77.7	310	ug/Kg
208-96-8	Acenaphthylene	84	U	84	77.7	310	ug/Kg
99-09-2	3-Nitroaniline	26	U	26	150	600	ug/Kg
83-32-9	Acenaphthene	91	U	91	77.7	310	ug/Kg
51-28-5	2,4-Dinitrophenol	59	U	59	150	600	ug/Kg
100-02-7	4-Nitrophenol	20	U	20	150	600	ug/Kg
132-64-9	Dibenzofuran	73	U	73	77.7	310	ug/Kg
121-14-2	2,4-Dinitrotoluene	24	U	24	77.7	310	ug/Kg
84-66-2	Diethylphthalate	75	U	75	77.7	310	ug/Kg
86-73-7	Fluorene	110	U	110	77.7	310	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	88	U	88	77.7	310	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	150	600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	71	U	71	150	600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	82	U	82	77.7	310	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	82	U	82	77.7	310	ug/Kg
101-55-3	4-Bromophenyl-phenylether	180	U	180	77.7	310	ug/Kg
118-74-1	Hexachlorobenzene	91	U	91	77.7	310	ug/Kg
1912-24-9	Atrazine	20	U	20	150	600	ug/Kg
87-86-5	Pentachlorophenol	69	U	69	150	600	ug/Kg
85-01-8	Phenanthrene	97	U	97	77.7	310	ug/Kg
608-93-5	Pentachlorobenzene	66	U	66	77.7	310	ug/Kg
120-12-7	Anthracene	86	U	86	77.7	310	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	10	U	10	77.7	310	ug/Kg
86-74-8	Carbazole	110	U	110	150	600	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	77.7	310	ug/Kg
206-44-0	Fluoranthene	190	J	82	150	310	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN1	SDG No.:	BN061424
Lab Sample ID:	P2696-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45.3
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
BN032024.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	150	J	84	77.7	310	ug/Kg
85-68-7	Butylbenzylphthalate	79	U	79	77.7	310	ug/Kg
91-94-1	3,3-Dichlorobenzidine	46	U	46	150	600	ug/Kg
56-55-3	Benzo(a)anthracene	71	U	71	77.7	310	ug/Kg
218-01-9	Chrysene	84	U	84	77.7	310	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	79	U	79	77.7	310	ug/Kg
117-84-0	Di-n-octyl phthalate	79	U	79	150	600	ug/Kg
205-99-2	Benzo(b)fluoranthene	98	J	88	77.7	310	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	77.7	310	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	77.7	310	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	82	U	82	77.7	310	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	95	U	95	77.7	310	ug/Kg
191-24-2	Benzo(g,h,i)perylene	84	U	84	77.7	310	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	95	U	95	77.7	310	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.968		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	14.994		20-120		37	SPK: -40
4165-62-2	Phenol-d5	19.926		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.057		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.283		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	21.762		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	21.335		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.595		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.097		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.5		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.032		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	23.071		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.72		10-150		44	SPK: -40
81103-79-9	Fluorene-d10	23.032		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	A4BN1	SDG No.:	BN061424
Lab Sample ID:	P2696-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45.3
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
BN032024.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.072		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	24.347		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	31.235		10-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.411		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	307017	7.652				
1146-65-2	Naphthalene-d8	1380789	10.434				
15067-26-2	Acenaphthene-d10	905082	14.298				
1517-22-2	Phenanthrene-d10	1736612	17.045				
1719-03-5	Chrysene-d12	1030798	21.28				
1520-96-3	Perylene-d12	1139163	24.21				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	230	J			17.945	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	340	J			20.969	
E966796	Total Alkanes	84	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:	SLCS388	SDG No.:	BN061424
Lab Sample ID:	PB161388BS	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
BN032025.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	420		12	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1500		48	82.5	330	ug/Kg
110-86-1	Pyridine	1100		12	170	330	ug/Kg
108-95-2	Phenol	1200		45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200		35	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1200		22	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1200		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		29	82.5	330	ug/Kg
98-86-2	Acetophenone	1200		59	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1300		41	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1200		37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1200		16	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1100		27	42.5	170	ug/Kg
78-59-1	Isophorone	1100		36	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1300		30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		8.5	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100		31	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		34	42.5	170	ug/Kg
91-20-3	Naphthalene	1200		33	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	1100		44	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1200		26	42.5	170	ug/Kg
105-60-2	Caprolactam	1200		40	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		36	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	1200		19	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1200		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	740		19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		50	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		49	42.5	170	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:	SLCS388	SDG No.:	BN061424
Lab Sample ID:	PB161388BS	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
BN032025.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

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	1300		22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	1200		38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1200		46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1300		14	82.5	330	ug/Kg
83-32-9	Acenaphthene	1200		50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	1200		32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1200		11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1200		40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	1200		41	42.5	170	ug/Kg
86-73-7	Fluorene	1200		58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1400		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	1300		50	42.5	170	ug/Kg
1912-24-9	Atrazine	1100		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	1300		36	42.5	170	ug/Kg
120-12-7	Anthracene	1200		47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1300		5.6	42.5	170	ug/Kg
86-74-8	Carbazole	1300		61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1200		57	42.5	170	ug/Kg
206-44-0	Fluoranthene	1600		45	82.5	170	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:	SLCS388	SDG No.:	BN061424
Lab Sample ID:	PB161388BS	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
BN032025.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600		46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1500		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	1200		39	42.5	170	ug/Kg
218-01-9	Chrysene	1200		46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	1100		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	1400		52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.926		15-120		74	SPK: -8
7291-22-7	Pyridine-d5	31.545		20-120		79	SPK: -40
4165-62-2	Phenol-d5	36.028		10-130		90	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.31		10-150		86	SPK: -40
93951-73-6	2-Chlorophenol-d4	38.381		15-120		96	SPK: -40
190780-66-6	4-Methylphenol-d8	36.903		10-140		92	SPK: -40
4165-60-0	Nitrobenzene-d5	36.316		10-135		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.903		10-120		97	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.248		10-140		93	SPK: -40
191656-33-4	4-Chloroaniline-d4	35.234		1-145		88	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.805		10-145		90	SPK: -40
93951-97-4	Acenaphthylene-d8	36.572		15-120		91	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.333		10-150		86	SPK: -40
81103-79-9	Fluorene-d10	35.073		20-140		88	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:	SLCS388	SDG No.:	BN061424
Lab Sample ID:	PB161388BS	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
BN032025.D	1	6/7/2024 12:00:00 AM	6/15/2024 12:00:00 AM	PB161388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.68		10-130		92	SPK: -40
1719-06-8	Anthracene-d10	37.101		10-150		93	SPK: -40
1718-52-1	Pyrene-d10	47.125		10-130		118	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.16		10-140		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	311887	7.652				
1146-65-2	Naphthalene-d8	1439160	10.434				
15067-26-2	Acenaphthene-d10	926460	14.298				
1517-22-2	Phenanthrene-d10	1790133	17.045				
1719-03-5	Chrysene-d12	1082108	21.286				
1520-96-3	Perylene-d12	1146278	24.21				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN061424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4BK3								
P2695-10	A4BK3	Solid	Ethanol, 2-(tetradecyloxy)-	*	300.000	J		
P2695-10	A4BK3	Solid	n-Hexadecanoic acid	*	690.000	J		
P2695-10	A4BK3	Solid	Octadecanoic acid	*	240.000	J		
P2695-10	A4BK3	Solid	unknown-01	*	170.000	J		
P2695-10	A4BK3	Solid	Total Alkanes	*	0.000	98	360	ug/Kg
Total Tics :				1,400.00				
P2695-10	A4BK3	Solid	Benzo(a)anthracene		210.000	J 83	360	ug/Kg
P2695-10	A4BK3	Solid	Benzo(a)pyrene		120.000	J 120	360	ug/Kg
P2695-10	A4BK3	Solid	Benzo(b)fluoranthene		280.000	J 100	360	ug/Kg
P2695-10	A4BK3	Solid	Benzo(k)fluoranthene		120.000	J 120	360	ug/Kg
P2695-10	A4BK3	Solid	Bis(2-ethylhexyl)phthalate		120.000	J 91	360	ug/Kg
P2695-10	A4BK3	Solid	Chrysene		250.000	J 98	360	ug/Kg
P2695-10	A4BK3	Solid	Fluoranthene		580.000	96	360	ug/Kg
P2695-10	A4BK3	Solid	Indeno(1,2,3-cd)pyrene		98.000	J 96	360	ug/Kg
P2695-10	A4BK3	Solid	Phenanthrene		250.000	J 110	360	ug/Kg
P2695-10	A4BK3	Solid	Pyrene		380.000	98	360	ug/Kg
Total Svoc :				2,408.00				
Total Concentration:				3,808.00				
Client ID : A4BK5								
P2695-11	A4BK5	Solid	(DEL) Alkane: Straight-Chain20.5	*	160.000	J		
P2695-11	A4BK5	Solid	4H-Cyclopenta[def]phenanthrene	*	150.000	J		
P2695-11	A4BK5	Solid	n-Hexadecanoic acid	*	520.000	J		
P2695-11	A4BK5	Solid	unknown-01	*	120.000	J		
P2695-11	A4BK5	Solid	Total Alkanes	*	160.000	76	280	ug/Kg
Total Tics :				1,110.00				
P2695-11	A4BK5	Solid	Anthracene		110.000	J 77	280	ug/Kg
P2695-11	A4BK5	Solid	Benzo(a)anthracene		390.000	64	280	ug/Kg
P2695-11	A4BK5	Solid	Benzo(a)pyrene		160.000	J 94	280	ug/Kg
P2695-11	A4BK5	Solid	Benzo(b)fluoranthene		330.000	79	280	ug/Kg
P2695-11	A4BK5	Solid	Benzo(k)fluoranthene		150.000	J 95	280	ug/Kg
P2695-11	A4BK5	Solid	Chrysene		350.000	76	280	ug/Kg
P2695-11	A4BK5	Solid	Fluoranthene		800.000	74	280	ug/Kg
P2695-11	A4BK5	Solid	Indeno(1,2,3-cd)pyrene		100.000	J 74	280	ug/Kg
P2695-11	A4BK5	Solid	Phenanthrene		390.000	87	280	ug/Kg
P2695-11	A4BK5	Solid	Pyrene		570.000	76	280	ug/Kg
Total Svoc :				3,350.00				



SDG No.: BN061424

Client:

