

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN101724 SAS No.: BN101724 SDG No.: BN101724

Instrument ID: BNA_N Calibration Date/Time: 10/17/2024 : 09:41

Lab File ID: BN034614.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020341 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.537	0.557	0.010	3.7545	40.0
Benzaldehyde	0.963	1.137	0.010	18.0356	40.0
Pyridine	1.485	1.540	0.010	3.7031	40.0
Phenol	1.714	1.736	0.080	1.2688	20.0
Bis(2-Chloroethyl)ether	1.351	1.394	0.100	3.1467	20.0
2-Chlorophenol	1.324	1.384	0.200	4.5105	20.0
2-Methylphenol	1.265	1.273	0.010	0.6444	20.0
2,2-oxybis(1-Chloropropane)	2.036	2.045	0.010	0.4345	40.0
Acetophenone	2.043	2.057	0.060	0.7149	20.0
4-Methylphenol	1.372	1.387	0.010	1.1422	20.0
N-Nitroso-di-n-propylamine	0.995	1.018	0.050	2.2968	30.0
Hexachloroethane	0.552	0.576	0.100	4.2818	20.0
Nitrobenzene	0.333	0.353	0.050	5.8982	25.0
Isophorone	0.658	0.673	0.050	2.2247	25.0
2-Nitrophenol	0.129	0.147	0.050	13.916	25.0
2,4-Dimethylphenol	0.323	0.335	0.050	3.7981	25.0
Bis(2-Chloroethoxy)methane	0.406	0.420	0.050	3.3371	20.0
2,4-Dichlorophenol	0.256	0.273	0.060	6.4466	20.0
Naphthalene	1.005	1.050	0.200	4.4185	20.0
4-Chloroaniline	0.412	0.420	0.010	1.7567	40.0
Hexachlorobutadiene	0.154	0.156	0.040	1.5071	30.0
Caprolactam	0.100	0.100	0.010	0.2148	40.0
4-Chloro-3-methylphenol	0.287	0.300	0.040	4.6468	25.0
1-Methylnaphthalene	0.674	0.695	0.100	3.2012	20.0
2-Methylnaphthalene	0.662	0.684	0.100	3.354	20.0
Hexachlorocyclopentadiene	0.261	0.266	0.010	1.7277	40.0
2,4,6-Trichlorophenol	0.285	0.307	0.090	7.5574	25.0
2,4,5-Trichlorophenol	0.316	0.341	0.100	7.7289	25.0
1,1-Biphenyl	1.373	1.439	0.200	4.7781	20.0
2-Chloronaphthalene	1.073	1.126	0.300	4.8665	20.0
2-Nitroaniline	0.282	0.315	0.050	11.9598	40.0
Dimethylphthalate	1.271	1.319	0.300	3.7898	20.0
2,6-Dinitrotoluene	0.220	0.246	0.080	11.9555	30.0
Acenaphthylene	1.703	1.771	0.400	3.9983	20.0
3-Nitroaniline	0.281	0.307	0.010	9.1834	40.0
Acenaphthene	1.183	1.223	0.200	3.3879	20.0
2,4-Dinitrophenol	0.086	0.079	0.010	-8.1537	40.0
4-Nitrophenol	0.173	0.182	0.010	5.5069	40.0
Dibenzofuran	1.572	1.633	0.300	3.8894	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN101724 SAS No.: BN101724 SDG No.: BN101724

Instrument ID: BNA_N Calibration Date/Time: 10/17/2024 : 09:41

Lab File ID: BN034614.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020341 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.314	0.348	0.070	10.6925	30.0
Diethylphthalate	1.289	1.343	0.300	4.1922	20.0
Fluorene	1.267	1.321	0.200	4.2434	20.0
4-Chlorophenyl-phenylether	0.569	0.594	0.100	4.4084	20.0
4-Nitroaniline	0.280	0.316	0.010	12.8886	40.0
4,6-Dinitro-2-methylphenol	0.078	0.077	0.010	-0.2542	40.0
N-Nitrosodiphenylamine	0.564	0.600	0.050	6.4226	20.0
1,2,4,5-Tetrachlorobenzene	0.491	0.505	0.100	2.7543	20.0
4-Bromophenyl-phenylether	0.174	0.184	0.070	5.7891	20.0
Hexachlorobenzene	0.200	0.207	0.050	3.7139	25.0
Atrazine	0.189	0.200	0.010	5.8515	25.0
Pentachlorophenol	0.107	0.111	0.010	3.4438	40.0
Phenanthrene	0.998	1.067	0.200	6.9211	20.0
Pentachlorobenzene	0.240	0.256	0.050	6.9399	20.0
Anthracene	1.031	1.087	0.200	5.3668	20.0
1,2,3,4-Tetrachlorobenzene	0.250	0.266	0.050	6.1974	20.0
Carbazole	0.955	1.034	0.050	8.2822	40.0
Di-n-butylphthalate	1.111	1.206	0.500	8.5531	25.0
Fluoranthene	1.232	1.302	0.400	5.7209	25.0
Pyrene	1.312	1.398	0.400	6.51	25.0
Butylbenzylphthalate	0.487	0.549	0.100	12.8635	40.0
3,3-Dichlorobenzidine	0.402	0.420	0.010	4.2888	40.0
Benzo (a) anthracene	1.271	1.342	0.300	5.6266	30.0
Chrysene	1.206	1.276	0.200	5.8076	30.0
Bis (2-ethylhexyl) phthalate	0.763	0.834	0.200	9.2326	40.0
Di-n-octyl phthalate	1.162	1.230	0.010	5.8534	40.0
Benzo (b) fluoranthene	1.075	1.144	0.200	6.447	25.0
Benzo (k) fluoranthene	1.098	1.160	0.200	5.6196	25.0
Benzo (a) pyrene	1.041	1.103	0.200	6.0006	20.0
Indeno (1,2,3-cd) pyrene	1.298	1.349	0.200	3.8941	25.0
Dibenzo (a,h) anthracene	1.055	1.118	0.200	5.9941	30.0
Benzo (g,h,i) perylene	1.008	1.047	0.200	3.887	30.0
2,3,4,6-Tetrachlorophenol	0.227	0.250	0.040	10.1079	20.0
1,4-Dioxane-d8	0.500	0.518	0.010	3.7224	25.0
Pyridine-d5	1.459	1.523	0.010	4.3441	40.0
Phenol-d5	1.641	1.654	0.010	0.7679	25.0
Bis- (2-Chloroethyl) ether-d8	1.012	1.043	0.050	3.0015	25.0
2-Chlorophenol-d4	1.268	1.322	0.200	4.2579	20.0
4-Methylphenol-d8	1.279	1.279	0.010	-0.0373	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN101724 SAS No.: BN101724 SDG No.: BN101724

Instrument ID: BNA_N Calibration Date/Time: 10/17/2024 : 09:41

Lab File ID: BN034614.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020341 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.139	0.150	0.050	7.4514	20.0
2-Nitrophenol-d4	0.110	0.127	0.050	15.8578	30.0
2,4-Dichlorophenol-d3	0.254	0.267	0.060	5.315	20.0
4-Chloroaniline-d4	0.435	0.440	0.010	1.1504	40.0
Dimethylphthalate-d6	1.265	1.303	0.300	2.997	20.0
Acenaphthylene-d8	1.572	1.623	0.400	3.2546	20.0
4-Nitrophenol-d4	0.236	0.245	0.010	4.1145	40.0
Fluorene-d10	1.094	1.103	0.100	0.7878	20.0
4,6-Dinitro-2-methylphenol-d2	0.067	0.063	0.010	-5.4287	40.0
Anthracene-d10	0.855	0.914	0.300	6.9258	20.0
Pyrene-d10	1.027	1.093	0.300	6.3959	25.0
Benzo(a)pyrene-d12	0.922	0.952	0.010	3.295	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.: BN101724 SAS No.: BN101724 SDG No.: BN101724