Client ID : A4DG5

Hit Summary Sheet SW-846

SDG No.: BN061424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2695-17	A4DG5	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P2695-17	A4DG5	Solid	9,10-Anthracenedione	*	170.000	J		
P2695-17	A4DG5	Solid	9-Octadecenoic acid (Z)-, methyl	*	91.000	J		
P2695-17	A4DG5	Solid	Benzene, 1,2-dichloro-	*	6,300.000	J		
P2695-17	A4DG5	Solid	Benzene, 1,4-dichloro-	*	2,100.000	J		
P2695-17	A4DG5	Solid	Dodecanoic acid, methyl ester	*	77.000	J		
P2695-17	A4DG5	Solid	Hexadecanoic acid, methyl ester	*	130.000	J		
P2695-17	A4DG5	Solid	Methyl stearate	*	79.000	J		
P2695-17	A4DG5	Solid	n-Hexadecanoic acid	*	780.000	J		
P2695-17	A4DG5	Solid	Octadecanoic acid	*	120.000	J		
P2695-17	A4DG5	Solid	Total Alkanes	*	0.000	46	170	ug/Kg
Total Tics :					9,957.00			
P2695-17	A4DG5	Solid	2,4,5-Trichlorophenol		3,400.000	E 49	170	ug/Kg
P2695-17	A4DG5	Solid	2,4,6-Trichlorophenol		2,500.000	50	170	ug/Kg
P2695-17	A4DG5	Solid	2,4-Dichlorophenol		5,000.000	E 34	170	ug/Kg
P2695-17	A4DG5	Solid	2,4-Dinitrotoluene		5,600.000	E 13	170	ug/Kg
P2695-17	A4DG5	Solid	2,6-Dinitrotoluene		3,500.000	E 26	170	ug/Kg
P2695-17	A4DG5	Solid	2-Chlorophenol		1,700.000	22	170	ug/Kg
P2695-17	A4DG5	Solid	2-Nitrophenol		5,100.000	E 30	170	ug/Kg
P2695-17	A4DG5	Solid	4-Bromophenyl-phenylether		2,800.000	E 99	170	ug/Kg
P2695-17	A4DG5	Solid	4-Chloro-3-methylphenol		4,600.000	E 36	170	ug/Kg
P2695-17	A4DG5	Solid	4-Nitrophenol		2,500.000	11	330	ug/Kg
P2695-17	A4DG5	Solid	Acenaphthene		4,700.000	E 50	170	ug/Kg
P2695-17	A4DG5	Solid	Anthracene		1,300.000	47	170	ug/Kg
P2695-17	A4DG5	Solid	Benzo(a)anthracene		2,500.000	39	170	ug/Kg
P2695-17	A4DG5	Solid	Benzo(a)pyrene		1,100.000	57	170	ug/Kg
P2695-17	A4DG5	Solid	Benzo(b)fluoranthene		1,400.000	48	170	ug/Kg
P2695-17	A4DG5	Solid	Benzo(k)fluoranthene		2,300.000	58	170	ug/Kg
P2695-17	A4DG5	Solid	Bis(2-Chloroethoxy)methane		3,300.000	E 31	170	ug/Kg
P2695-17	A4DG5	Solid	Bis(2-Chloroethyl)ether		3,700.000	35	330	ug/Kg
P2695-17	A4DG5	Solid	Bis(2-ethylhexyl)phthalate		4,300.000	E 43	170	ug/Kg
P2695-17	A4DG5	Solid	Butylbenzylphthalate		3,300.000	E 43	170	ug/Kg
P2695-17	A4DG5	Solid	Chrysene		1,700.000	46	170	ug/Kg
P2695-17	A4DG5	Solid	Di-n-butylphthalate		4,700.000	E 57	170	ug/Kg
P2695-17	A4DG5	Solid	Di-n-octyl phthalate		4,800.000	43	330	ug/Kg
P2695-17	A4DG5	Solid	Dibenzo(a,h)anthracene		4,600.000	E 52	170	ug/Kg
P2695-17	A4DG5	Solid	Diethylphthalate		2,000.000	41	170	ug/Kg
P2695-17	A4DG5	Solid	Fluoranthene		2,900.000	E 45	170	ug/Kg
P2695-17	A4DG5	Solid	Fluorene		3,500.000	E 58	170	ug/Kg
P2695-17	A4DG5	Solid	Indeno(1,2,3-cd)pyrene		1,500.000	45	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN061424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2695-17	A4DG5	Solid	N-Nitroso-di-n-propylamine	5,500.000	E	37	170	ug/Kg
P2695-17	A4DG5	Solid	Nitrobenzene	4,000.000	E	27	170	ug/Kg
P2695-17	A4DG5	Solid	Pentachlorophenol	5,200.000		38	330	ug/Kg
P2695-17	A4DG5	Solid	Phenanthrene	3,500.000	E	53	170	ug/Kg
P2695-17	A4DG5	Solid	Phenol	2,000.000		45	330	ug/Kg
P2695-17	A4DG5	Solid	Pyrene	5,500.000	E	46	170	ug/Kg
Total Svoc :				116,000.00				
Total Concentration:				125,957.00				
Client ID : A4DG5DL								
P2695-17DL	A4DG5DL	Solid	Benzene, 1,2-dichloro-	*	2,100.000	JD		
P2695-17DL	A4DG5DL	Solid	Benzene, 1,3-dichloro-	*	6,900.000	JD		
P2695-17DL	A4DG5DL	Solid	n-Hexadecanoic acid	*	560.000	JD		
P2695-17DL	A4DG5DL	Solid	Total Alkanes	*	0.000	D 230	850	ug/Kg
Total Tics :				9,560.00				
P2695-17DL	A4DG5DL	Solid	2,4,5-Trichlorophenol		3,300.000	D 240	850	ug/Kg
P2695-17DL	A4DG5DL	Solid	2,4,6-Trichlorophenol		2,400.000	D 250	850	ug/Kg
P2695-17DL	A4DG5DL	Solid	2,4-Dichlorophenol		5,200.000	D 170	850	ug/Kg
P2695-17DL	A4DG5DL	Solid	2,4-Dinitrotoluene		6,100.000	D 65	850	ug/Kg
P2695-17DL	A4DG5DL	Solid	2,6-Dinitrotoluene		3,400.000	D 130	850	ug/Kg
P2695-17DL	A4DG5DL	Solid	2-Chlorophenol		1,600.000	D 110	850	ug/Kg
P2695-17DL	A4DG5DL	Solid	2-Nitrophenol		4,700.000	D 150	850	ug/Kg
P2695-17DL	A4DG5DL	Solid	4-Bromophenyl-phenylether		2,600.000	D 490	850	ug/Kg
P2695-17DL	A4DG5DL	Solid	4-Chloro-3-methylphenol		5,200.000	D 180	850	ug/Kg
P2695-17DL	A4DG5DL	Solid	4-Nitrophenol		2,600.000	D 55	1600	ug/Kg
P2695-17DL	A4DG5DL	Solid	Acenaphthene		5,400.000	D 250	850	ug/Kg
P2695-17DL	A4DG5DL	Solid	Anthracene		1,300.000	D 230	850	ug/Kg
P2695-17DL	A4DG5DL	Solid	Benzo(a)anthracene		2,600.000	D 190	850	ug/Kg
P2695-17DL	A4DG5DL	Solid	Benzo(a)pyrene		1,000.000	D 280	850	ug/Kg
P2695-17DL	A4DG5DL	Solid	Benzo(b)fluoranthene		1,300.000	D 240	850	ug/Kg
P2695-17DL	A4DG5DL	Solid	Benzo(k)fluoranthene		2,400.000	D 290	850	ug/Kg
P2695-17DL	A4DG5DL	Solid	Bis(2-Chloroethoxy)methane		3,400.000	D 150	850	ug/Kg
P2695-17DL	A4DG5DL	Solid	Bis(2-Chloroethyl)ether		3,700.000	D 170	1600	ug/Kg
P2695-17DL	A4DG5DL	Solid	Bis(2-ethylhexyl)phthalate		4,500.000	D 210	850	ug/Kg
P2695-17DL	A4DG5DL	Solid	Butylbenzylphthalate		3,600.000	D 210	850	ug/Kg
P2695-17DL	A4DG5DL	Solid	Chrysene		1,700.000	D 230	850	ug/Kg
P2695-17DL	A4DG5DL	Solid	Di-n-butylphthalate		5,600.000	D 280	850	ug/Kg
P2695-17DL	A4DG5DL	Solid	Di-n-octyl phthalate		5,800.000	D 210	1600	ug/Kg
P2695-17DL	A4DG5DL	Solid	Dibenzo(a,h)anthracene		4,300.000	D 260	850	ug/Kg
P2695-17DL	A4DG5DL	Solid	Diethylphthalate		2,100.000	D 200	850	ug/Kg
P2695-17DL	A4DG5DL	Solid	Fluoranthene		3,500.000	D 220	850	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN061424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2695-17DL	A4DG5DL	Solid	Fluorene	4,000.000	D	290	850	ug/Kg
P2695-17DL	A4DG5DL	Solid	Indeno(1,2,3-cd)pyrene	1,400.000	D	220	850	ug/Kg
P2695-17DL	A4DG5DL	Solid	N-Nitroso-di-n-propylamine	6,400.000	D	180	850	ug/Kg
P2695-17DL	A4DG5DL	Solid	Nitrobenzene	3,900.000	D	130	850	ug/Kg
P2695-17DL	A4DG5DL	Solid	Pentachlorophenol	5,200.000	D	190	1600	ug/Kg
P2695-17DL	A4DG5DL	Solid	Phenanthrene	3,700.000	D	260	850	ug/Kg
P2695-17DL	A4DG5DL	Solid	Phenol	2,000.000	D	220	1600	ug/Kg
P2695-17DL	A4DG5DL	Solid	Pyrene	7,600.000	D	230	850	ug/Kg
Total Svoc :				123,500.00				
Total Concentration:				133,060.00				
Client ID : A4BN3								
P2695-25	A4BN3	Solid	n-Hexadecanoic acid	*	720.000	J		
P2695-25	A4BN3	Solid	Octadecanoic acid	*	200.000	J		
P2695-25	A4BN3	Solid	Pentadecafluorooctanoic acid, octa	*	480.000	J		
P2695-25	A4BN3	Solid	unknown-01	*	230.000	J		
P2695-25	A4BN3	Solid	Total Alkanes	*	0.000	120	460	ug/Kg
Total Tics :				1,630.00				
P2695-25	A4BN3	Solid	Benzo(a)anthracene		250.000	J	110	460 ug/Kg
P2695-25	A4BN3	Solid	Benzo(b)fluoranthene		380.000	J	130	460 ug/Kg
P2695-25	A4BN3	Solid	Bis(2-ethylhexyl)phthalate		130.000	J	120	460 ug/Kg
P2695-25	A4BN3	Solid	Chrysene		310.000	J	120	460 ug/Kg
P2695-25	A4BN3	Solid	Fluoranthene		770.000		120	460 ug/Kg
P2695-25	A4BN3	Solid	Indeno(1,2,3-cd)pyrene		120.000	J	120	460 ug/Kg
P2695-25	A4BN3	Solid	Phenanthrene		310.000	J	140	460 ug/Kg
P2695-25	A4BN3	Solid	Pyrene		500.000		120	460 ug/Kg
Total Svoc :				2,770.00				
Total Concentration:				4,400.00				
Client ID : A4BJ1								
P2696-01	A4BJ1	Solid	11H-Benzo[a]fluoren-11-one	*	180.000	J		
P2696-01	A4BJ1	Solid	11H-Benzo[a]fluorene	*	160.000	J		
P2696-01	A4BJ1	Solid	11H-Benzo[b]fluorene	*	360.000	J		
P2696-01	A4BJ1	Solid	1H-Cyclopropa[1]phenanthrene,1a	*	210.000	J		
P2696-01	A4BJ1	Solid	2-Methyldibenzothiophene	*	140.000	J		
P2696-01	A4BJ1	Solid	4H-Cyclopenta[def]phenanthrene	*	970.000	J		
P2696-01	A4BJ1	Solid	9,10-Anthracenedione	*	240.000	J		
P2696-01	A4BJ1	Solid	Anthracene, 1,2,3,4-tetrahydro-	*	210.000	J		
P2696-01	A4BJ1	Solid	Anthracene, 2-methyl-	*	890.000	J		
P2696-01	A4BJ1	Solid	Benzo[ghi]fluoranthene	*	210.000	J		
P2696-01	A4BJ1	Solid	Cyclopenta(def)phenanthrenone	*	340.000	J		

Hit Summary Sheet SW-846

SDG No.: BN061424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2696-01	A4BJ1	Solid	Dibenzothiophene	*	240.000	J		
P2696-01	A4BJ1	Solid	Dibenzothiophene, 3-methyl-	*	170.000	J		
P2696-01	A4BJ1	Solid	Naphthalene, 2-phenyl-	*	370.000	J		
P2696-01	A4BJ1	Solid	Phenanthrene, 1-methyl-	*	450.000	J		
P2696-01	A4BJ1	Solid	Phenanthrene, 2-methyl-	*	670.000	J		
P2696-01	A4BJ1	Solid	Phenanthrene, 3,6-dimethyl-	*	420.000	J		
P2696-01	A4BJ1	Solid	Phenanthrene, 4,5-dimethyl-	*	180.000	J		
P2696-01	A4BJ1	Solid	Pyrene, 1-methyl-	*	170.000	J		
P2696-01	A4BJ1	Solid	Pyrene, 2-methyl-	*	210.000	J		
P2696-01	A4BJ1	Solid	Triphenylene, 2-methyl-	*	130.000	J		
P2696-01	A4BJ1	Solid	unknown-01	*	180.000	J		
P2696-01	A4BJ1	Solid	unknown-02	*	250.000	J		
P2696-01	A4BJ1	Solid	Total Alkanes	*	0.000	J	93	340 ug/Kg
Total Tics :					7,350.00			
P2696-01	A4BJ1	Solid	Acenaphthene		230.000	J	100	340 ug/Kg
P2696-01	A4BJ1	Solid	Anthracene		440.000		95	340 ug/Kg
P2696-01	A4BJ1	Solid	Benzo(a)anthracene		1,000.000		79	340 ug/Kg
P2696-01	A4BJ1	Solid	Benzo(a)pyrene		390.000		110	340 ug/Kg
P2696-01	A4BJ1	Solid	Benzo(b)fluoranthene		860.000		97	340 ug/Kg
P2696-01	A4BJ1	Solid	Benzo(k)fluoranthene		300.000	J	120	340 ug/Kg
P2696-01	A4BJ1	Solid	Chrysene		1,100.000		93	340 ug/Kg
P2696-01	A4BJ1	Solid	Dibenzo(a,h)anthracene		120.000	J	100	340 ug/Kg
P2696-01	A4BJ1	Solid	Fluoranthene		2,300.000		91	340 ug/Kg
P2696-01	A4BJ1	Solid	Fluorene		230.000	J	120	340 ug/Kg
P2696-01	A4BJ1	Solid	Indeno(1,2,3-cd)pyrene		240.000	J	91	340 ug/Kg
P2696-01	A4BJ1	Solid	Phenanthrene		3,100.000		110	340 ug/Kg
P2696-01	A4BJ1	Solid	Pyrene		2,200.000		93	340 ug/Kg
Total Svoc :					12,510.00			
Total Concentration:					19,860.00			
Client ID : A4BK4								
P2696-02	A4BK4	Solid	n-Hexadecanoic acid	*	150.000	J		
P2696-02	A4BK4	Solid	Oxalic acid, isobutyl hexadecyl es	*	110.000	J		
P2696-02	A4BK4	Solid	Total Alkanes	*	0.000	J	50	180 ug/Kg
Total Tics :					260.00			
P2696-02	A4BK4	Solid	Benzo(a)anthracene		53.000	J	42	180 ug/Kg
P2696-02	A4BK4	Solid	Benzo(b)fluoranthene		58.000	J	52	180 ug/Kg
P2696-02	A4BK4	Solid	Chrysene		58.000	J	50	180 ug/Kg
P2696-02	A4BK4	Solid	Fluoranthene		120.000	J	49	180 ug/Kg
P2696-02	A4BK4	Solid	Phenanthrene		58.000	J	58	180 ug/Kg
P2696-02	A4BK4	Solid	Pyrene		110.000	J	50	180 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN061424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Svoc :					457.00			
Total Concentration:					717.00			
Client ID : A4BK6								
P2696-03	A4BK6	Solid	n-Hexadecanoic acid	*	140.000	J		
P2696-03	A4BK6	Solid	Pentadecafluorooctanoic acid, oct:	*	120.000	J		
P2696-03	A4BK6	Solid	Total Alkanes	*	0.000	52	190	ug/Kg
Total Tics :					260.00			
Total Concentration:					260.00			
Client ID : A4BN1								
P2696-04	A4BN1	Solid	Ethanol, 2-(tetradecyloxy)-	*	340.000	J		
P2696-04	A4BN1	Solid	n-Hexadecanoic acid	*	230.000	J		
P2696-04	A4BN1	Solid	Total Alkanes	*	0.000	84	310	ug/Kg
Total Tics :					570.00			
P2696-04	A4BN1	Solid	Benzo(b)fluoranthene		98.000	J 88	310	ug/Kg
P2696-04	A4BN1	Solid	Fluoranthene		190.000	J 82	310	ug/Kg
P2696-04	A4BN1	Solid	Pyrene		150.000	J 84	310	ug/Kg
Total Svoc :					438.00			
Total Concentration:					1,008.00			
Client ID : A4BN2								
P2696-05	A4BN2	Solid	n-Hexadecanoic acid	*	330.000	J		
P2696-05	A4BN2	Solid	Pentadecafluorooctanoic acid, oct:	*	270.000	J		
P2696-05	A4BN2	Solid	Total Alkanes	*	0.000	92	340	ug/Kg
Total Tics :					600.00			
Total Concentration:					600.00			
Client ID : A4BN4								
P2696-06	A4BN4	Solid	(DEL) Alkane: Straight-Chain20.9	*	370.000	J		
P2696-06	A4BN4	Solid	n-Hexadecanoic acid	*	650.000	J		
P2696-06	A4BN4	Solid	Octadecanoic acid	*	370.000	J		
P2696-06	A4BN4	Solid	unknown-01	*	250.000	J		
P2696-06	A4BN4	Solid	Total Alkanes	*	370.000	140	520	ug/Kg
Total Tics :					2,010.00			
P2696-06	A4BN4	Solid	Benzo(a)anthracene		160.000	J 120	520	ug/Kg
P2696-06	A4BN4	Solid	Benzo(b)fluoranthene		200.000	J 150	520	ug/Kg
P2696-06	A4BN4	Solid	Bis(2-ethylhexyl)phthalate		150.000	J 130	520	ug/Kg
P2696-06	A4BN4	Solid	Chrysene		170.000	J 140	520	ug/Kg
P2696-06	A4BN4	Solid	Fluoranthene		440.000	J 140	520	ug/Kg
P2696-06	A4BN4	Solid	Phenanthrene		200.000	J 160	520	ug/Kg
P2696-06	A4BN4	Solid	Pyrene		290.000	J 140	520	ug/Kg
Total Svoc :					1,610.00			

Hit Summary Sheet SW-846

SDG No.: BN061424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				3,620.00				
Client ID :	A4BN5							
P2696-07	A4BN5	Solid	(DEL) Alkane: Straight-Chain20.9	*	140.000	J		
P2696-07	A4BN5	Solid	(DEL) Alkane: Straight-Chain23.2	*	120.000	J		
P2696-07	A4BN5	Solid	7-Isopropenyl-1,4a-dimethyl-4,4a	*	240.000	J		
P2696-07	A4BN5	Solid	n-Hexadecanoic acid	*	130.000	J		
P2696-07	A4BN5	Solid	unknown-01	*	140.000	J		
P2696-07	A4BN5	Solid	unknown-02	*	370.000	J		
P2696-07	A4BN5	Solid	Total Alkanes	*	260.000		73	270 ug/Kg
Total Tics :				1,400.00				
Total Concentration:				1,400.00				
Client ID :	A4BN8							
P2696-11	A4BN8	Solid	Total Alkanes	*	0.000		100	380 ug/Kg
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID :	A4BN9							
P2696-12	A4BN9	Solid	n-Hexadecanoic acid	*	180.000	J		
P2696-12	A4BN9	Solid	Total Alkanes	*	0.000		120	430 ug/Kg
Total Tics :				180.00				
Total Concentration:				180.00				
Client ID :	A4B90							
P2696-21	A4B90	Solid	(DEL) Alkane: Cyclic20.974	*	290.000	J		
P2696-21	A4B90	Solid	(DEL) Alkane: Straight-Chain22.0	*	140.000	J		
P2696-21	A4B90	Solid	4H-Cyclopenta[def]phenanthrene	*	220.000	J		
P2696-21	A4B90	Solid	n-Hexadecanoic acid	*	500.000	J		
P2696-21	A4B90	Solid	Undecanoic acid, pentadecyl ester	*	140.000	J		
P2696-21	A4B90	Solid	unknown-01	*	150.000	J		
P2696-21	A4B90	Solid	Total Alkanes	*	430.000		82	300 ug/Kg
Total Tics :				1,870.00				
P2696-21	A4B90	Solid	Anthracene		130.000	J	84	300 ug/Kg
P2696-21	A4B90	Solid	Benzo(a)anthracene		540.000		70	300 ug/Kg
P2696-21	A4B90	Solid	Benzo(a)pyrene		270.000	J	100	300 ug/Kg
P2696-21	A4B90	Solid	Benzo(b)fluoranthene		760.000		86	300 ug/Kg
P2696-21	A4B90	Solid	Benzo(k)fluoranthene		250.000	J	100	300 ug/Kg
P2696-21	A4B90	Solid	Bis(2-ethylhexyl)phthalate		320.000		77	300 ug/Kg
P2696-21	A4B90	Solid	Chrysene		620.000		82	300 ug/Kg
P2696-21	A4B90	Solid	Dibenzo(a,h)anthracene		100.000	J	93	300 ug/Kg
P2696-21	A4B90	Solid	Fluoranthene		1,700.000		80	300 ug/Kg
P2696-21	A4B90	Solid	Indeno(1,2,3-cd)pyrene		230.000	J	80	300 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN061424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2696-21	A4B90	Solid	Phenanthrene	800.000		95	300	ug/Kg
P2696-21	A4B90	Solid	Pyrene	1,100.000		82	300	ug/Kg
Total Svoc :				6,820.00				
Total Concentration:				8,690.00				
Client ID : A4B91								
P2696-22	A4B91	Solid	(DEL) Alkane: Straight-Chain22.(*	350.000	J			
P2696-22	A4B91	Solid	n-Hexadecanoic acid *	230.000	J			
P2696-22	A4B91	Solid	Oxalic acid, isobutyl tetradecyl e *	210.000	J			
P2696-22	A4B91	Solid	unknown-01 *	130.000	J			
P2696-22	A4B91	Solid	Total Alkanes *	350.000		74	270	ug/Kg
Total Tics :				1,270.00				
P2696-22	A4B91	Solid	Benzo(a)anthracene	130.000	J	63	270	ug/Kg
P2696-22	A4B91	Solid	Benzo(b)fluoranthene	150.000	J	77	270	ug/Kg
P2696-22	A4B91	Solid	Bis(2-ethylhexyl)phthalate	78.000	J	69	270	ug/Kg
P2696-22	A4B91	Solid	Chrysene	140.000	J	74	270	ug/Kg
P2696-22	A4B91	Solid	Fluoranthene	300.000		73	270	ug/Kg
P2696-22	A4B91	Solid	Phenanthrene	220.000	J	85	270	ug/Kg
P2696-22	A4B91	Solid	Pyrene	210.000	J	74	270	ug/Kg
Total Svoc :				1,228.00				
Total Concentration:				2,498.00				
Client ID : A4B92								
P2696-23	A4B92	Solid	n-Hexadecanoic acid *	180.000	J			
P2696-23	A4B92	Solid	Pentadecafluorooctanoic acid, oct: *	170.000	J			
P2696-23	A4B92	Solid	Total Alkanes *	0.000		61	230	ug/Kg
Total Tics :				350.00				
P2696-23	A4B92	Solid	Benzo(a)anthracene	53.000	J	52	230	ug/Kg
P2696-23	A4B92	Solid	Fluoranthene	160.000	J	60	230	ug/Kg
P2696-23	A4B92	Solid	Phenanthrene	110.000	J	70	230	ug/Kg
P2696-23	A4B92	Solid	Pyrene	130.000	J	61	230	ug/Kg
Total Svoc :				453.00				
Total Concentration:				803.00				
Client ID : A4BM5								
P2696-24	A4BM5	Solid	Butane, 2-methoxy-2-methyl- *	140.000	J			
P2696-24	A4BM5	Solid	n-Hexadecanoic acid *	340.000	J			
P2696-24	A4BM5	Solid	Octadecanoic acid *	110.000	J			
P2696-24	A4BM5	Solid	Pentadecafluorooctanoic acid, oct: *	190.000	J			
P2696-24	A4BM5	Solid	Total Alkanes *	0.000		75	280	ug/Kg
Total Tics :				780.00				
P2696-24	A4BM5	Solid	Benzo(a)anthracene	120.000	J	63	280	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN061424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units	
P2696-24	A4BM5	Solid	Benzo(b)fluoranthene	170.000	J	78	280	ug/Kg	
P2696-24	A4BM5	Solid	Bis(2-ethylhexyl)phthalate	160.000	J	70	280	ug/Kg	
P2696-24	A4BM5	Solid	Chrysene	140.000	J	75	280	ug/Kg	
P2696-24	A4BM5	Solid	Fluoranthene	360.000		73	280	ug/Kg	
P2696-24	A4BM5	Solid	Phenanthrene	140.000	J	86	280	ug/Kg	
P2696-24	A4BM5	Solid	Pyrene	240.000	J	75	280	ug/Kg	
Total Svoc :				1,330.00					
Total Concentration:				2,110.00					
Client ID : A4BM6									
P2696-25	A4BM6	Solid	n-Hexadecanoic acid	*	330.000	J			
P2696-25	A4BM6	Solid	Pentadecafluorooctanoic acid, octa	*	190.000	J			
P2696-25	A4BM6	Solid	unknown-01	*	130.000	J			
P2696-25	A4BM6	Solid	Total Alkanes	*	0.000	74	270	ug/Kg	
Total Tics :				650.00					
P2696-25	A4BM6	Solid	Benzo(a)anthracene		160.000	J	63	270	ug/Kg
P2696-25	A4BM6	Solid	Benzo(b)fluoranthene		240.000	J	77	270	ug/Kg
P2696-25	A4BM6	Solid	Bis(2-ethylhexyl)phthalate		120.000	J	69	270	ug/Kg
P2696-25	A4BM6	Solid	Chrysene		190.000	J	74	270	ug/Kg
P2696-25	A4BM6	Solid	Fluoranthene		510.000		72	270	ug/Kg
P2696-25	A4BM6	Solid	Phenanthrene		230.000	J	85	270	ug/Kg
P2696-25	A4BM6	Solid	Pyrene		320.000		74	270	ug/Kg
Total Svoc :				1,770.00					
Total Concentration:				2,420.00					
Client ID : A4BP0									
P2696-26	A4BP0	Solid	(DEL) Alkane: Straight-Chain23.2	*	390.000	J			
P2696-26	A4BP0	Solid	n-Hexadecanoic acid	*	480.000	J			
P2696-26	A4BP0	Solid	Pentadecafluorooctanoic acid, octa	*	460.000	J			
P2696-26	A4BP0	Solid	Undecanoic acid, tridecyl ester	*	350.000	J			
P2696-26	A4BP0	Solid	unknown-01	*	220.000	J			
P2696-26	A4BP0	Solid	Total Alkanes	*	390.000	120	460	ug/Kg	
Total Tics :				2,290.00					
P2696-26	A4BP0	Solid	Benzo(a)anthracene		140.000	J	110	460	ug/Kg
P2696-26	A4BP0	Solid	Benzo(b)fluoranthene		260.000	J	130	460	ug/Kg
P2696-26	A4BP0	Solid	Chrysene		190.000	J	120	460	ug/Kg
P2696-26	A4BP0	Solid	Fluoranthene		440.000	J	120	460	ug/Kg
P2696-26	A4BP0	Solid	Phenanthrene		140.000	J	140	460	ug/Kg
P2696-26	A4BP0	Solid	Pyrene		290.000	J	120	460	ug/Kg
Total Svoc :				1,460.00					
Total Concentration:				3,750.00					



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

Hit Summary Sheet
SW-846

SDG No.: BN061424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
-----------	-----------	--------	-----------	---------------	---	-----	-----	-------



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.: BN061424 SAS No.: BN061424 SDG NO.: BN061424

EPA Sample No.: SSTD020205 Date Analyzed: Jun 14 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 11:02

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	SBLK357	299060	7.66	1.33452e	10.43	947665	14.30
02	A4DG5	284100	7.66	1.18401e *	10.44	694148 *	14.30
03	A4DG5DL	309070	7.65	1.40617e	10.43	940122	14.30
04	A4BK3	306593	7.65	1.40222e	10.43	932699	14.30
05	A4BK5	290677	7.65	1.219e+0 *	10.43	745927 *	14.30
06	A4BK9	323855	7.65	1.48957e	10.43	1.00448e	14.30
07	A4BL1	318821	7.65	1.45995e	10.43	1.00376e	14.30
08	SBLK357	278926	7.65	1.26037e	10.43	900996	14.30
09	A4BL3	280661	7.65	1.3079e+	10.43	882103	14.30
10	A4BN3	300263	7.65	1.38149e	10.43	931742	14.30
11	A4BN3MS	297671	7.65	1.26882e	10.43	738775 *	14.30
12	A4BN3MSD	322051	7.65	1.4932e+	10.43	967135	14.30
13	A4BK6	326310	7.65	1.51882e	10.43	1.06019e	14.30
14	A4BN4	294138	7.65	1.35354e	10.43	913714	14.30
15	A4BN5	295851	7.65	1.34677e	10.43	924688	14.30
16	A4BM5	284296	7.65	1.30744e	10.43	884001	14.30
17	A4BM6	294477	7.65	1.36239e	10.43	915120	14.30
18	A4BN9	288650	7.65	1.34089e	10.43	927659	14.30
19	A4BN2	293211	7.65	1.35873e	10.43	927511	14.30
20	A4B91	297643	7.65	1.30581e	10.43	775049 *	14.30
21	A4B92	305530	7.65	1.37667e	10.43	910529	14.30
22	SBLK388	284035	7.65	1.23504e	10.43	753841 *	14.30
23	A4BN8	346137	7.65	1.5985e+	10.43	1.09398e	14.30