Instrument ID: BNA_N Calibration Date/Time: 10/17/2024 : 17:19

Lab File ID: BN034625.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020342 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.537	0.565	0.010	5.1497	40.0
Pyridine	1.485	1.565	0.010	5.4002	40.0
Benzaldehyde	0.963	1.130	0.010	17.3372	40.0
Phenol	1.714	1.726	0.080	0.7171	20.0
Bis(2-Chloroethyl)ether	1.351	1.364	0.100	0.8982	20.0
2-Chlorophenol	1.324	1.367	0.200	3.2372	20.0
2-Methylphenol	1.265	1.252	0.010	-1.0308	20.0
2,2-oxybis(1-Chloropropane)	2.036	2.036	0.010	0.0279	40.0
Acetophenone	2.043	2.034	0.060	-0.3988	20.0
4-Methylphenol	1.372	1.359	0.010	-0.9316	20.0
N-Nitroso-di-n-propylamine	0.995	0.971	0.050	-2.393	30.0
Hexachloroethane	0.552	0.575	0.100	4.0879	20.0
Nitrobenzene	0.333	0.356	0.050	7.072	25.0
Isophorone	0.658	0.662	0.050	0.587	25.0
2-Nitrophenol	0.129	0.140	0.050	8.0669	25.0
2,4-Dimethylphenol	0.323	0.328	0.050	1.5377	25.0
Bis(2-Chloroethoxy)methane	0.406	0.412	0.050	1.4852	20.0
2,4-Dichlorophenol	0.256	0.265	0.060	3.1555	20.0
Naphthalene	1.005	1.049	0.200	4.3867	20.0
4-Chloroaniline	0.412	0.413	0.010	0.2255	40.0
Hexachlorobutadiene	0.154	0.159	0.040	2.8729	30.0
Caprolactam	0.100	0.096	0.010	-3.8369	40.0
4-Chloro-3-methylphenol	0.287	0.295	0.040	2.8875	25.0
1-Methylnaphthalene	0.674	0.683	0.100	1.4143	20.0
2-Methylnaphthalene	0.662	0.677	0.100	2.2723	20.0
Hexachlorocyclopentadiene	0.261	0.253	0.010	-3.0233	40.0
2,4,6-Trichlorophenol	0.285	0.314	0.090	10.087	25.0
2,4,5-Trichlorophenol	0.316	0.349	0.100	10.3946	25.0
1,1-Biphenyl	1.373	1.456	0.200	6.0306	20.0
2-Chloronaphthalene	1.073	1.129	0.300	5.1821	20.0
2-Nitroaniline	0.282	0.303	0.050	7.5186	40.0
Dimethylphthalate	1.271	1.303	0.300	2.5169	20.0
2,6-Dinitrotoluene	0.220	0.238	0.080	8.1959	30.0
Acenaphthylene	1.703	1.795	0.400	5.4243	20.0
3-Nitroaniline	0.281	0.297	0.010	5.8563	40.0
Acenaphthene	1.183	1.221	0.200	3.1617	20.0
2,4-Dinitrophenol	0.086	0.065	0.010	-24.0629	40.0
4-Nitrophenol	0.173	0.185	0.010	6.905	40.0
Dibenzofuran	1.572	1.634	0.300	3.9522	20.0

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN101724 SAS No.: BN101724 SDG No.: BN101724

Instrument ID: BNA_N Calibration Date/Time: 10/17/2024 : 17:19

Lab File ID: BN034625.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020342 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.314	0.336	0.070	6.8922	30.0
Diethylphthalate	1.289	1.306	0.300	1.3048	20.0
Fluorene	1.267	1.316	0.200	3.8927	20.0
4-Chlorophenyl-phenylether	0.569	0.581	0.100	2.1515	20.0
4-Nitroaniline	0.280	0.315	0.010	12.3508	40.0
4,6-Dinitro-2-methylphenol	0.078	0.064	0.010	-17.1351	40.0
N-Nitrosodiphenylamine	0.564	0.585	0.050	3.7129	20.0
1,2,4,5-Tetrachlorobenzene	0.491	0.524	0.100	6.6779	20.0
4-Bromophenyl-phenylether	0.174	0.178	0.070	2.4684	20.0
Hexachlorobenzene	0.200	0.207	0.050	3.5471	25.0
Atrazine	0.189	0.192	0.010	1.4497	25.0
Pentachlorophenol	0.107	0.104	0.010	-3.2363	40.0
Phenanthrene	0.998	1.050	0.200	5.1892	20.0
Pentachlorobenzene	0.240	0.259	0.050	8.0433	20.0
Anthracene	1.031	1.095	0.200	6.18	20.0
1,2,3,4-Tetrachlorobenzene	0.250	0.276	0.050	10.4111	20.0
Carbazole	0.955	1.021	0.050	6.9018	40.0
Di-n-butylphthalate	1.111	1.144	0.500	2.9744	25.0
Fluoranthene	1.232	1.274	0.400	3.4069	25.0
Pyrene	1.312	1.370	0.400	4.3873	25.0
Butylbenzylphthalate	0.487	0.489	0.100	0.4723	40.0
3,3-Dichlorobenzidine	0.402	0.396	0.010	-1.4571	40.0
Benzo (a) anthracene	1.271	1.320	0.300	3.8432	30.0
Chrysene	1.206	1.229	0.200	1.9171	30.0
Bis(2-ethylhexyl)phthalate	0.763	0.776	0.200	1.6785	40.0
Di-n-octyl phthalate	1.162	1.121	0.010	-3.5872	40.0
Benzo (b) fluoranthene	1.075	1.113	0.200	3.5733	25.0
Benzo (k) fluoranthene	1.098	1.110	0.200	1.0504	25.0
Benzo (a) pyrene	1.041	1.081	0.200	3.9365	20.0
Indeno (1,2,3-cd) pyrene	1.298	1.337	0.200	2.9952	25.0
Dibenzo (a,h) anthracene	1.055	1.086	0.200	2.9863	30.0
Benzo (g,h,i) perylene	1.008	1.057	0.200	4.9242	30.0
2,3,4,6-Tetrachlorophenol	0.227	0.239	0.040	5.2604	20.0
1,4-Dioxane-d8	0.500	0.532	0.010	6.5373	25.0
Pyridine-d5	1.459	1.529	0.010	4.8041	40.0
Phenol-d5	1.641	1.651	0.010	0.5833	25.0
Bis- (2-Chloroethyl) ether-d8	1.012	1.030	0.050	1.687	25.0
2-Chlorophenol-d4	1.268	1.324	0.200	4.3894	20.0
4-Methylphenol-d8	1.279	1.257	0.010	-1.7468	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN101724 SAS No.: BN101724 SDG No.: BN101724

Instrument ID: BNA_N Calibration Date/Time: 10/17/2024 : 17:19

Lab File ID: BN034625.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020342 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.139	0.148	0.050	6.4996	20.0
2-Nitrophenol-d4	0.110	0.116	0.050	5.5917	30.0
2,4-Dichlorophenol-d3	0.254	0.267	0.060	5.226	20.0
4-Chloroaniline-d4	0.435	0.437	0.010	0.5765	40.0
Dimethylphthalate-d6	1.265	1.276	0.300	0.8496	20.0
Acenaphthylene-d8	1.572	1.640	0.400	4.365	20.0
4-Nitrophenol-d4	0.236	0.238	0.010	0.7977	40.0
Fluorene-d10	1.094	1.112	0.100	1.6049	20.0
4,6-Dinitro-2-methylphenol-d2	0.067	0.054	0.010	-19.7582	40.0
Anthracene-d10	0.855	0.904	0.300	5.7343	20.0
Pyrene-d10	1.027	1.065	0.300	3.7214	25.0
Benzo(a)pyrene-d12	0.922	0.945	0.010	2.502	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.: BN101724 SAS No.: BN101724 SDG No.: BN101724