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN061424 SAS No.: BN061424 SDG NO.: BN061424

EPA Sample No.: SSTD020205 Date Analyzed: Jun 15 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 04:21

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+00	10.47	1.62391e+00	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 A4BJ1	286409	7.65	1.19647e *	10.43	698901 *	14.30
25 A4BK4	302898	7.65	1.38037e	10.43	922968	14.30
26 A4B90	331517	7.65	1.51509e	10.43	973097	14.30
27 A4BP0	333914	7.65	1.52556e	10.43	997494	14.30
28 A4BN1	307017	7.65	1.38079e	10.43	905082	14.30
29 SLCS388	311887	7.65	1.43916e	10.43	926460	14.30

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.: BN061424 SAS No.: BN061424 SDG NO.: BN061424

EPA Sample No.: SSTD020290 Date Analyzed: Jun 14 2024 12:00AM

Lab File ID: BN031994.D Time Analyzed: 11:02

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	318922	7.652	1.45162e+01	10.43	988750	14.30
UPPER LIMIT	637844	8.152	2903240	10.934	1977500	14.798
LOWER LIMIT	159461	7.152	725810	9.934	494375	13.798
EPA SAMPLE NO.						
01 SBLK357	299060	7.66	1.33452e	10.43	947665	14.30
02 A4DG5	284100	7.66	1.18401e	10.44	694148	14.30
03 A4DG5DL	309070	7.65	1.40617e	10.43	940122	14.30
04 A4BK3	306593	7.65	1.40222e	10.43	932699	14.30
05 A4BK5	290677	7.65	1.219e+0	10.43	745927	14.30
06 A4BK9	323855	7.65	1.48957e	10.43	1.00448e	14.30
07 A4BL1	318821	7.65	1.45995e	10.43	1.00376e	14.30

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.: BN061424 SAS No.: BN061424 SDG NO.: BN061424

EPA Sample No.: SSTD020291 Date Analyzed: Jun 14 2024 12:00AM

Lab File ID: BN032002.D Time Analyzed: 16:30

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	307458	7.652	1.30156e+01	10.43	802182	14.30
UPPER LIMIT	614916	8.152	2603120	10.934	1604364	14.798
LOWER LIMIT	153729	7.152	650780	9.934	401091	13.798
EPA SAMPLE NO.						
01 SBLK357	278926	7.65	1.26037e	10.43	900996	14.30
02 A4BL3	280661	7.65	1.3079e+	10.43	882103	14.30
03 A4BN3	300263	7.65	1.38149e	10.43	931742	14.30
04 A4BN3MS	297671	7.65	1.26882e	10.43	738775	14.30
05 A4BN3MSD	322051	7.65	1.4932e+	10.43	967135	14.30
06 A4BK6	326310	7.65	1.51882e	10.43	1.06019e	14.30
07 A4BN4	294138	7.65	1.35354e	10.43	913714	14.30
08 A4BN5	295851	7.65	1.34677e	10.43	924688	14.30
09 A4BM5	284296	7.65	1.30744e	10.43	884001	14.30
10 A4BM6	294477	7.65	1.36239e	10.43	915120	14.30
11 A4BN9	288650	7.65	1.34089e	10.43	927659	14.30
12 A4BN2	293211	7.65	1.35873e	10.43	927511	14.30
13 A4B91	297643	7.65	1.30581e	10.43	775049	14.30
14 A4B92	305530	7.65	1.37667e	10.43	910529	14.30

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.



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN061424 SAS No.: BN061424 SDG NO.: BN061424

EPA Sample No.: SSTD020292 Date Analyzed: Jun 15 2024 12:00AM

Lab File ID: BN032017.D Time Analyzed: 03:01

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	366909	7.652	1.58645e+01	10.43	926076	14.30
UPPER LIMIT	733818	8.152	3172900	10.934	1852152	14.798
LOWER LIMIT	183454.5	7.152	793225	9.934	463038	13.798
EPA SAMPLE NO.						
01 SBLK388	284035	7.65	1.23504e	10.43	753841	14.30
02 A4BN8	346137	7.65	1.5985e+	10.43	1.09398e	14.30
03 A4BJ1	286409	7.65	1.19647e	10.43	698901	14.30
04 A4BK4	302898	7.65	1.38037e	10.43	922968	14.30
05 A4B90	331517	7.65	1.51509e	10.43	973097	14.30
06 A4BP0	333914	7.65	1.52556e	10.43	997494	14.30
07 A4BN1	307017	7.65	1.38079e	10.43	905082	14.30
08 SLCS388	311887	7.65	1.43916e	10.43	926460	14.30

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.: BN061424 SAS No.: BN061424 SDG NO.: BN061424

EPA Sample No.: SSTD020205 Date Analyzed: Jun 14 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 11:02

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	SBLK357	2.04385	17.05	1.89178e+	21.29	1.77391e+ *	24.22
02	A4DG5	1.29881*	17.05	1.06744e+ *	21.29	1.31488e+ *	24.22
03	A4DG5DL	1.96235	17.05	1.37891e+ *	21.29	1.29397e+ *	24.22
04	A4BK3	1.81484	17.05	1.19248e+ *	21.29	1.29135e+ *	24.23
05	A4BK5	1.43048*	17.05	1.24383e+ *	21.29	1.49714e+ *	24.22
06	A4BK9	2.05181	17.05	1.37836e+ *	21.29	1.32438e+ *	24.22
07	A4BL1	2.0762e	17.05	1.43885e+ *	21.29	1.30859e+ *	24.21
08	SBLK357	1.93623	17.05	1.57108e+ *	21.29	1.35618e+ *	24.22
09	A4BL3	1.8299e	17.05	1.23422e+ *	21.29	1.11301e+ *	24.22
10	A4BN3	1.91319	17.05	1.28514e+ *	21.29	1.20853e+ *	24.22
11	A4BN3MS	1.43816*	17.05	1.23354e+ *	21.29	1.52418e+ *	24.22
12	A4BN3MSD	1.91388	17.05	1.16019e+ *	21.29	1.22884e+ *	24.22
13	A4BK6	2.18641	17.05	1.57192e+ *	21.29	1.40805e+ *	24.21
14	A4BN4	1.84528	17.05	1.26776e+ *	21.29	1.1882e+0 *	24.21
15	A4BN5	1.92154	17.05	1.36942e+ *	21.28	1.224e+00 *	24.21
16	A4BM5	1.82595	17.05	1.25086e+ *	21.29	1.13061e+ *	24.22
17	A4BM6	1.86184	17.05	1.24357e+ *	21.29	1.15685e+ *	24.21
18	A4BN9	1.85225	17.05	1.26118e+ *	21.28	1.17498e+ *	24.20
19	A4BN2	1.891e+	17.05	1.2513e+0 *	21.28	1.20858e+ *	24.20
20	A4B91	1.39637*	17.05	1.20252e+ *	21.29	1.43244e+ *	24.21
21	A4B92	1.80968	17.05	1.10945e+ *	21.29	1.19508e+ *	24.21

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN061424 SAS No.: BN061424 SDG NO.: BN061424

EPA Sample No.: SSTD020205 Date Analyzed: Jun 15 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 03:01

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+01	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 SBLK388	1.37137*	17.05	1.17129e+ *	21.28	1.37206e+ *	24.20
23 A4BN8	2.22668	17.05	1.51615e+ *	21.28	1.40493e+ *	24.21
24 A4BJ1	1.29157*	17.05	1.14229e+ *	21.29	1.40482e+ *	24.22
25 A4BK4	1.84534	17.05	1.14796e+ *	21.28	1.14244e+ *	24.20
26 A4B90	1.8816e	17.05	1.08069e+ *	21.29	1.17396e+ *	24.22
27 A4BP0	1.98686	17.05	1.24442e+ *	21.28	1.25389e+ *	24.20
28 A4BN1	1.73661	17.05	1.0308e+0 *	21.28	1.13916e+ *	24.21
29 SLCS388	1.79013	17.05	1.08211e+ *	21.29	1.14628e+ *	24.21

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.: BN061424 SAS No.: BN061424 SDG NO.: BN061424

EPA Sample No.: SSTD020290 Date Analyzed: Jun 14 2024 12:00AM

Lab File ID: BN031994.D Time Analyzed: 11:02

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	2.09124e+01	17.051	1.74796e+	21.292	1.5731e+00	24.221
UPPER LIMIT	4182480	17.551	3495920	21.792	3146200	24.721
LOWER LIMIT	1045620	16.551	873980	20.792	786550	23.721
EPA SAMPLE NO.						
01 SBLK357	2.04385	17.05	1.89178e+	21.29	1.77391e+	24.22
02 A4DG5	1.29881	17.05	1.06744e+	21.29	1.31488e+	24.22
03 A4DG5DL	1.96235	17.05	1.37891e+	21.29	1.29397e+	24.22
04 A4BK3	1.81484	17.05	1.19248e+	21.29	1.29135e+	24.23
05 A4BK5	1.43048	17.05	1.24383e+	21.29	1.49714e+	24.22
06 A4BK9	2.05181	17.05	1.37836e+	21.29	1.32438e+	24.22
07 A4BL1	2.0762e	17.05	1.43885e+	21.29	1.30859e+	24.21

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.: BN061424 SAS No.: BN061424 SDG NO.: BN061424

EPA Sample No.: SSTD020291 Date Analyzed: Jun 14 2024 12:00AM

Lab File ID: BN032002.D Time Analyzed: 16:30

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	1.50217e+01	17.051	1.27787e+	21.286	1.54129e+01	24.215
UPPER LIMIT	3004340	17.551	2555740	21.786	3082580	24.715
LOWER LIMIT	751085	16.551	638935	20.786	770645	23.715
EPA SAMPLE NO.						
01 SBLK357	1.93623	17.05	1.57108e+	21.29	1.35618e+	24.22
02 A4BL3	1.8299e	17.05	1.23422e+	21.29	1.11301e+	24.22
03 A4BN3	1.91319	17.05	1.28514e+	21.29	1.20853e+	24.22
04 A4BN3MS	1.43816	17.05	1.23354e+	21.29	1.52418e+	24.22
05 A4BN3MSD	1.91388	17.05	1.16019e+	21.29	1.22884e+	24.22
06 A4BK6	2.18641	17.05	1.57192e+	21.29	1.40805e+	24.21
07 A4BN4	1.84528	17.05	1.26776e+	21.29	1.1882e+0	24.21
08 A4BN5	1.92154	17.05	1.36942e+	21.28	1.224e+00	24.21
09 A4BM5	1.82595	17.05	1.25086e+	21.29	1.13061e+	24.22
10 A4BM6	1.86184	17.05	1.24357e+	21.29	1.15685e+	24.21
11 A4BN9	1.85225	17.05	1.26118e+	21.28	1.17498e+	24.20
12 A4BN2	1.891e+	17.05	1.2513e+0	21.28	1.20858e+	24.20
13 A4B91	1.39637	17.05	1.20252e+	21.29	1.43244e+	24.21
14 A4B92	1.80968	17.05	1.10945e+	21.29	1.19508e+	24.21

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.: BN061424 SAS No.: BN061424 SDG NO.: BN061424

EPA Sample No.: SSTD020292 Date Analyzed: Jun 15 2024 12:00AM

Lab File ID: BN032017.D Time Analyzed: 03:01

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	1.72914e+01	17.051	1.38071e+	21.286	1.66653e+01	24.221
UPPER LIMIT	3458280	17.551	2761420	21.786	3333060	24.721
LOWER LIMIT	864570	16.551	690355	20.786	833265	23.721
EPA SAMPLE NO.						
01 SBLK388	1.37137	17.05	1.17129e+	21.28	1.37206e+	24.20
02 A4BN8	2.22668	17.05	1.51615e+	21.28	1.40493e+	24.21
03 A4BJ1	1.29157	17.05	1.14229e+	21.29	1.40482e+	24.22
04 A4BK4	1.84534	17.05	1.14796e+	21.28	1.14244e+	24.20
05 A4B90	1.8816e	17.05	1.08069e+	21.29	1.17396e+	24.22
06 A4BP0	1.98686	17.05	1.24442e+	21.28	1.25389e+	24.20
07 A4BN1	1.73661	17.05	1.0308e+0	21.28	1.13916e+	24.21
08 SLCS388	1.79013	17.05	1.08211e+	21.29	1.14628e+	24.21

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.: BN061424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161388BS	1,4-Dioxane	530	420	ug/Kg	79				0	0		
	Benzaldehyde	1300	1500	ug/Kg	115				0	0		
	Pyridine	1300	1100	ug/Kg	85				0	0		
	Phenol	1300	1200	ug/Kg	92				0	0		
	Bis(2-chloroethyl)ether	1300	1200	ug/Kg	92				0	0		
	2-Chlorophenol	1300	1200	ug/Kg	92				0	0		
	2-Methylphenol	1300	1200	ug/Kg	92				0	0		
	2,2-oxybis(1-Chloropropane)	1300	1200	ug/Kg	92				0	0		
	Acetophenone	1300	1200	ug/Kg	92				0	0		
	4-Methylphenol	1300	1300	ug/Kg	100				0	0		
	N-Nitroso-di-n-propylamine	1300	1200	ug/Kg	92				0	0		
	Hexachloroethane	1300	1200	ug/Kg	92				0	0		
	Nitrobenzene	1300	1100	ug/Kg	85				0	0		
	Isophorone	1300	1100	ug/Kg	85				0	0		
	2-Nitrophenol	1300	1300	ug/Kg	100				0	0		
	2,4-Dimethylphenol	1300	1100	ug/Kg	85				0	0		
	Bis(2-chloroethoxy)methane	1300	1100	ug/Kg	85				0	0		
	2,4-Dichlorophenol	1300	1200	ug/Kg	92				0	0		
	Naphthalene	1300	1200	ug/Kg	92				0	0		
	4-Chloroaniline	1300	1100	ug/Kg	85				0	0		
	Hexachlorobutadiene	1300	1200	ug/Kg	92				0	0		
	Caprolactam	1300	1200	ug/Kg	92				0	0		
	4-Chloro-3-methylphenol	1300	1300	ug/Kg	100				0	0		
	1-Methylnaphthalene	1300	1200	ug/Kg	92				0	0		
	2-Methylnaphthalene	1300	1200	ug/Kg	92				0	0		
	Hexachlorocyclopentadiene	1300	740	ug/Kg	57				0	0		
	2,4,6-Trichlorophenol	1300	1300	ug/Kg	100				0	0		
	2,4,5-Trichlorophenol	1300	1300	ug/Kg	100				0	0		
	1,1'-Biphenyl	1300	1200	ug/Kg	92				0	0		
	2-Chloronaphthalene	1300	1200	ug/Kg	92				0	0		
	2-Nitroaniline	1300	1300	ug/Kg	100				0	0		
	Dimethylphthalate	1300	1200	ug/Kg	92				0	0		
	2,6-Dinitrotoluene	1300	1300	ug/Kg	100				0	0		
	Acenaphthylene	1300	1200	ug/Kg	92				0	0		
	3-Nitroaniline	1300	1300	ug/Kg	100				0	0		
	Acenaphthene	1300	1200	ug/Kg	92				0	0		
	2,4-Dinitrophenol	1300	1200	ug/Kg	92				0	0		
	4-Nitrophenol	1300	1200	ug/Kg	92				0	0		
	Dibenzofuran	1300	1200	ug/Kg	92				0	0		
	2,4-Dinitrotoluene	1300	1300	ug/Kg	100				0	0		
	Diethylphthalate	1300	1200	ug/Kg	92				0	0		
	Fluorene	1300	1200	ug/Kg	92				0	0		
	4-Chlorophenyl-phenylether	1300	1200	ug/Kg	92				0	0		
	4-Nitroaniline	1300	1400	ug/Kg	108				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN061424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161388BS	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	1300	ug/Kg	100				0	0	
	Atrazine	1300	1100	ug/Kg	85				0	0	
	Pentachlorophenol	1300	1100	ug/Kg	85				0	0	
	Phenanthrene	1300	1200	ug/Kg	92				0	0	
	Pentachlorobenzene	1300	1300	ug/Kg	100				0	0	
	Anthracene	1300	1200	ug/Kg	92				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	1300	ug/Kg	100				0	0	
	Carbazole	1300	1300	ug/Kg	100				0	0	
	Di-n-butylphthalate	1300	1200	ug/Kg	92				0	0	
	Fluoranthene	1300	1600	ug/Kg	123				0	0	
	Pyrene	1300	1600	ug/Kg	123				0	0	
	Butylbenzylphthalate	1300	1500	ug/Kg	115				0	0	
	3,3'-Dichlorobenzidine	1300	1300	ug/Kg	100				0	0	
	Benzo(a)anthracene	1300	1200	ug/Kg	92				0	0	
	Chrysene	1300	1200	ug/Kg	92				0	0	
	Bis(2-ethylhexyl)phthalate	1300	1400	ug/Kg	108				0	0	
	Di-n-octylphthalate	1300	1300	ug/Kg	100				0	0	
	Benzo(b)fluoranthene	1300	1200	ug/Kg	92				0	0	
	Benzo(k)fluoranthene	1300	1200	ug/Kg	92				0	0	
	Benzo(a)pyrene	1300	1100	ug/Kg	85				0	0	
	Indeno(1,2,3-cd)pyrene	1300	1300	ug/Kg	100				0	0	
	Dibenzo(a,h)anthracene	1300	1400	ug/Kg	108				0	0	
	Benzo(g,h,i)perylene	1300	1400	ug/Kg	108				0	0	
	2,3,4,6-Tetrachlorophenol	1300	1200	ug/Kg	92				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK357

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN061424

SAS No.: BN061424 SDG NO.: BN061424

Lab File ID: BN032003.D

Lab Sample ID: PB161357BL

Instrument ID: BNA_N

Date Extracted: 06/06/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/14/2024

Level: (low/med) LOW

Time Analyzed: 16:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4DG5	P2695-17	BN031996.D	06/14/2024
A4BK3	P2695-10	BN031998.D	06/14/2024
A4BK5	P2695-11	BN031999.D	06/14/2024
A4BK9	P2695-12	BN032000.D	06/14/2024
A4BL1	P2695-13	BN032001.D	06/14/2024
A4BL3	P2695-14	BN032004.D	06/14/2024
A4BN3	P2695-25	BN032005.D	06/14/2024
A4BN3MS	P2695-26MS	BN032006.D	06/14/2024
A4BN3MSD	P2695-27MSD	BN032007.D	06/14/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK388

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN061424

SAS No.: BN061424 SDG NO.: BN061424

Lab File ID: BN032018.D

Lab Sample ID: PB161388BL

Instrument ID: BNA_N

Date Extracted: 06/07/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/15/2024

Level: (low/med) LOW

Time Analyzed: 03:01

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4BN8	P2696-11	BN032019.D	06/15/2024
A4BJ1	P2696-01	BN032020.D	06/15/2024
A4BK4	P2696-02	BN032021.D	06/15/2024
A4B90	P2696-21	BN032022.D	06/15/2024
A4BP0	P2696-26	BN032023.D	06/15/2024
A4BN1	P2696-04	BN032024.D	06/15/2024
PB161388BS	PB161388BS	BN032025.D	06/15/2024
A4BK6	P2696-03	BN032008.D	06/14/2024
A4BN4	P2696-06	BN032009.D	06/14/2024
A4BN5	P2696-07	BN032010.D	06/14/2024
A4BM5	P2696-24	BN032011.D	06/14/2024
A4BM6	P2696-25	BN032012.D	06/14/2024
A4BN9	P2696-12	BN032013.D	06/14/2024
A4BN2	P2696-05	BN032014.D	06/14/2024
A4B91	P2696-22	BN032015.D	06/15/2024
A4B92	P2696-23	BN032016.D	06/15/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN061424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2695-26MS	Client Sample ID:	A4BN3MS					DataFile:	BN032006.D		
1,4-Dioxane	1400		1200	ug/Kg	86				15	120	
Benzaldehyde	3600		3800	ug/Kg	106				0	0	
Pyridine	3600		1600	ug/Kg	44				0	0	
Phenol	3600		3200	ug/Kg	89				26	90	
Bis(2-chloroethyl)ether	3600		3100	ug/Kg	86				0	0	
2-Chlorophenol	3600		3300	ug/Kg	92				25	102	
2-Methylphenol	3600		3000	ug/Kg	83				0	0	
2,2-oxybis(1-Chloropropane)	3600		3000	ug/Kg	83				0	0	
Acetophenone	3600	0	3200	ug/Kg	89				0	0	
4-Methylphenol	3600		3100	ug/Kg	86				0	0	
N-Nitroso-di-n-propylamine	3600		2900	ug/Kg	81				41	126	
Hexachloroethane	3600		2500	ug/Kg	69				0	0	
Nitrobenzene	3600		3200	ug/Kg	89				0	0	
Isophorone	3600		2900	ug/Kg	81				0	0	
2-Nitrophenol	3600		3500	ug/Kg	97				0	0	
2,4-Dimethylphenol	3600		1800	ug/Kg	50				0	0	
Bis(2-chloroethoxy)methane	3600		3000	ug/Kg	83				0	0	
2,4-Dichlorophenol	3600		3400	ug/Kg	94				0	0	
Naphthalene	3600		3100	ug/Kg	86				0	0	
4-Chloroaniline	3600		2500	ug/Kg	69				0	0	
Hexachlorobutadiene	3600		3300	ug/Kg	92				0	0	
Caprolactam	3600		3000	ug/Kg	83				0	0	
4-Chloro-3-methylphenol	3600		3100	ug/Kg	86				26	103	
1-Methylnaphthalene	3600		3100	ug/Kg	86				0	0	
2-Methylnaphthalene	3600		3200	ug/Kg	89				0	0	
Hexachlorocyclopentadiene	3600		1900	ug/Kg	53				0	0	
2,4,6-Trichlorophenol	3600		3700	ug/Kg	103				0	0	
2,4,5-Trichlorophenol	3600		3600	ug/Kg	100				0	0	
1,1'-Biphenyl	3600		3500	ug/Kg	97				0	0	
2-Chloronaphthalene	3600		3400	ug/Kg	94				0	0	
2-Nitroaniline	3600		3600	ug/Kg	100				0	0	
Dimethylphthalate	3600		3300	ug/Kg	92				0	0	
2,6-Dinitrotoluene	3600		3600	ug/Kg	100				0	0	
Acenaphthylene	3600		3300	ug/Kg	92				0	0	
3-Nitroaniline	3600		3500	ug/Kg	97				0	0	
Acenaphthene	3600		3300	ug/Kg	92				31	137	
2,4-Dinitrophenol	3600		3600	ug/Kg	100				0	0	
4-Nitrophenol	3600		3400	ug/Kg	94				11	114	
Dibenzofuran	3600		3300	ug/Kg	92				0	0	
2,4-Dinitrotoluene	3600		3500	ug/Kg	97	*			28	89	
Diethylphthalate	3600		3300	ug/Kg	92				0	0	
Fluorene	3600		3300	ug/Kg	92				0	0	
4-Chlorophenyl-phenylether	3600		3300	ug/Kg	92				0	0	
4-Nitroaniline	3600		3900	ug/Kg	108				0	0	
4,6-Dinitro-2-methylphenol	3600		3900	ug/Kg	108				0	0	
N-Nitrosodiphenylamine	3600		3600	ug/Kg	100				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN061424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	3600		3600	ug/Kg	100				0	0	
4-Bromophenyl-phenylether	3600		3600	ug/Kg	100				0	0	
Hexachlorobenzene	3600		2900	ug/Kg	81				0	0	
Atrazine	3600		3200	ug/Kg	89				0	0	
Pentachlorophenol	3600		3300	ug/Kg	92				17	109	
Phenanthrene	3600	310	3700	ug/Kg	94				0	0	
Pentachlorobenzene	3600		3500	ug/Kg	97				0	0	
Anthracene	3600		3300	ug/Kg	92				0	0	
1,2,3,4-Tetrachlorobenzene	3600		3600	ug/Kg	100				0	0	
Carbazole	3600		3400	ug/Kg	94				0	0	
Di-n-butylphthalate	3600		3600	ug/Kg	100				0	0	
Fluoranthene	3600	770	4200	ug/Kg	95				0	0	
Pyrene	3600	500	3300	ug/Kg	78				35	142	
Butylbenzylphthalate	3600		3700	ug/Kg	103				0	0	
3,3'-Dichlorobenzidine	3600		3300	ug/Kg	92				0	0	
Benzo(a)anthracene	3600	250	3700	ug/Kg	96				0	0	
Chrysene	3600	310	3900	ug/Kg	100				0	0	
Bis(2-ethylhexyl)phthalate	3600	130	3700	ug/Kg	99				0	0	
Di-n-octylphthalate	3600		3500	ug/Kg	97				0	0	
Benzo(b)fluoranthene	3600	380	3700	ug/Kg	92				0	0	
Benzo(k)fluoranthene	3600	0	3500	ug/Kg	97				0	0	
Benzo(a)pyrene	3600	0	1700	ug/Kg	47				0	0	
Indeno(1,2,3-cd)pyrene	3600	120	2800	ug/Kg	74				0	0	
Dibenzo(a,h)anthracene	3600		3900	ug/Kg	108				0	0	
Benzo(g,h,i)perylene	3600		330	ug/Kg	9				0	0	
2,3,4,6-Tetrachlorophenol	3600		3500	ug/Kg	97				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN061424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2695-27MSD	Client Sample ID:	A4BN3MSD					DataFile:	BN032007.D		
1,4-Dioxane	1400		1100	ug/Kg	79	8			15	120	50
Benzaldehyde	3600		4000	ug/Kg	111	5	*		0	0	0
Pyridine	3600		1600	ug/Kg	44	0			0	0	0
Phenol	3600		3400	ug/Kg	94	*	5		26	90	35
Bis(2-chloroethyl)ether	3600		3200	ug/Kg	89	3	*		0	0	0
2-Chlorophenol	3600		3400	ug/Kg	94	2			25	102	50
2-Methylphenol	3600		3200	ug/Kg	89	7	*		0	0	0
2,2-oxybis(1-Chloropropane)	3600		3200	ug/Kg	89	7	*		0	0	0
Acetophenone	3600	0	3500	ug/Kg	97	9	*		0	0	0
4-Methylphenol	3600		3400	ug/Kg	94	9	*		0	0	0
N-Nitroso-di-n-propylamine	3600		3200	ug/Kg	89	9			41	126	38
Hexachloroethane	3600		2500	ug/Kg	69	0			0	0	0
Nitrobenzene	3600		3200	ug/Kg	89	0			0	0	0
Isophorone	3600		3100	ug/Kg	86	6	*		0	0	0
2-Nitrophenol	3600		3600	ug/Kg	100	3	*		0	0	0
2,4-Dimethylphenol	3600		1800	ug/Kg	50	0			0	0	0
Bis(2-chloroethoxy)methane	3600		3000	ug/Kg	83	0			0	0	0
2,4-Dichlorophenol	3600		3500	ug/Kg	97	3	*		0	0	0
Naphthalene	3600		3200	ug/Kg	89	3	*		0	0	0
4-Chloroaniline	3600		2600	ug/Kg	72	4	*		0	0	0
Hexachlorobutadiene	3600		3400	ug/Kg	94	2	*		0	0	0
Caprolactam	3600		3500	ug/Kg	97	16	*		0	0	0
4-Chloro-3-methylphenol	3600		3500	ug/Kg	97	12			26	103	33
1-Methylnaphthalene	3600		3300	ug/Kg	92	7	*		0	0	0
2-Methylnaphthalene	3600		3300	ug/Kg	92	3	*		0	0	0
Hexachlorocyclopentadiene	3600		1800	ug/Kg	50	6	*		0	0	0
2,4,6-Trichlorophenol	3600		3600	ug/Kg	100	3	*		0	0	0
2,4,5-Trichlorophenol	3600		3700	ug/Kg	103	3	*		0	0	0
1,1'-Biphenyl	3600		3300	ug/Kg	92	5	*		0	0	0
2-Chloronaphthalene	3600		3300	ug/Kg	92	2	*		0	0	0
2-Nitroaniline	3600		3600	ug/Kg	100	0			0	0	0
Dimethylphthalate	3600		3400	ug/Kg	94	2	*		0	0	0
2,6-Dinitrotoluene	3600		3800	ug/Kg	106	6	*		0	0	0
Acenaphthylene	3600		3300	ug/Kg	92	0			0	0	0
3-Nitroaniline	3600		3500	ug/Kg	97	0			0	0	0
Acenaphthene	3600		3300	ug/Kg	92	0			31	137	19
2,4-Dinitrophenol	3600		3900	ug/Kg	108	8	*		0	0	0
4-Nitrophenol	3600		3600	ug/Kg	100	6			11	114	50
Dibenzofuran	3600		3300	ug/Kg	92	0			0	0	0
2,4-Dinitrotoluene	3600		3700	ug/Kg	103	*	6		28	89	47
Diethylphthalate	3600		3400	ug/Kg	94	2	*		0	0	0
Fluorene	3600		3300	ug/Kg	92	0			0	0	0
4-Chlorophenyl-phenylether	3600		3300	ug/Kg	92	0			0	0	0
4-Nitroaniline	3600		4000	ug/Kg	111	3	*		0	0	0
4,6-Dinitro-2-methylphenol	3600		4000	ug/Kg	111	3	*		0	0	0
N-Nitrosodiphenylamine	3600		3600	ug/Kg	100	0			0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN061424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	3600		3500	ug/Kg	97	3	*		0	0	0
4-Bromophenyl-phenylether	3600		3800	ug/Kg	106	6	*		0	0	0
Hexachlorobenzene	3600		2900	ug/Kg	81	0			0	0	0
Atrazine	3600		3300	ug/Kg	92	3	*		0	0	0
Pentachlorophenol	3600		3300	ug/Kg	92	0			17	109	47
Phenanthrene	3600	310	3700	ug/Kg	94	0			0	0	0
Pentachlorobenzene	3600		3400	ug/Kg	94	3	*		0	0	0
Anthracene	3600		3400	ug/Kg	94	2	*		0	0	0
1,2,3,4-Tetrachlorobenzene	3600		3400	ug/Kg	94	6	*		0	0	0
Carbazole	3600		3400	ug/Kg	94	0			0	0	0
Di-n-butylphthalate	3600		3500	ug/Kg	97	3	*		0	0	0
Fluoranthene	3600	770	5400	ug/Kg	129	30	*		0	0	0
Pyrene	3600	500	4100	ug/Kg	100	25			35	142	36
Butylbenzylphthalate	3600		4300	ug/Kg	119	14	*		0	0	0
3,3'-Dichlorobenzidine	3600		2900	ug/Kg	81	13	*		0	0	0
Benzo(a)anthracene	3600	250	3800	ug/Kg	99	3	*		0	0	0
Chrysene	3600	310	3800	ug/Kg	97	3	*		0	0	0
Bis(2-ethylhexyl)phthalate	3600	130	3900	ug/Kg	105	6	*		0	0	0
Di-n-octylphthalate	3600		3900	ug/Kg	108	11	*		0	0	0
Benzo(b)fluoranthene	3600	380	3700	ug/Kg	92	0			0	0	0
Benzo(k)fluoranthene	3600	0	3500	ug/Kg	97	0			0	0	0
Benzo(a)pyrene	3600	0	1700	ug/Kg	47	0			0	0	0
Indeno(1,2,3-cd)pyrene	3600	120	2900	ug/Kg	77	4	*		0	0	0
Dibenzo(a,h)anthracene	3600		3900	ug/Kg	108	0			0	0	0
Benzo(g,h,i)perylene	3600		340	ug/Kg	9	0			0	0	0
2,3,4,6-Tetrachlorophenol	3600		3600	ug/Kg	100	3	*		0	0	0