Instrument ID: BNA_N Calibration Date/Time: 10/18/2024 : 04:27

Lab File ID: BN034641.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020343 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.537	0.564	0.010	4.992	50.0
Benzaldehyde	0.963	1.094	0.010	13.5986	50.0
Pyridine	1.485	1.496	0.010	0.7673	50.0
Phenol	1.714	1.670	0.080	-2.5339	50.0
Bis(2-Chloroethyl)ether	1.351	1.346	0.100	-0.4213	50.0
2-Chlorophenol	1.324	1.379	0.200	4.1664	50.0
2-Methylphenol	1.265	1.226	0.010	-3.1053	50.0
2,2-oxybis(1-Chloropropane)	2.036	1.970	0.010	-3.2311	50.0
Acetophenone	2.043	1.913	0.060	-6.3532	50.0
4-Methylphenol	1.372	1.290	0.010	-5.9852	50.0
N-Nitroso-di-n-propylamine	0.995	0.898	0.050	-9.7113	50.0
Hexachloroethane	0.552	0.581	0.100	5.1549	50.0
Nitrobenzene	0.333	0.362	0.050	8.7938	50.0
Isophorone	0.658	0.638	0.050	-2.9914	50.0
2-Nitrophenol	0.129	0.151	0.050	16.95	50.0
2,4-Dimethylphenol	0.323	0.326	0.050	0.8832	50.0
Bis(2-Chloroethoxy)methane	0.406	0.408	0.050	0.6093	50.0
2,4-Dichlorophenol	0.256	0.276	0.060	7.7329	50.0
Naphthalene	1.005	1.042	0.200	3.6759	50.0
4-Chloroaniline	0.412	0.406	0.010	-1.5663	50.0
Hexachlorobutadiene	0.154	0.166	0.040	7.6293	50.0
Caprolactam	0.100	0.088	0.010	-11.8085	50.0
4-Chloro-3-methylphenol	0.287	0.281	0.040	-2.0649	50.0
1-Methylnaphthalene	0.674	0.657	0.100	-2.4421	50.0
2-Methylnaphthalene	0.662	0.659	0.100	-0.4394	50.0
Hexachlorocyclopentadiene	0.261	0.233	0.010	-10.6719	50.0
2,4,6-Trichlorophenol	0.285	0.330	0.090	15.5395	50.0
2,4,5-Trichlorophenol	0.316	0.365	0.100	15.4958	50.0
1,1-Biphenyl	1.373	1.490	0.200	8.5037	50.0
2-Chloronaphthalene	1.073	1.174	0.300	9.3778	50.0
2-Nitroaniline	0.282	0.322	0.050	14.4008	50.0
Dimethylphthalate	1.271	1.275	0.300	0.3574	50.0
2,6-Dinitrotoluene	0.220	0.249	0.080	13.1015	50.0
Acenaphthylene	1.703	1.810	0.400	6.2805	50.0
3-Nitroaniline	0.281	0.306	0.010	9.0468	50.0
Acenaphthene	1.183	1.261	0.200	6.5816	50.0
2,4-Dinitrophenol	0.086	0.064	0.010	-25.3913	50.0
4-Nitrophenol	0.173	0.185	0.010	7.2394	50.0
Dibenzofuran	1.572	1.632	0.300	3.799	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN101724 SAS No.: BN101724 SDG No.: BN101724

Instrument ID: BNA_N Calibration Date/Time: 10/18/2024 : 04:27

Lab File ID: BN034641.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020343 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.314	0.344	0.070	9.5652	50.0
Diethylphthalate	1.289	1.290	0.300	0.0361	50.0
Fluorene	1.267	1.290	0.200	1.8462	50.0
4-Chlorophenyl-phenylether	0.569	0.572	0.100	0.5483	50.0
4-Nitroaniline	0.280	0.319	0.010	13.8665	50.0
4,6-Dinitro-2-methylphenol	0.078	0.064	0.010	-17.7528	50.0
N-Nitrosodiphenylamine	0.564	0.594	0.050	5.3823	50.0
1,2,4,5-Tetrachlorobenzene	0.491	0.542	0.100	10.2717	50.0
4-Bromophenyl-phenylether	0.174	0.180	0.070	3.1418	50.0
Hexachlorobenzene	0.200	0.204	0.050	2.0524	50.0
Atrazine	0.189	0.193	0.010	2.2465	50.0
Pentachlorophenol	0.107	0.109	0.010	2.1089	50.0
Phenanthrene	0.998	1.070	0.200	7.17	50.0
Pentachlorobenzene	0.240	0.265	0.050	10.5391	50.0
Anthracene	1.031	1.095	0.200	6.1813	50.0
1,2,3,4-Tetrachlorobenzene	0.250	0.294	0.050	17.4224	50.0
Carbazole	0.955	1.036	0.050	8.4552	50.0
Di-n-butylphthalate	1.111	1.169	0.500	5.1878	50.0
Fluoranthene	1.232	1.252	0.400	1.5873	50.0
Pyrene	1.312	1.363	0.400	3.8779	50.0
Butylbenzylphthalate	0.487	0.535	0.100	10.0539	50.0
3,3-Dichlorobenzidine	0.402	0.419	0.010	4.1513	50.0
Benzo (a) anthracene	1.271	1.309	0.300	3.0023	50.0
Chrysene	1.206	1.271	0.200	5.3457	50.0
Bis(2-ethylhexyl)phthalate	0.763	0.833	0.200	9.17	50.0
Di-n-octyl phthalate	1.162	1.192	0.010	2.5816	50.0
Benzo (b) fluoranthene	1.075	1.104	0.200	2.7665	50.0
Benzo (k) fluoranthene	1.098	1.126	0.200	2.5403	50.0
Benzo (a) pyrene	1.041	1.095	0.200	5.2357	50.0
Indeno (1,2,3-cd) pyrene	1.298	1.387	0.200	6.8688	50.0
Dibenzo (a,h) anthracene	1.055	1.128	0.200	6.9344	50.0
Benzo (g,h,i) perylene	1.008	1.080	0.200	7.205	50.0
2,3,4,6-Tetrachlorophenol	0.227	0.237	0.040	4.6765	50.0
1,4-Dioxane-d8	0.500	0.521	0.010	4.2078	50.0
Pyridine-d5	1.459	1.469	0.010	0.6864	50.0
Phenol-d5	1.641	1.612	0.010	-1.7661	50.0
Bis- (2-Chloroethyl) ether-d8	1.012	1.009	0.050	-0.3906	50.0
2-Chlorophenol-d4	1.268	1.330	0.200	4.8956	50.0
4-Methylphenol-d8	1.279	1.213	0.010	-5.1856	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BN101724 SAS No.: BN101724 SDG No.: BN101724
 Instrument ID: BNA_N Calibration Date/Time: 10/18/2024 : 04:27
 Lab File ID: BN034641.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020343 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.139	0.155	0.050	11.1263	50.0
2-Nitrophenol-d4	0.110	0.130	0.050	17.8945	50.0
2,4-Dichlorophenol-d3	0.254	0.268	0.060	5.523	50.0
4-Chloroaniline-d4	0.435	0.419	0.010	-3.5703	50.0
Dimethylphthalate-d6	1.265	1.282	0.300	1.2969	50.0
Acenaphthylene-d8	1.572	1.643	0.400	4.5274	50.0
4-Nitrophenol-d4	0.236	0.239	0.010	1.3729	50.0
Fluorene-d10	1.094	1.093	0.100	-0.0862	50.0
4,6-Dinitro-2-methylphenol-d2	0.067	0.054	0.010	-19.8232	50.0
Anthracene-d10	0.855	0.910	0.300	6.4494	50.0
Pyrene-d10	1.027	1.053	0.300	2.5093	50.0
Benzo(a)pyrene-d12	0.922	0.963	0.010	4.5206	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	SBLK147	SDG No.:	BN101724
Lab Sample ID:	PB164147BL	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
BN034615.D	1	10/14/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164147

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:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	SBLK147	SDG No.:	BN101724
Lab Sample ID:	PB164147BL	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
BN034615.D	1	10/14/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164147

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:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	SBLK147	SDG No.:	BN101724
Lab Sample ID:	PB164147BL	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
BN034615.D	1	10/14/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164147

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	5.253		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	24.736		20-120		62	SPK: -40
4165-62-2	Phenol-d5	24.839		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.681		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.11		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	24.609		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	27.984		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.277		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.498		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.475		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.619		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	26.389		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.809		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	26.344		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	SBLK147	SDG No.:	BN101724
Lab Sample ID:	PB164147BL	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
BN034615.D	1	10/14/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.029		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	27.419		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	27.913		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.308		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	251130	7.664				
1146-65-2	Naphthalene-d8	1011578	10.44				
15067-26-2	Acenaphthene-d10	601309	14.298				
1517-22-2	Phenanthrene-d10	1128285	17.039				
1719-03-5	Chrysene-d12	1010349	21.263				
1520-96-3	Perylene-d12	1196028	24.157				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	A4E82	SDG No.:	BN101724
Lab Sample ID:	P4352-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.3 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034616.D	1	10/14/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	6.5	66	ug/Kg
100-52-7	Benzaldehyde	48	U	48	81.7	330	ug/Kg
110-86-1	Pyridine	12	U	12	160	330	ug/Kg
108-95-2	Phenol	1000		45	81.7	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	5600	E	35	81.7	330	ug/Kg
95-57-8	2-Chlorophenol	2600		22	42.1	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	81.7	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	29	U	29	81.7	330	ug/Kg
98-86-2	Acetophenone	58	U	58	81.7	330	ug/Kg
106-44-5	4-Methylphenol	41	U	41	81.7	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	5200	E	37	42.1	170	ug/Kg
67-72-1	Hexachloroethane	3800	E	16	42.1	170	ug/Kg
98-95-3	Nitrobenzene	1200		27	42.1	170	ug/Kg
78-59-1	Isophorone	4500	E	36	42.1	170	ug/Kg
88-75-5	2-Nitrophenol	1500		30	42.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	8.4	U	8.4	42.1	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	5200	E	31	42.1	170	ug/Kg
120-83-2	2,4-Dichlorophenol	3000	E	34	42.1	170	ug/Kg
91-20-3	Naphthalene	33	U	33	42.1	170	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	42.1	330	ug/Kg
87-68-3	Hexachlorobutadiene	4000	E	26	42.1	170	ug/Kg
105-60-2	Caprolactam	40	U	40	81.7	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		36	42.1	170	ug/Kg
90-12-0	1-Methylnaphthalene	19	U	19	42.1	170	ug/Kg
91-57-6	2-Methylnaphthalene	1600		37	42.1	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	19	U	19	81.7	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	5300	E	50	42.1	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		49	42.1	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	A4E82	SDG No.:	BN101724
Lab Sample ID:	P4352-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.3 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034616.D	1	10/14/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	46	U	46	42.1	170	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	42.1	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.1	170	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	42.1	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	7300	E	26	42.1	170	ug/Kg
208-96-8	Acenaphthylene	590		46	42.1	170	ug/Kg
99-09-2	3-Nitroaniline	14	U	14	81.7	330	ug/Kg
83-32-9	Acenaphthene	3200	E	50	42.1	170	ug/Kg
51-28-5	2,4-Dinitrophenol	32	U	32	81.7	330	ug/Kg
100-02-7	4-Nitrophenol	2500		11	81.7	330	ug/Kg
132-64-9	Dibenzofuran	40	U	40	42.1	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	4700	E	13	42.1	170	ug/Kg
84-66-2	Diethylphthalate	41	U	41	42.1	170	ug/Kg
86-73-7	Fluorene	4500	E	57	42.1	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		48	42.1	170	ug/Kg
100-01-6	4-Nitroaniline	16	U	16	81.7	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	39	U	39	81.7	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	42.1	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	42.1	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		98	42.1	170	ug/Kg
118-74-1	Hexachlorobenzene	5900	E	50	42.1	170	ug/Kg
1912-24-9	Atrazine	11	U	11	81.7	330	ug/Kg
87-86-5	Pentachlorophenol	5800	E	38	81.7	330	ug/Kg
85-01-8	Phenanthrene	1300		52	42.1	170	ug/Kg
608-93-5	Pentachlorobenzene	36	U	36	42.1	170	ug/Kg
120-12-7	Anthracene	1200		47	42.1	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	5.5	U	5.5	42.1	170	ug/Kg
86-74-8	Carbazole	60	U	60	81.7	330	ug/Kg
84-74-2	Di-n-butylphthalate	4100	E	56	42.1	170	ug/Kg
206-44-0	Fluoranthene	4100	E	45	81.7	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	A4E82	SDG No.:	BN101724
Lab Sample ID:	P4352-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.3	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034616.D	1	10/14/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1800		46	42.1	170	ug/Kg
85-68-7	Butylbenzylphthalate	1200		43	42.1	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	81.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	3300	E	39	42.1	170	ug/Kg
218-01-9	Chrysene	4900	E	46	42.1	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4700	E	43	42.1	170	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	81.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	4600	E	48	42.1	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	57	U	57	42.1	170	ug/Kg
50-32-8	Benzo(a)pyrene	1000		56	42.1	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	870		45	42.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2200		51	42.1	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	800		46	42.1	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51	U	51	42.1	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.231		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	18.804		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.083		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.654		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	17.818		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	20.677		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.887		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.709		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.528		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.449		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	21.472		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.963		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	21.916		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	A4E82	SDG No.:	BN101724
Lab Sample ID:	P4352-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.3 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034616.D	1	10/14/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.943		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	22.769		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	23.067		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.79		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	219222	7.663				
1146-65-2	Naphthalene-d8	878831	10.44				
15067-26-2	Acenaphthene-d10	490326	14.298				
1517-22-2	Phenanthrene-d10	921170	17.039				
1719-03-5	Chrysene-d12	784072	21.274				
1520-96-3	Perylene-d12	945467	24.163				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-50-1	Benzene, 1,2-dichloro-	5500	J			8.016	
001125-21-9	2,6,6-Trimethyl-2-cyclohexene-1,4-	120	J			9.687	
000643-58-3	1,1-Biphenyl, 2-methyl-	68	J			15.604	
000119-61-9	Benzophenone	300	J			15.663	
000057-10-3	n-Hexadecanoic acid	100	J			17.975	
000084-65-1	9,10-Anthracenedione	120	J			18.451	
031849-26-0	Triacontan-15-ol	95	J			25.445	
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	A4E82DL	SDG No.:	BN101724
Lab Sample ID:	P4352-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.3 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034617.D	5	10/14/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	59	U	59	32.7	330	ug/Kg
100-52-7	Benzaldehyde	240	U	240	410	1600	ug/Kg
110-86-1	Pyridine	59	U	59	820	1600	ug/Kg
108-95-2	Phenol	990	JD	220	410	1600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	5600	D	170	410	1600	ug/Kg
95-57-8	2-Chlorophenol	2600	D	110	210	840	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	5400	D	180	210	840	ug/Kg
67-72-1	Hexachloroethane	3700	D	79	210	840	ug/Kg
98-95-3	Nitrobenzene	1100	D	130	210	840	ug/Kg
78-59-1	Isophorone	4600	D	180	210	840	ug/Kg
88-75-5	2-Nitrophenol	1200	D	150	210	840	ug/Kg
105-67-9	2,4-Dimethylphenol	42	U	42	210	840	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	5300	D	150	210	840	ug/Kg
120-83-2	2,4-Dichlorophenol	2900	D	170	210	840	ug/Kg
91-20-3	Naphthalene	160	U	160	210	840	ug/Kg
106-47-8	4-Chloroaniline	220	U	220	210	1600	ug/Kg
87-68-3	Hexachlorobutadiene	3900	D	130	210	840	ug/Kg
105-60-2	Caprolactam	200	U	200	410	1600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100	D	180	210	840	ug/Kg
90-12-0	1-Methylnaphthalene	94	U	94	210	840	ug/Kg
91-57-6	2-Methylnaphthalene	1600	D	180	210	840	ug/Kg
77-47-4	Hexachlorocyclopentadiene	94	U	94	410	1600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4900	D	250	210	840	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200	D	240	210	840	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	A4E82DL	SDG No.:	BN101724
Lab Sample ID:	P4352-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.3 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034617.D	5	10/14/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	230	U	230	210	840	ug/Kg
91-58-7	2-Chloronaphthalene	220	U	220	210	840	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	210	840	ug/Kg
131-11-3	Dimethylphthalate	190	U	190	210	840	ug/Kg
606-20-2	2,6-Dinitrotoluene	6800	D	130	210	840	ug/Kg
208-96-8	Acenaphthylene	570	JD	230	210	840	ug/Kg
99-09-2	3-Nitroaniline	69	U	69	410	1600	ug/Kg
83-32-9	Acenaphthene	3300	D	250	210	840	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	410	1600	ug/Kg
100-02-7	4-Nitrophenol	2300	D	54	410	1600	ug/Kg
132-64-9	Dibenzofuran	200	U	200	210	840	ug/Kg
121-14-2	2,4-Dinitrotoluene	4300	D	64	210	840	ug/Kg
84-66-2	Diethylphthalate	200	U	200	210	840	ug/Kg
86-73-7	Fluorene	4900	D	290	210	840	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500	D	240	210	840	ug/Kg
100-01-6	4-Nitroaniline	79	U	79	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	840	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	220	210	840	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100	D	490	210	840	ug/Kg
118-74-1	Hexachlorobenzene	5900	D	250	210	840	ug/Kg
1912-24-9	Atrazine	54	U	54	410	1600	ug/Kg
87-86-5	Pentachlorophenol	5400	D	190	410	1600	ug/Kg
85-01-8	Phenanthrene	1300	D	260	210	840	ug/Kg
608-93-5	Pentachlorobenzene	180	U	180	210	840	ug/Kg
120-12-7	Anthracene	1200	D	230	210	840	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	28	U	28	210	840	ug/Kg
86-74-8	Carbazole	300	U	300	410	1600	ug/Kg
84-74-2	Di-n-butylphthalate	4400	D	280	210	840	ug/Kg
206-44-0	Fluoranthene	4000	D	220	410	840	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	A4E82DL	SDG No.:	BN101724
Lab Sample ID:	P4352-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.3 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034617.D	5	10/14/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1700	D	230	210	840	ug/Kg
85-68-7	Butylbenzylphthalate	1000	D	210	210	840	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	410	1600	ug/Kg
56-55-3	Benzo(a)anthracene	3200	D	190	210	840	ug/Kg
218-01-9	Chrysene	5000	D	230	210	840	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4800	D	210	210	840	ug/Kg
117-84-0	Di-n-octyl phthalate	210	U	210	410	1600	ug/Kg
205-99-2	Benzo(b)fluoranthene	4700	D	240	210	840	ug/Kg
207-08-9	Benzo(k)fluoranthene	290	U	290	210	840	ug/Kg
50-32-8	Benzo(a)pyrene	990	D	280	210	840	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	820	JD	220	210	840	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2100	D	260	210	840	ug/Kg
191-24-2	Benzo(g,h,i)perylene	740	JD	230	210	840	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	260	U	260	210	840	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.015		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	18.325		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.9		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.92		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	17.52		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	19.015		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.805		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.655		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.15		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.205		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	20.44		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.9		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	21.785		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	A4E82DL	SDG No.:	BN101724
Lab Sample ID:	P4352-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.3 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034617.D	5	10/14/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.375		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	22.125		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	21.34		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.25		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	281099	7.664				
1146-65-2	Naphthalene-d8	1180213	10.44				
15067-26-2	Acenaphthene-d10	700253	14.298				
1517-22-2	Phenanthrene-d10	1351774	17.039				
1719-03-5	Chrysene-d12	1256976	21.269				
1520-96-3	Perylene-d12	1409273	24.151				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-73-1	Benzene, 1,3-dichloro-	5700	JD			8.011	
E966796	Total Alkanes	230	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4E85	SDG No.:	BN101724
Lab Sample ID:	P4360-02	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
BN034618.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