Surrogate Summary

SW-846

SDG No.: BN061424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2695-10	A4BK3	BN031998.D	1,4-Dioxane-d8	8	4.21	53		15	120
			Pyridine-d5	40	2.74	7	*	20	120
			Phenol-d5	40	26.41	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.81	67		10	150
			2-Chlorophenol-d4	40	28.97	72		15	120
			4-Methylphenol-d8	40	26.73	67		10	140
			Nitrobenzene-d5	40	28.37	71		10	135
			2-Nitrophenol-d4	40	30.09	75		10	120
			2,4-Dichlorophenol-d3	40	28.13	70		10	140
			4-Chloroaniline-d4	40	17.45	44		1	145
			Dimethylphthalate-d6	40	29.91	75		10	145
			Acenaphthylene-d8	40	29.37	73		15	120
			4-Nitrophenol-d4	40	25.23	63		10	150
			Fluorene-d10	40	30.06	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.73	72		10	130
			Anthracene-d10	40	30.29	76		10	150
			Pyrene-d10	40	33.19	83		10	130
			Benzo(a)pyrene-d12	40	21.02	53		10	140
P2695-11	A4BK5	BN031999.D	1,4-Dioxane-d8	8	3.96	50		15	120
			Pyridine-d5	40	2.67	7	*	20	120
			Phenol-d5	40	23.52	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.60	59		10	150
			2-Chlorophenol-d4	40	25.95	65		15	120
			4-Methylphenol-d8	40	22.64	57		10	140
			Nitrobenzene-d5	40	26.41	66		10	135
			2-Nitrophenol-d4	40	27.42	69		10	120
			2,4-Dichlorophenol-d3	40	24.92	62		10	140
			4-Chloroaniline-d4	40	19.01	48		1	145
			Dimethylphthalate-d6	40	26.87	67		10	145
			Acenaphthylene-d8	40	26.45	66		15	120
			4-Nitrophenol-d4	40	21.56	54		10	150
			Fluorene-d10	40	26.28	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.10	58		10	130
			Anthracene-d10	40	27.48	69		10	150
			Pyrene-d10	40	26.01	65		10	130
			Benzo(a)pyrene-d12	40	18.84	47		10	140
P2695-12	A4BK9	BN032000.D	1,4-Dioxane-d8	8	3.62	45		15	120
			Pyridine-d5	40	1.82	5	*	20	120
			Phenol-d5	40	21.33	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.24	53		10	150
			2-Chlorophenol-d4	40	23.09	58		15	120
			4-Methylphenol-d8	40	21.13	53		10	140
			Nitrobenzene-d5	40	22.42	56		10	135
			2-Nitrophenol-d4	40	23.90	60		10	120
			2,4-Dichlorophenol-d3	40	21.89	55		10	140
			4-Chloroaniline-d4	40	19.58	49		1	145
			Dimethylphthalate-d6	40	24.43	61		10	145
			Acenaphthylene-d8	40	23.32	58		15	120
			4-Nitrophenol-d4	40	21.15	53		10	150

Surrogate Summary

SW-846

SDG No.: **BN061424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2695-12	A4BK9	BN032000.D	Fluorene-d10	40	24.20	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.70	54		10	130
			Anthracene-d10	40	24.71	62		10	150
			Pyrene-d10	40	28.00	70		10	130
			Benzo(a)pyrene-d12	40	17.29	43		10	140
P2695-13	A4BL1	BN032001.D	1,4-Dioxane-d8	8	3.67	46		15	120
			Pyridine-d5	40	1.22	3	*	20	120
			Phenol-d5	40	21.21	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.69	54		10	150
			2-Chlorophenol-d4	40	23.18	58		15	120
			4-Methylphenol-d8	40	20.33	51		10	140
			Nitrobenzene-d5	40	22.54	56		10	135
			2-Nitrophenol-d4	40	24.09	60		10	120
			2,4-Dichlorophenol-d3	40	22.04	55		10	140
			4-Chloroaniline-d4	40	18.73	47		1	145
			Dimethylphthalate-d6	40	23.88	60		10	145
			Acenaphthylene-d8	40	23.26	58		15	120
			4-Nitrophenol-d4	40	20.16	50		10	150
			Fluorene-d10	40	23.96	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.68	49		10	130
			Anthracene-d10	40	24.17	60		10	150
			Pyrene-d10	40	26.61	67		10	130
			Benzo(a)pyrene-d12	40	16.96	42		10	140
P2695-14	A4BL3	BN032004.D	1,4-Dioxane-d8	8	5.37	67		15	120
			Pyridine-d5	40	4.12	10	*	20	120
			Phenol-d5	40	32.08	80		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.02	80		10	150
			2-Chlorophenol-d4	40	34.63	87		15	120
			4-Methylphenol-d8	40	28.94	72		10	140
			Nitrobenzene-d5	40	33.58	84		10	135
			2-Nitrophenol-d4	40	35.14	88		10	120
			2,4-Dichlorophenol-d3	40	31.98	80		10	140
			4-Chloroaniline-d4	40	25.82	65		1	145
			Dimethylphthalate-d6	40	33.67	84		10	145
			Acenaphthylene-d8	40	32.86	82		15	120
			4-Nitrophenol-d4	40	28.35	71		10	150
			Fluorene-d10	40	33.70	84		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.73	72		10	130
			Anthracene-d10	40	32.03	80		10	150
			Pyrene-d10	40	36.63	92		10	130
			Benzo(a)pyrene-d12	40	21.58	54		10	140
P2695-17	A4DG5	BN031996.D	1,4-Dioxane-d8	8	4.20	52		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	29.38	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.84	72		10	150
			2-Chlorophenol-d4	40	31.49	79		15	120
			4-Methylphenol-d8	40	29.50	74		10	140
			Nitrobenzene-d5	40	32.89	82		10	135
			2-Nitrophenol-d4	40	34.17	85		10	120

Surrogate Summary

SW-846

SDG No.: **BN061424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2695-17	A4DG5	BN031996.D	2,4-Dichlorophenol-d3	40	36.47	91		10	140
			4-Chloroaniline-d4	40	15.43	39		1	145
			Dimethylphthalate-d6	40	31.39	78		10	145
			Acenaphthylene-d8	40	33.51	84		15	120
			4-Nitrophenol-d4	40	25.36	63		10	150
			Fluorene-d10	40	32.45	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.91	72		10	130
			Anthracene-d10	40	35.15	88		10	150
			Pyrene-d10	40	38.26	96		10	130
			Benzo(a)pyrene-d12	40	36.78	92		10	140
P2695-17DL	A4DG5DL	BN031997.D	1,4-Dioxane-d8	8	4.14	52		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	27.14	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.98	70		10	150
			2-Chlorophenol-d4	40	29.13	73		15	120
			4-Methylphenol-d8	40	28.90	72		10	140
			Nitrobenzene-d5	40	28.87	72		10	135
			2-Nitrophenol-d4	40	29.67	74		10	120
			2,4-Dichlorophenol-d3	40	35.16	88		10	140
			4-Chloroaniline-d4	40	15.23	38		1	145
			Dimethylphthalate-d6	40	32.00	80		10	145
			Acenaphthylene-d8	40	32.41	81		15	120
			4-Nitrophenol-d4	40	25.29	63		10	150
			Fluorene-d10	40	33.85	85		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.99	52		10	130
			Anthracene-d10	40	34.85	87		10	150
			Pyrene-d10	40	41.99	105		10	130
			Benzo(a)pyrene-d12	40	34.08	85		10	140
P2695-25	A4BN3	BN032005.D	1,4-Dioxane-d8	8	5.86	73		15	120
			Pyridine-d5	40	5.26	13	*	20	120
			Phenol-d5	40	35.22	88		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.08	88		10	150
			2-Chlorophenol-d4	40	37.12	93		15	120
			4-Methylphenol-d8	40	33.90	85		10	140
			Nitrobenzene-d5	40	36.89	92		10	135
			2-Nitrophenol-d4	40	38.46	96		10	120
			2,4-Dichlorophenol-d3	40	35.85	90		10	140
			4-Chloroaniline-d4	40	27.99	70		1	145
			Dimethylphthalate-d6	40	36.34	91		10	145
			Acenaphthylene-d8	40	36.10	90		15	120
			4-Nitrophenol-d4	40	31.90	80		10	150
			Fluorene-d10	40	36.43	91		20	140
			4,6-Dinitro-2-methylphenol-d2	40	31.21	78		10	130
			Anthracene-d10	40	34.62	87		10	150
			Pyrene-d10	40	39.97	100		10	130
			Benzo(a)pyrene-d12	40	23.76	59		10	140
P2695-26MS	A4BN3MS	BN032006.D	1,4-Dioxane-d8	8	5.67	71		15	120
			Pyridine-d5	40	13.92	35		20	120
			Phenol-d5	40	31.05	78		10	130