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	1300		45	82.2	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	7300	E	35	82.2	330	ug/Kg
95-57-8	2-Chlorophenol	3400	E	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	7200	E	37	42.4	170	ug/Kg
67-72-1	Hexachloroethane	4900	E	16	42.4	170	ug/Kg
98-95-3	Nitrobenzene	1600		27	42.4	170	ug/Kg
78-59-1	Isophorone	6100	E	36	42.4	170	ug/Kg
88-75-5	2-Nitrophenol	2100		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	7200	E	31	42.4	170	ug/Kg
120-83-2	2,4-Dichlorophenol	4200	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	5400	E	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	1500		36	42.4	170	ug/Kg
90-12-0	1-Methylnaphthalene	19	U	19	42.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	2100		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	6900	E	50	42.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		49	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4E85	SDG No.:	BN101724
Lab Sample ID:	P4360-02	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
BN034618.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

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	9600	E	26	42.4	170	ug/Kg
208-96-8	Acenaphthylene	790		46	42.4	170	ug/Kg
99-09-2	3-Nitroaniline	14	U	14	82.2	330	ug/Kg
83-32-9	Acenaphthene	4200	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	3300		11	82.2	330	ug/Kg
132-64-9	Dibenzofuran	40	U	40	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	6200	E	13	42.4	170	ug/Kg
84-66-2	Diethylphthalate	41	U	41	42.4	170	ug/Kg
86-73-7	Fluorene	5700	E	58	42.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1800		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	1500		99	42.4	170	ug/Kg
118-74-1	Hexachlorobenzene	7400	E	50	42.4	170	ug/Kg
1912-24-9	Atrazine	11	U	11	82.2	330	ug/Kg
87-86-5	Pentachlorophenol	7700	E	38	82.2	330	ug/Kg
85-01-8	Phenanthrene	1600		53	42.4	170	ug/Kg
608-93-5	Pentachlorobenzene	36	U	36	42.4	170	ug/Kg
120-12-7	Anthracene	1500		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	5400	E	57	42.4	170	ug/Kg
206-44-0	Fluoranthene	5100	E	45	82.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4E85	SDG No.:	BN101724
Lab Sample ID:	P4360-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034618.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2400		46	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		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	4300	E	39	42.4	170	ug/Kg
218-01-9	Chrysene	6200	E	46	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	6200	E	43	42.4	170	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	5900	E	48	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1400		57	42.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		45	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3000	E	52	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		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	4.546		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	27.31		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.197		10-150		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.221		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	26.476		10-140		66	SPK: -40
4165-60-0	Nitrobenzene-d5	30.307		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.23		10-120		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.503		10-140		86	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.094		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.477		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	31.048		15-120		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.901		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	31.303		20-140		78	SPK: -40

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4E85	SDG No.:	BN101724
Lab Sample ID:	P4360-02	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
BN034618.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.552		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	30.744		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	32.894		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.341		10-140		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	213025	7.669				
1146-65-2	Naphthalene-d8	864324	10.44				
15067-26-2	Acenaphthene-d10	486258	14.298				
1517-22-2	Phenanthrene-d10	923539	17.045				
1719-03-5	Chrysene-d12	790760	21.274				
1520-96-3	Perylene-d12	949618	24.157				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-50-1	Benzene, 1,2-dichloro-	6900	J			8.016	
001125-21-9	2,6,6-Trimethyl-2-cyclohexene-1,4-	170	J			9.687	
000643-58-3	1,1-Biphenyl, 2-methyl-	87	J			15.604	
000119-61-9	Benzophenone	390	J			15.663	
000057-10-3	n-Hexadecanoic acid	130	J			17.975	
000084-65-1	9,10-Anthracenedione	150	J			18.451	
032624-67-2	10,18-Bisnorabieta-8,11,13-triene	70	J			18.81	
	(DEL) Alkane: Straight-Chain23.462	81	J			23.462	
	(DEL) Alkane: Straight-Chain25.357	79	J			25.357	
002004-39-9	1-Heptacosanol	150	J			25.445	
E966796	Total Alkanes	160				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4E85DL	SDG No.:	BN101724
Lab Sample ID:	P4360-02DL	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
BN034619.D	5	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

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	1300	JD	220	410	1600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	7900	D	170	410	1600	ug/Kg
95-57-8	2-Chlorophenol	3500	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	7400	D	180	210	850	ug/Kg
67-72-1	Hexachloroethane	5200	D	80	210	850	ug/Kg
98-95-3	Nitrobenzene	1600	D	130	210	850	ug/Kg
78-59-1	Isophorone	6600	D	180	210	850	ug/Kg
88-75-5	2-Nitrophenol	1800	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	7800	D	150	210	850	ug/Kg
120-83-2	2,4-Dichlorophenol	4300	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	5900	D	130	210	850	ug/Kg
105-60-2	Caprolactam	200	U	200	410	1600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500	D	180	210	850	ug/Kg
90-12-0	1-Methylnaphthalene	95	U	95	210	850	ug/Kg
91-57-6	2-Methylnaphthalene	2200	D	180	210	850	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	410	1600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	7200	D	250	210	850	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500	D	240	210	850	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4E85DL	SDG No.:	BN101724
Lab Sample ID:	P4360-02DL	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
BN034619.D	5	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

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	9200	D	130	210	850	ug/Kg
208-96-8	Acenaphthylene	820	JD	230	210	850	ug/Kg
99-09-2	3-Nitroaniline	70	U	70	410	1600	ug/Kg
83-32-9	Acenaphthene	4700	D	250	210	850	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	410	1600	ug/Kg
100-02-7	4-Nitrophenol	3100	D	55	410	1600	ug/Kg
132-64-9	Dibenzofuran	200	U	200	210	850	ug/Kg
121-14-2	2,4-Dinitrotoluene	5600	D	65	210	850	ug/Kg
84-66-2	Diethylphthalate	200	U	200	210	850	ug/Kg
86-73-7	Fluorene	6700	D	290	210	850	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2100	D	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	1500	D	490	210	850	ug/Kg
118-74-1	Hexachlorobenzene	8000	D	250	210	850	ug/Kg
1912-24-9	Atrazine	55	U	55	410	1600	ug/Kg
87-86-5	Pentachlorophenol	6900	D	190	410	1600	ug/Kg
85-01-8	Phenanthrene	1700	D	260	210	850	ug/Kg
608-93-5	Pentachlorobenzene	180	U	180	210	850	ug/Kg
120-12-7	Anthracene	1600	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	6100	D	280	210	850	ug/Kg
206-44-0	Fluoranthene	5800	D	220	410	850	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4E85DL	SDG No.:	BN101724
Lab Sample ID:	P4360-02DL	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
BN034619.D	5	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2500	D	230	210	850	ug/Kg
85-68-7	Butylbenzylphthalate	1400	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	4600	D	190	210	850	ug/Kg
218-01-9	Chrysene	7100	D	230	210	850	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	6500	D	210	210	850	ug/Kg
117-84-0	Di-n-octyl phthalate	210	U	210	410	1600	ug/Kg
205-99-2	Benzo(b)fluoranthene	6300	D	240	210	850	ug/Kg
207-08-9	Benzo(k)fluoranthene	290	U	290	210	850	ug/Kg
50-32-8	Benzo(a)pyrene	1400	D	280	210	850	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100	D	220	210	850	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3000	D	260	210	850	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000	D	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	4.525		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	27.07		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.63		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.02		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	25.51		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	29.385		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.07		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.215		10-140		86	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.085		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.575		10-145		79	SPK: -40
93951-97-4	Acenaphthylene-d8	32.66		15-120		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.97		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	32.16		20-140		80	SPK: -40

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4E85DL	SDG No.:	BN101724
Lab Sample ID:	P4360-02DL	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
BN034619.D	5	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.01		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	31.915		10-150		80	SPK: -40
1718-52-1	Pyrene-d10	34		10-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.825		10-140		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	205325	7.663				
1146-65-2	Naphthalene-d8	807666	10.44				
15067-26-2	Acenaphthene-d10	440565	14.298				
1517-22-2	Phenanthrene-d10	818352	17.039				
1719-03-5	Chrysene-d12	715508	21.269				
1520-96-3	Perylene-d12	850178	24.151				
TENTATIVE IDENTIFIED COMPOUNDS							
000106-46-7	Benzene, 1,4-dichloro-	6800	JD			8.01	
000119-61-9	Benzophenone	390	JD			15.663	
E966796	Total Alkanes	230	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FD0	SDG No.:	BN101724
Lab Sample ID:	P4352-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034620.D	1	10/14/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	9.3	94	ug/Kg
100-52-7	Benzaldehyde	67	U	67	120	460	ug/Kg
110-86-1	Pyridine	17	U	17	230	460	ug/Kg
108-95-2	Phenol	65	J	63	120	460	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	120	460	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	59.6	240	ug/Kg
95-48-7	2-Methylphenol	55	U	55	120	460	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	41	U	41	120	460	ug/Kg
98-86-2	Acetophenone	83	U	83	120	460	ug/Kg
106-44-5	4-Methylphenol	58	U	58	120	460	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	52	U	52	59.6	240	ug/Kg
67-72-1	Hexachloroethane	22	U	22	59.6	240	ug/Kg
98-95-3	Nitrobenzene	38	U	38	59.6	240	ug/Kg
78-59-1	Isophorone	50	U	50	59.6	240	ug/Kg
88-75-5	2-Nitrophenol	42	U	42	59.6	240	ug/Kg
105-67-9	2,4-Dimethylphenol	12	U	12	59.6	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	59.6	240	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	59.6	240	ug/Kg
91-20-3	Naphthalene	46	U	46	59.6	240	ug/Kg
106-47-8	4-Chloroaniline	62	U	62	59.6	460	ug/Kg
87-68-3	Hexachlorobutadiene	36	U	36	59.6	240	ug/Kg
105-60-2	Caprolactam	56	U	56	120	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	59.6	240	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	59.6	240	ug/Kg
91-57-6	2-Methylnaphthalene	52	U	52	59.6	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	27	U	27	120	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	70	U	70	59.6	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	69	U	69	59.6	240	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FD0	SDG No.:	BN101724
Lab Sample ID:	P4352-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034620.D	1	10/14/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	65	U	65	59.6	240	ug/Kg
91-58-7	2-Chloronaphthalene	62	U	62	59.6	240	ug/Kg
88-74-4	2-Nitroaniline	31	U	31	59.6	240	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	59.6	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	36	U	36	59.6	240	ug/Kg
208-96-8	Acenaphthylene	65	U	65	59.6	240	ug/Kg
99-09-2	3-Nitroaniline	20	U	20	120	460	ug/Kg
83-32-9	Acenaphthene	70	U	70	59.6	240	ug/Kg
51-28-5	2,4-Dinitrophenol	45	U	45	120	460	ug/Kg
100-02-7	4-Nitrophenol	15	U	15	120	460	ug/Kg
132-64-9	Dibenzofuran	56	U	56	59.6	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	18	U	18	59.6	240	ug/Kg
84-66-2	Diethylphthalate	58	U	58	59.6	240	ug/Kg
86-73-7	Fluorene	81	U	81	59.6	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	67	U	67	59.6	240	ug/Kg
100-01-6	4-Nitroaniline	22	U	22	120	460	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	55	U	55	120	460	ug/Kg
86-30-6	N-Nitrosodiphenylamine	63	U	63	59.6	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63	U	63	59.6	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	140	59.6	240	ug/Kg
118-74-1	Hexachlorobenzene	70	U	70	59.6	240	ug/Kg
1912-24-9	Atrazine	15	U	15	120	460	ug/Kg
87-86-5	Pentachlorophenol	53	U	53	120	460	ug/Kg
85-01-8	Phenanthrene	74	U	74	59.6	240	ug/Kg
608-93-5	Pentachlorobenzene	50	U	50	59.6	240	ug/Kg
120-12-7	Anthracene	66	U	66	59.6	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.9	U	7.9	59.6	240	ug/Kg
86-74-8	Carbazole	86	U	86	120	460	ug/Kg
84-74-2	Di-n-butylphthalate	80	U	80	59.6	240	ug/Kg
206-44-0	Fluoranthene	63	U	63	120	240	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FD0	SDG No.:	BN101724
Lab Sample ID:	P4352-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.7
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034620.D	1	10/14/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	65	U	65	59.6	240	ug/Kg
85-68-7	Butylbenzylphthalate	60	U	60	59.6	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	35	U	35	120	460	ug/Kg
56-55-3	Benzo(a)anthracene	55	U	55	59.6	240	ug/Kg
218-01-9	Chrysene	65	U	65	59.6	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60	U	60	59.6	240	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	60	120	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	67	U	67	59.6	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	81	U	81	59.6	240	ug/Kg
50-32-8	Benzo(a)pyrene	80	U	80	59.6	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	63	U	63	59.6	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	73	U	73	59.6	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	65	U	65	59.6	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	73	U	73	59.6	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.203		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	24.205		20-120		61	SPK: -40
4165-62-2	Phenol-d5	27.675		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.061		10-150		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.042		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	27.419		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	30.815		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.465		10-120		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.741		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.347		1-145		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.04		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	30.672		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.6		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	30.076		20-140		75	SPK: -40