Surrogate Summary

SW-846

SDG No.: BN061424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2695-26MS	A4BN3MS	BN032006.D	Bis(2-Chloroethyl)ether-d8	40	30.52	76		10	150
			2-Chlorophenol-d4	40	33.98	85		15	120
			4-Methylphenol-d8	40	29.21	73		10	140
			Nitrobenzene-d5	40	33.49	84		10	135
			2-Nitrophenol-d4	40	34.54	86		10	120
			2,4-Dichlorophenol-d3	40	32.97	82		10	140
			4-Chloroaniline-d4	40	25.85	65		1	145
			Dimethylphthalate-d6	40	32.70	82		10	145
			Acenaphthylene-d8	40	33.27	83		15	120
			4-Nitrophenol-d4	40	30.16	75		10	150
			Fluorene-d10	40	32.27	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	35.07	88		10	130
			Anthracene-d10	40	33.37	83		10	150
			Pyrene-d10	40	31.01	78		10	130
			Benzo(a)pyrene-d12	40	21.80	55		10	140
P2695-27MSD	A4BN3MSD	BN032007.D	1,4-Dioxane-d8	8	5.18	65		15	120
			Pyridine-d5	40	14.84	37		20	120
			Phenol-d5	40	32.95	82		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.82	80		10	150
			2-Chlorophenol-d4	40	35.11	88		15	120
			4-Methylphenol-d8	40	32.59	81		10	140
			Nitrobenzene-d5	40	33.63	84		10	135
			2-Nitrophenol-d4	40	35.31	88		10	120
			2,4-Dichlorophenol-d3	40	34.57	86		10	140
			4-Chloroaniline-d4	40	27.12	68		1	145
			Dimethylphthalate-d6	40	34.33	86		10	145
			Acenaphthylene-d8	40	32.84	82		15	120
			4-Nitrophenol-d4	40	31.69	79		10	150
			Fluorene-d10	40	33.47	84		20	140
			4,6-Dinitro-2-methylphenol-d2	40	37.09	93		10	130
			Anthracene-d10	40	33.75	84		10	150
			Pyrene-d10	40	38.66	97		10	130
PB161357BL	PB161357BL	BN031995.D	Benzo(a)pyrene-d12	40	21.14	53		10	140
			Pyridine-d5	40	29.09	73		20	120
		BN032003.D	1,4-Dioxane-d8	8	5.92	74		15	120
			Pyridine-d5	40	29.06	73		20	120
			1,4-Dioxane-d8	8	5.90	74		15	120
		BN031995.D	Phenol-d5	40	29.99	75		10	130
			Phenol-d5	40	29.92	75		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.23	76		10	150
		BN032003.D	Bis(2-Chloroethyl)ether-d8	40	30.91	77		10	150
			2-Chlorophenol-d4	40	32.65	82		15	120
		BN031995.D	2-Chlorophenol-d4	40	32.64	82		15	120
			4-Methylphenol-d8	40	30.55	76		10	140
		BN032003.D	4-Methylphenol-d8	40	31.63	79		10	140
			Nitrobenzene-d5	40	32.55	81		10	135
		BN031995.D	Nitrobenzene-d5	40	33.18	83		10	135
			2-Nitrophenol-d4	40	35.10	88		10	120
		BN032003.D	2-Nitrophenol-d4	40	34.23	86		10	120

Surrogate Summary

SW-846

SDG No.: BN061424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161357BL	PB161357BL	BN032003.D	2,4-Dichlorophenol-d3	40	30.22	76		10	140
		BN031995.D	2,4-Dichlorophenol-d3	40	29.73	74		10	140
			4-Chloroaniline-d4	40	32.55	81		1	145
		BN032003.D	4-Chloroaniline-d4	40	33.30	83		1	145
			Dimethylphthalate-d6	40	33.73	84		10	145
		BN031995.D	Dimethylphthalate-d6	40	34.46	86		10	145
			Acenaphthylene-d8	40	31.75	79		15	120
		BN032003.D	Acenaphthylene-d8	40	31.77	79		15	120
			4-Nitrophenol-d4	40	30.18	75		10	150
		BN031995.D	4-Nitrophenol-d4	40	31.71	79		10	150
			Fluorene-d10	40	32.77	82		20	140
		BN032003.D	Fluorene-d10	40	32.34	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	29.55	74		10	130
		BN031995.D	4,6-Dinitro-2-methylphenol-d2	40	32.99	82		10	130
			Anthracene-d10	40	33.08	83		10	150
		BN032003.D	Anthracene-d10	40	33.37	83		10	150
			Pyrene-d10	40	36.88	92		10	130
		BN031995.D	Pyrene-d10	40	31.88	80		10	130
			Benzo(a)pyrene-d12	40	33.50	84		10	140
		BN032003.D	Benzo(a)pyrene-d12	40	33.10	83		10	140

Surrogate Summary

SW-846

SDG No.: **BN061424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2696-01	A4BJ1	BN032020.D	1,4-Dioxane-d8	8	4.26	53		15	120
			Pyridine-d5	40	0.80	2	*	20	120
			Phenol-d5	40	25.42	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.47	64		10	150
			2-Chlorophenol-d4	40	27.62	69		15	120
			4-Methylphenol-d8	40	24.43	61		10	140
			Nitrobenzene-d5	40	27.43	69		10	135
			2-Nitrophenol-d4	40	27.95	70		10	120
			2,4-Dichlorophenol-d3	40	25.68	64		10	140
			4-Chloroaniline-d4	40	21.49	54		1	145
			Dimethylphthalate-d6	40	26.73	67		10	145
			Acenaphthylene-d8	40	27.42	69		15	120
			4-Nitrophenol-d4	40	20.04	50		10	150
			Fluorene-d10	40	26.67	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.94	45		10	130
			Anthracene-d10	40	27.58	69		10	150
			Pyrene-d10	40	24.25	61		10	130
			Benzo(a)pyrene-d12	40	17.77	44		10	140
P2696-02	A4BK4	BN032021.D	1,4-Dioxane-d8	8	3.58	45		15	120
			Pyridine-d5	40	19.30	48		20	120
			Phenol-d5	40	23.26	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.98	55		10	150
			2-Chlorophenol-d4	40	24.07	60		15	120
			4-Methylphenol-d8	40	24.21	61		10	140
			Nitrobenzene-d5	40	23.92	60		10	135
			2-Nitrophenol-d4	40	25.53	64		10	120
			2,4-Dichlorophenol-d3	40	24.28	61		10	140
			4-Chloroaniline-d4	40	23.84	60		1	145
			Dimethylphthalate-d6	40	26.22	66		10	145
			Acenaphthylene-d8	40	25.72	64		15	120
			4-Nitrophenol-d4	40	21.47	54		10	150
			Fluorene-d10	40	26.11	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.80	47		10	130
			Anthracene-d10	40	26.89	67		10	150
			Pyrene-d10	40	34.54	86		10	130
			Benzo(a)pyrene-d12	40	26.01	65		10	140
P2696-03	A4BK6	BN032008.D	1,4-Dioxane-d8	8	3.26	41		15	120
			Pyridine-d5	40	18.07	45		20	120
			Phenol-d5	40	20.99	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.57	51		10	150
			2-Chlorophenol-d4	40	22.17	55		15	120
			4-Methylphenol-d8	40	22.34	56		10	140
			Nitrobenzene-d5	40	22.01	55		10	135
			2-Nitrophenol-d4	40	23.56	59		10	120
			2,4-Dichlorophenol-d3	40	21.70	54		10	140
			4-Chloroaniline-d4	40	23.13	58		1	145
			Dimethylphthalate-d6	40	24.24	61		10	145
			Acenaphthylene-d8	40	23.21	58		15	120
			4-Nitrophenol-d4	40	21.51	54		10	150

Surrogate Summary

SW-846

SDG No.: BN061424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2696-03	A4BK6	BN032008.D	Fluorene-d10	40	23.48	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.15	45		10	130
			Anthracene-d10	40	24.62	62		10	150
			Pyrene-d10	40	28.81	72		10	130
			Benzo(a)pyrene-d12	40	24.21	61		10	140
P2696-04	A4BN1	BN032024.D	1,4-Dioxane-d8	8	2.97	37		15	120
			Pyridine-d5	40	14.99	37		20	120
			Phenol-d5	40	19.93	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.06	48		10	150
			2-Chlorophenol-d4	40	21.28	53		15	120
			4-Methylphenol-d8	40	21.76	54		10	140
			Nitrobenzene-d5	40	21.34	53		10	135
			2-Nitrophenol-d4	40	22.60	56		10	120
			2,4-Dichlorophenol-d3	40	22.10	55		10	140
			4-Chloroaniline-d4	40	20.50	51		1	145
			Dimethylphthalate-d6	40	23.03	58		10	145
			Acenaphthylene-d8	40	23.07	58		15	120
			4-Nitrophenol-d4	40	17.72	44		10	150
			Fluorene-d10	40	23.03	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.07	40		10	130
			Anthracene-d10	40	24.35	61		10	150
			Pyrene-d10	40	31.24	78		10	130
			Benzo(a)pyrene-d12	40	24.41	61		10	140
			1,4-Dioxane-d8	8	4.23	53		15	120
			Pyridine-d5	40	21.36	53		20	120
			Phenol-d5	40	24.95	62		10	130
P2696-05	A4BN2	BN032014.D	Bis(2-Chloroethyl)ether-d8	40	24.69	62		10	150
			2-Chlorophenol-d4	40	26.12	65		15	120
			4-Methylphenol-d8	40	26.83	67		10	140
			Nitrobenzene-d5	40	25.97	65		10	135
			2-Nitrophenol-d4	40	27.53	69		10	120
			2,4-Dichlorophenol-d3	40	26.05	65		10	140
			4-Chloroaniline-d4	40	26.27	66		1	145
			Dimethylphthalate-d6	40	28.04	70		10	145
			Acenaphthylene-d8	40	28.09	70		15	120
			4-Nitrophenol-d4	40	24.79	62		10	150
			Fluorene-d10	40	27.92	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.48	54		10	130
			Anthracene-d10	40	28.99	72		10	150
			Pyrene-d10	40	36.69	92		10	130
			Benzo(a)pyrene-d12	40	28.59	71		10	140
			1,4-Dioxane-d8	8	5.53	69		15	120
			Pyridine-d5	40	3.75	9	*	20	120
			Phenol-d5	40	31.11	78		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.65	77		10	150
			2-Chlorophenol-d4	40	32.94	82		15	120
P2696-06	A4BN4	BN032009.D	4-Methylphenol-d8	40	32.59	81		10	140
			Nitrobenzene-d5	40	32.71	82		10	135
			2-Nitrophenol-d4	40	34.11	85		10	120

Surrogate Summary

SW-846

SDG No.: BN061424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2696-06	A4BN4	BN032009.D	2,4-Dichlorophenol-d3	40	31.43	79		10	140
			4-Chloroaniline-d4	40	28.35	71		1	145
			Dimethylphthalate-d6	40	32.08	80		10	145
			Acenaphthylene-d8	40	31.89	80		15	120
			4-Nitrophenol-d4	40	27.00	67		10	150
			Fluorene-d10	40	32.53	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.11	63		10	130
			Anthracene-d10	40	33.12	83		10	150
			Pyrene-d10	40	35.08	88		10	130
			Benzo(a)pyrene-d12	40	19.76	49		10	140
P2696-07	A4BN5	BN032010.D	1,4-Dioxane-d8	8	2.87	36		15	120
			Pyridine-d5	40	14.85	37		20	120
			Phenol-d5	40	16.43	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.28	41		10	150
			2-Chlorophenol-d4	40	17.71	44		15	120
			4-Methylphenol-d8	40	17.18	43		10	140
			Nitrobenzene-d5	40	16.96	42		10	135
			2-Nitrophenol-d4	40	17.53	44		10	120
			2,4-Dichlorophenol-d3	40	16.57	41		10	140
			4-Chloroaniline-d4	40	17.17	43		1	145
			Dimethylphthalate-d6	40	17.18	43		10	145
			Acenaphthylene-d8	40	17.38	43		15	120
			4-Nitrophenol-d4	40	14.21	36		10	150
			Fluorene-d10	40	17.41	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.09	28		10	130
			Anthracene-d10	40	17.84	45		10	150
			Pyrene-d10	40	21.84	55		10	130
			Benzo(a)pyrene-d12	40	17.10	43		10	140
P2696-11	A4BN8	BN032019.D	1,4-Dioxane-d8	8	2.90	36		15	120
			Pyridine-d5	40	15.34	38		20	120
			Phenol-d5	40	17.59	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.99	42		10	150
			2-Chlorophenol-d4	40	18.45	46		15	120
			4-Methylphenol-d8	40	18.11	45		10	140
			Nitrobenzene-d5	40	17.54	44		10	135
			2-Nitrophenol-d4	40	18.09	45		10	120
			2,4-Dichlorophenol-d3	40	17.60	44		10	140
			4-Chloroaniline-d4	40	17.24	43		1	145
			Dimethylphthalate-d6	40	18.28	46		10	145
			Acenaphthylene-d8	40	18.28	46		15	120
			4-Nitrophenol-d4	40	14.87	37		10	150
			Fluorene-d10	40	18.19	45		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.93	32		10	130
			Anthracene-d10	40	18.48	46		10	150
			Pyrene-d10	40	23.08	58		10	130
			Benzo(a)pyrene-d12	40	18.62	47		10	140
P2696-12	A4BN9	BN032013.D	1,4-Dioxane-d8	8	3.05	38		15	120
			Pyridine-d5	40	14.74	37		20	120
			Phenol-d5	40	17.84	45		10	130