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FD0	SDG No.:	BN101724
Lab Sample ID:	P4352-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034620.D	1	10/14/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.408		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	31.345		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	32.622		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.494		10-140		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	234660	7.663				
1146-65-2	Naphthalene-d8	923443	10.434				
15067-26-2	Acenaphthene-d10	501328	14.298				
1517-22-2	Phenanthrene-d10	906169	17.039				
1719-03-5	Chrysene-d12	776630	21.269				
1520-96-3	Perylene-d12	919246	24.157				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	170	J			15.663	
000057-10-3	n-Hexadecanoic acid	170	J			17.975	
1000282-98-2	Dichloroacetic acid, heptadecyl es	150	J			20.998	
E966796	Total Alkanes	65	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FD0MS	SDG No.:	BN101724
Lab Sample ID:	P4352-05MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.7
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
BN034621.D	1	10/14/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	640		17	9.2	93	ug/Kg
100-52-7	Benzaldehyde	970		67	120	460	ug/Kg
110-86-1	Pyridine	1600		17	230	460	ug/Kg
108-95-2	Phenol	1700		63	120	460	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1700		49	120	460	ug/Kg
95-57-8	2-Chlorophenol	1700		31	59.5	240	ug/Kg
95-48-7	2-Methylphenol	1600		55	120	460	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		41	120	460	ug/Kg
98-86-2	Acetophenone	1600		83	120	460	ug/Kg
106-44-5	4-Methylphenol	1600		57	120	460	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1600		52	59.5	240	ug/Kg
67-72-1	Hexachloroethane	1700		22	59.5	240	ug/Kg
98-95-3	Nitrobenzene	1800		38	59.5	240	ug/Kg
78-59-1	Isophorone	1700		50	59.5	240	ug/Kg
88-75-5	2-Nitrophenol	1900		42	59.5	240	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		12	59.5	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1700		43	59.5	240	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		48	59.5	240	ug/Kg
91-20-3	Naphthalene	1700		46	59.5	240	ug/Kg
106-47-8	4-Chloroaniline	1100		62	59.5	460	ug/Kg
87-68-3	Hexachlorobutadiene	1700		36	59.5	240	ug/Kg
105-60-2	Caprolactam	1600		56	120	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		50	59.5	240	ug/Kg
90-12-0	1-Methylnaphthalene	1600		27	59.5	240	ug/Kg
91-57-6	2-Methylnaphthalene	1700		52	59.5	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1500		27	120	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		70	59.5	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		69	59.5	240	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FD0MS	SDG No.:	BN101724
Lab Sample ID:	P4352-05MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.7
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
BN034621.D	1	10/14/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1700		64	59.5	240	ug/Kg
91-58-7	2-Chloronaphthalene	1700		62	59.5	240	ug/Kg
88-74-4	2-Nitroaniline	1900		31	59.5	240	ug/Kg
131-11-3	Dimethylphthalate	1700		53	59.5	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		36	59.5	240	ug/Kg
208-96-8	Acenaphthylene	1700		64	59.5	240	ug/Kg
99-09-2	3-Nitroaniline	1600		20	120	460	ug/Kg
83-32-9	Acenaphthene	1700		70	59.5	240	ug/Kg
51-28-5	2,4-Dinitrophenol	1600		45	120	460	ug/Kg
100-02-7	4-Nitrophenol	1800		15	120	460	ug/Kg
132-64-9	Dibenzofuran	1700		56	59.5	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	2000		18	59.5	240	ug/Kg
84-66-2	Diethylphthalate	1700		57	59.5	240	ug/Kg
86-73-7	Fluorene	1700		81	59.5	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		67	59.5	240	ug/Kg
100-01-6	4-Nitroaniline	1900		22	120	460	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		55	120	460	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1700		63	59.5	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		63	59.5	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		140	59.5	240	ug/Kg
118-74-1	Hexachlorobenzene	1700		70	59.5	240	ug/Kg
1912-24-9	Atrazine	1400		15	120	460	ug/Kg
87-86-5	Pentachlorophenol	1700		53	120	460	ug/Kg
85-01-8	Phenanthrene	1700		74	59.5	240	ug/Kg
608-93-5	Pentachlorobenzene	1700		50	59.5	240	ug/Kg
120-12-7	Anthracene	1700		66	59.5	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1700		7.8	59.5	240	ug/Kg
86-74-8	Carbazole	1800		85	120	460	ug/Kg
84-74-2	Di-n-butylphthalate	1800		80	59.5	240	ug/Kg
206-44-0	Fluoranthene	1700		63	120	240	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FD0MS	SDG No.:	BN101724
Lab Sample ID:	P4352-05MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.7
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034621.D	1	10/14/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1700		64	59.5	240	ug/Kg
85-68-7	Butylbenzylphthalate	2000		60	59.5	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600		35	120	460	ug/Kg
56-55-3	Benzo(a)anthracene	1800		55	59.5	240	ug/Kg
218-01-9	Chrysene	1700		64	59.5	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1900		60	59.5	240	ug/Kg
117-84-0	Di-n-octyl phthalate	1900		60	120	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		67	59.5	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	1800		81	59.5	240	ug/Kg
50-32-8	Benzo(a)pyrene	1800		80	59.5	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		63	59.5	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		73	59.5	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1800		64	59.5	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		73	59.5	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.641		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	22.003		20-120		55	SPK: -40
4165-62-2	Phenol-d5	25.534		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.457		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.354		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	25.509		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	27.89		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.271		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.938		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.134		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.131		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	27.085		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.537		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	27.052		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FD0MS	SDG No.:	BN101724
Lab Sample ID:	P4352-05MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.7
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
BN034621.D	1	10/14/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.026		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	27.908		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	28.568		10-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.396		10-140		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	242240	7.664				
1146-65-2	Naphthalene-d8	993616	10.44				
15067-26-2	Acenaphthene-d10	567566	14.299				
1517-22-2	Phenanthrene-d10	1072675	17.04				
1719-03-5	Chrysene-d12	945014	21.269				
1520-96-3	Perylene-d12	1077150	24.157				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	64	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FD0MSD	SDG No.:	BN101724
Lab Sample ID:	P4352-06MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.7
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034622.D	1	10/14/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	630		17	9.2	93	ug/Kg
100-52-7	Benzaldehyde	930		67	120	460	ug/Kg
110-86-1	Pyridine	1500		17	230	460	ug/Kg
108-95-2	Phenol	1600		63	120	460	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1600		49	120	460	ug/Kg
95-57-8	2-Chlorophenol	1600		31	59.4	240	ug/Kg
95-48-7	2-Methylphenol	1500		55	120	460	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		41	120	460	ug/Kg
98-86-2	Acetophenone	1500		83	120	460	ug/Kg
106-44-5	4-Methylphenol	1500		57	120	460	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1500		52	59.4	240	ug/Kg