Surrogate Summary

SW-846

SDG No.: BN061424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2696-12	A4BN9	BN032013.D	Bis(2-Chloroethyl)ether-d8	40	17.58	44		10	150
			2-Chlorophenol-d4	40	18.99	47		15	120
			4-Methylphenol-d8	40	18.76	47		10	140
			Nitrobenzene-d5	40	17.84	45		10	135
			2-Nitrophenol-d4	40	18.76	47		10	120
			2,4-Dichlorophenol-d3	40	17.77	44		10	140
			4-Chloroaniline-d4	40	17.63	44		1	145
			Dimethylphthalate-d6	40	18.10	45		10	145
			Acenaphthylene-d8	40	17.96	45		15	120
			4-Nitrophenol-d4	40	14.37	36		10	150
			Fluorene-d10	40	18.07	45		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.06	30		10	130
			Anthracene-d10	40	18.47	46		10	150
			Pyrene-d10	40	23.32	58		10	130
			Benzo(a)pyrene-d12	40	18.72	47		10	140
P2696-21	A4B90	BN032022.D	1,4-Dioxane-d8	8	4.05	51		15	120
			Pyridine-d5	40	1.85	5	*	20	120
			Phenol-d5	40	26.75	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.06	65		10	150
			2-Chlorophenol-d4	40	28.34	71		15	120
			4-Methylphenol-d8	40	26.89	67		10	140
			Nitrobenzene-d5	40	27.52	69		10	135
			2-Nitrophenol-d4	40	29.10	73		10	120
			2,4-Dichlorophenol-d3	40	27.39	68		10	140
			4-Chloroaniline-d4	40	17.19	43		1	145
			Dimethylphthalate-d6	40	28.17	70		10	145
			Acenaphthylene-d8	40	28.14	70		15	120
			4-Nitrophenol-d4	40	19.94	50		10	150
			Fluorene-d10	40	27.72	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.04	48		10	130
			Anthracene-d10	40	28.13	70		10	150
			Pyrene-d10	40	32.01	80		10	130
P2696-22	A4B91	BN032015.D	Benzo(a)pyrene-d12	40	17.76	44		10	140
			1,4-Dioxane-d8	8	3.68	46		15	120
			Pyridine-d5	40	1.27	3	*	20	120
			Phenol-d5	40	21.58	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.18	53		10	150
			2-Chlorophenol-d4	40	23.30	58		15	120
			4-Methylphenol-d8	40	20.39	51		10	140
			Nitrobenzene-d5	40	22.46	56		10	135
			2-Nitrophenol-d4	40	22.94	57		10	120
			2,4-Dichlorophenol-d3	40	21.07	53		10	140
			4-Chloroaniline-d4	40	15.88	40		1	145
			Dimethylphthalate-d6	40	21.84	55		10	145
			Acenaphthylene-d8	40	22.28	56		15	120
			4-Nitrophenol-d4	40	15.72	39		10	150
			Fluorene-d10	40	21.67	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.40	36		10	130
			Anthracene-d10	40	23.51	59		10	150

Surrogate Summary

SW-846

SDG No.: BN061424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2696-22	A4B91	BN032015.D	Pyrene-d10	40	20.24	51		10	130
			Benzo(a)pyrene-d12	40	14.38	36		10	140
P2696-23	A4B92	BN032016.D	1,4-Dioxane-d8	8	4.20	52		15	120
			Pyridine-d5	40	22.56	56		20	120
			Phenol-d5	40	25.83	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.61	64		10	150
			2-Chlorophenol-d4	40	27.83	70		15	120
			4-Methylphenol-d8	40	27.99	70		10	140
			Nitrobenzene-d5	40	28.58	71		10	135
			2-Nitrophenol-d4	40	30.48	76		10	120
			2,4-Dichlorophenol-d3	40	28.38	71		10	140
			4-Chloroaniline-d4	40	28.96	72		1	145
			Dimethylphthalate-d6	40	31.66	79		10	145
			Acenaphthylene-d8	40	30.97	77		15	120
			4-Nitrophenol-d4	40	25.34	63		10	150
			Fluorene-d10	40	31.04	78		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.62	57		10	130
			Anthracene-d10	40	31.42	79		10	150
			Pyrene-d10	40	40.36	101		10	130
			Benzo(a)pyrene-d12	40	32.50	81		10	140
P2696-24	A4BM5	BN032011.D	1,4-Dioxane-d8	8	4.25	53		15	120
			Pyridine-d5	40	1.61	4	*	20	120
			Phenol-d5	40	26.58	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.49	66		10	150
			2-Chlorophenol-d4	40	28.10	70		15	120
			4-Methylphenol-d8	40	23.48	59		10	140
			Nitrobenzene-d5	40	27.94	70		10	135
			2-Nitrophenol-d4	40	28.98	72		10	120
			2,4-Dichlorophenol-d3	40	27.14	68		10	140
			4-Chloroaniline-d4	40	20.74	52		1	145
			Dimethylphthalate-d6	40	28.64	72		10	145
			Acenaphthylene-d8	40	27.85	70		15	120
			4-Nitrophenol-d4	40	23.86	60		10	150
			Fluorene-d10	40	28.70	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.57	56		10	130
			Anthracene-d10	40	28.59	71		10	150
			Pyrene-d10	40	30.60	77		10	130
			Benzo(a)pyrene-d12	40	18.54	46		10	140
P2696-25	A4BM6	BN032012.D	1,4-Dioxane-d8	8	4.12	52		15	120
			Pyridine-d5	40	1.27	3	*	20	120
			Phenol-d5	40	25.30	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.78	64		10	150
			2-Chlorophenol-d4	40	27.59	69		15	120
			4-Methylphenol-d8	40	24.96	62		10	140
			Nitrobenzene-d5	40	26.84	67		10	135
			2-Nitrophenol-d4	40	28.47	71		10	120
			2,4-Dichlorophenol-d3	40	26.13	65		10	140
			4-Chloroaniline-d4	40	17.83	45		1	145
			Dimethylphthalate-d6	40	26.90	67		10	145

Surrogate Summary

SW-846

SDG No.: **BN061424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2696-25	A4BM6	BN032012.D	Acenaphthylene-d8	40	26.60	66		15	120
			4-Nitrophenol-d4	40	20.31	51		10	150
			Fluorene-d10	40	27.10	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.62	52		10	130
			Anthracene-d10	40	28.66	72		10	150
			Pyrene-d10	40	30.53	76		10	130
			Benzo(a)pyrene-d12	40	17.54	44		10	140
P2696-26	A4BP0	BN032023.D	1,4-Dioxane-d8	8	3.69	46		15	120
			Pyridine-d5	40	0.53	1	*	20	120
			Phenol-d5	40	23.29	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.77	59		10	150
			2-Chlorophenol-d4	40	25.49	64		15	120
			4-Methylphenol-d8	40	19.52	49		10	140
			Nitrobenzene-d5	40	25.12	63		10	135
			2-Nitrophenol-d4	40	26.35	66		10	120
			2,4-Dichlorophenol-d3	40	23.96	60		10	140
			4-Chloroaniline-d4	40	16.04	40		1	145
			Dimethylphthalate-d6	40	24.83	62		10	145
			Acenaphthylene-d8	40	25.26	63		15	120
			4-Nitrophenol-d4	40	17.44	44		10	150
			Fluorene-d10	40	25.41	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.00	40		10	130
			Anthracene-d10	40	24.67	62		10	150
			Pyrene-d10	40	28.10	70		10	130
			Benzo(a)pyrene-d12	40	16.28	41		10	140
PB161388BL	PB161388BL	BN032018.D	1,4-Dioxane-d8	8	6.70	84		15	120
			Pyridine-d5	40	33.89	85		20	120
			Phenol-d5	40	34.55	86		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.79	84		10	150
			2-Chlorophenol-d4	40	37.17	93		15	120
			4-Methylphenol-d8	40	34.18	85		10	140
			Nitrobenzene-d5	40	36.37	91		10	135
			2-Nitrophenol-d4	40	38.24	96		10	120
			2,4-Dichlorophenol-d3	40	33.82	85		10	140
			4-Chloroaniline-d4	40	34.97	87		1	145
			Dimethylphthalate-d6	40	35.03	88		10	145
			Acenaphthylene-d8	40	35.27	88		15	120
			4-Nitrophenol-d4	40	28.66	72		10	150
			Fluorene-d10	40	33.78	84		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.54	71		10	130
			Anthracene-d10	40	37.08	93		10	150
			Pyrene-d10	40	36.39	91		10	130
			Benzo(a)pyrene-d12	40	36.06	90		10	140
PB161388BS	PB161388BS	BN032025.D	1,4-Dioxane-d8	8	5.93	74		15	120
			Pyridine-d5	40	31.55	79		20	120
			Phenol-d5	40	36.03	90		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.31	86		10	150
			2-Chlorophenol-d4	40	38.38	96		15	120
			4-Methylphenol-d8	40	36.90	92		10	140



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

Surrogate Summary

SW-846

SDG No.: BN061424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161388BS	PB161388BS	BN032025.D	Nitrobenzene-d5	40	36.32	91		10	135
			2-Nitrophenol-d4	40	38.90	97		10	120
			2,4-Dichlorophenol-d3	40	37.25	93		10	140
			4-Chloroaniline-d4	40	35.23	88		1	145
			Dimethylphthalate-d6	40	35.81	90		10	145
			Acenaphthylene-d8	40	36.57	91		15	120
			4-Nitrophenol-d4	40	34.33	86		10	150
			Fluorene-d10	40	35.07	88		20	140
			4,6-Dinitro-2-methylphenol-d2	40	36.68	92		10	130
			Anthracene-d10	40	37.10	93		10	150
			Pyrene-d10	40	47.13	118		10	130
			Benzo(a)pyrene-d12	40	36.16	90		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN061424

Lab Code: CHEM

SAS No.: BN061424 SDG NO.: BN061424

Lab File ID: BN031993.D

DFTPP Injection Date: 06/14/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:44

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29.5
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	34.1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	45
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	26
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	10.8
442	Greater than 50% of mass 198	68.4
443	15.0 - 24.0% of mass 442	13 (18.9) 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
SSTD020290	SSTDCCC020	BN031994.D	06/14/2024	10:20
SBLK357	PB161357BL	BN031995.D	06/14/2024	11:02
A4DG5	P2695-17	BN031996.D	06/14/2024	11:41
A4DG5DL	P2695-17DL	BN031997.D	06/14/2024	12:20
A4BK3	P2695-10	BN031998.D	06/14/2024	13:12
A4BK5	P2695-11	BN031999.D	06/14/2024	13:52
A4BK9	P2695-12	BN032000.D	06/14/2024	14:31
A4BL1	P2695-13	BN032001.D	06/14/2024	15:11
SSTD020291	SSTDCCC020	BN032002.D	06/14/2024	15:50
SBLK357	PB161357BL	BN032003.D	06/14/2024	16:30
A4BL3	P2695-14	BN032004.D	06/14/2024	17:09
A4BN3	P2695-25	BN032005.D	06/14/2024	17:49
A4BN3MS	P2695-26MS	BN032006.D	06/14/2024	18:29
A4BN3MSD	P2695-27MSD	BN032007.D	06/14/2024	19:08
A4BK6	P2696-03	BN032008.D	06/14/2024	19:47
A4BN4	P2696-06	BN032009.D	06/14/2024	20:27
A4BN5	P2696-07	BN032010.D	06/14/2024	21:06
A4BM5	P2696-24	BN032011.D	06/14/2024	21:45

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN061424

Lab Code: CHEM

SAS No.: BN061424 SDG NO.: BN061424

Lab File ID: BN031993.D

DFTPP Injection Date: 06/14/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:44

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29.5
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	34.1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	45
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	26
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	10.8
442	Greater than 50% of mass 198	68.4
443	15.0 - 24.0% of mass 442	13 (18.9) 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
A4BM6	P2696-25	BN032012.D	06/14/2024	22:25
A4BN9	P2696-12	BN032013.D	06/14/2024	23:04
A4BN2	P2696-05	BN032014.D	06/14/2024	23:44
A4B91	P2696-22	BN032015.D	06/15/2024	00:23
A4B92	P2696-23	BN032016.D	06/15/2024	01:02
SSTD020292	SSTDCCC020	BN032017.D	06/15/2024	02:22
SBLK388	PB161388BL	BN032018.D	06/15/2024	03:01
A4BN8	P2696-11	BN032019.D	06/15/2024	03:41
A4BJ1	P2696-01	BN032020.D	06/15/2024	04:21
A4BK4	P2696-02	BN032021.D	06/15/2024	05:01
A4B90	P2696-21	BN032022.D	06/15/2024	05:40
A4BP0	P2696-26	BN032023.D	06/15/2024	06:20
A4BN1	P2696-04	BN032024.D	06/15/2024	06:59
SLCS388	PB161388BS	BN032025.D	06/15/2024	07:38
SSTD020293	SSTDCCC020EC	BN032026.D	06/15/2024	08:57