67-72-1	Hexachloroethane	1600		22	59.4	240	ug/Kg
98-95-3	Nitrobenzene	1700		38	59.4	240	ug/Kg
78-59-1	Isophorone	1600		50	59.4	240	ug/Kg
88-75-5	2-Nitrophenol	1800		42	59.4	240	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		12	59.4	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1600		43	59.4	240	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		48	59.4	240	ug/Kg
91-20-3	Naphthalene	1600		46	59.4	240	ug/Kg
106-47-8	4-Chloroaniline	1000		62	59.4	460	ug/Kg
87-68-3	Hexachlorobutadiene	1700		36	59.4	240	ug/Kg
105-60-2	Caprolactam	1500		56	120	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		50	59.4	240	ug/Kg
90-12-0	1-Methylnaphthalene	1500		27	59.4	240	ug/Kg
91-57-6	2-Methylnaphthalene	1600		52	59.4	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1500		27	120	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		70	59.4	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		69	59.4	240	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FD0MSD	SDG No.:	BN101724
Lab Sample ID:	P4352-06MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.7
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034622.D	1	10/14/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1700		64	59.4	240	ug/Kg
91-58-7	2-Chloronaphthalene	1700		62	59.4	240	ug/Kg
88-74-4	2-Nitroaniline	1800		31	59.4	240	ug/Kg
131-11-3	Dimethylphthalate	1600		53	59.4	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		36	59.4	240	ug/Kg
208-96-8	Acenaphthylene	1700		64	59.4	240	ug/Kg
99-09-2	3-Nitroaniline	1600		20	120	460	ug/Kg
83-32-9	Acenaphthene	1600		70	59.4	240	ug/Kg
51-28-5	2,4-Dinitrophenol	1400		45	120	460	ug/Kg
100-02-7	4-Nitrophenol	1700		15	120	460	ug/Kg
132-64-9	Dibenzofuran	1600		56	59.4	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		18	59.4	240	ug/Kg
84-66-2	Diethylphthalate	1600		57	59.4	240	ug/Kg
86-73-7	Fluorene	1600		81	59.4	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		67	59.4	240	ug/Kg
100-01-6	4-Nitroaniline	1800		22	120	460	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		55	120	460	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1700		63	59.4	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		63	59.4	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		140	59.4	240	ug/Kg
118-74-1	Hexachlorobenzene	1600		70	59.4	240	ug/Kg
1912-24-9	Atrazine	1300		15	120	460	ug/Kg
87-86-5	Pentachlorophenol	1600		53	120	460	ug/Kg
85-01-8	Phenanthrene	1700		74	59.4	240	ug/Kg
608-93-5	Pentachlorobenzene	1700		50	59.4	240	ug/Kg
120-12-7	Anthracene	1600		66	59.4	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1800		7.8	59.4	240	ug/Kg
86-74-8	Carbazole	1700		85	120	460	ug/Kg
84-74-2	Di-n-butylphthalate	1700		80	59.4	240	ug/Kg
206-44-0	Fluoranthene	1700		63	120	240	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FD0MSD	SDG No.:	BN101724
Lab Sample ID:	P4352-06MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.7
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034622.D	1	10/14/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1700		64	59.4	240	ug/Kg
85-68-7	Butylbenzylphthalate	1900		60	59.4	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600		35	120	460	ug/Kg
56-55-3	Benzo(a)anthracene	1700		55	59.4	240	ug/Kg
218-01-9	Chrysene	1700		64	59.4	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		60	59.4	240	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		60	120	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		67	59.4	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		81	59.4	240	ug/Kg
50-32-8	Benzo(a)pyrene	1700		80	59.4	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		63	59.4	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		73	59.4	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1800		64	59.4	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		73	59.4	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.41		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	21.053		20-120		53	SPK: -40
4165-62-2	Phenol-d5	23.466		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.217		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.912		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	23.052		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	27.125		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.164		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.624		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.856		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.28		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	26.035		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.803		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	25.48		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FD0MSD	SDG No.:	BN101724
Lab Sample ID:	P4352-06MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.7
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034622.D	1	10/14/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.526		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	26.347		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	27.516		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.005		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	233019	7.663				
1146-65-2	Naphthalene-d8	912554	10.44				
15067-26-2	Acenaphthene-d10	490776	14.298				
1517-22-2	Phenanthrene-d10	892974	17.039				
1719-03-5	Chrysene-d12	758676	21.269				
1520-96-3	Perylene-d12	878777	24.151				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	64	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX9	SDG No.:	BN101724
Lab Sample ID:	P4346-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	68.7
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034623.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	38	U	38	21.1	210	ug/Kg
100-52-7	Benzaldehyde	150	U	150	260	1100	ug/Kg
110-86-1	Pyridine	38	U	38	530	1100	ug/Kg
108-95-2	Phenol	140	U	140	260	1100	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	110	U	110	260	1100	ug/Kg
95-57-8	2-Chlorophenol	70	U	70	140	540	ug/Kg
95-48-7	2-Methylphenol	120	U	120	260	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	93	U	93	260	1100	ug/Kg
98-86-2	Acetophenone	190	U	190	260	1100	ug/Kg
106-44-5	4-Methylphenol	130	U	130	260	1100	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	120	U	120	140	540	ug/Kg
67-72-1	Hexachloroethane	51	U	51	140	540	ug/Kg
98-95-3	Nitrobenzene	86	U	86	140	540	ug/Kg
78-59-1	Isophorone	120	U	120	140	540	ug/Kg
88-75-5	2-Nitrophenol	96	U	96	140	540	ug/Kg
105-67-9	2,4-Dimethylphenol	27	U	27	140	540	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	99	U	99	140	540	ug/Kg
120-83-2	2,4-Dichlorophenol	110	U	110	140	540	ug/Kg
91-20-3	Naphthalene	110	U	110	140	540	ug/Kg
106-47-8	4-Chloroaniline	140	U	140	140	1100	ug/Kg
87-68-3	Hexachlorobutadiene	83	U	83	140	540	ug/Kg
105-60-2	Caprolactam	130	U	130	260	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	140	540	ug/Kg
90-12-0	1-Methylnaphthalene	61	U	61	140	540	ug/Kg
91-57-6	2-Methylnaphthalene	120	U	120	140	540	ug/Kg
77-47-4	Hexachlorocyclopentadiene	61	U	61	260	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	160	U	160	140	540	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	U	160	140	540	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX9	SDG No.:	BN101724
Lab Sample ID:	P4346-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	68.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034623.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	150	U	150	140	540	ug/Kg
91-58-7	2-Chloronaphthalene	140	U	140	140	540	ug/Kg
88-74-4	2-Nitroaniline	70	U	70	140	540	ug/Kg
131-11-3	Dimethylphthalate	120	U	120	140	540	ug/Kg
606-20-2	2,6-Dinitrotoluene	83	U	83	140	540	ug/Kg
208-96-8	Acenaphthylene	150	U	150	140	540	ug/Kg
99-09-2	3-Nitroaniline	45	U	45	260	1100	ug/Kg
83-32-9	Acenaphthene	160	U	160	140	540	ug/Kg
51-28-5	2,4-Dinitrophenol	100	U	100	260	1100	ug/Kg
100-02-7	4-Nitrophenol	35	U	35	260	1100	ug/Kg
132-64-9	Dibenzofuran	130	U	130	140	540	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	140	540	ug/Kg
84-66-2	Diethylphthalate	130	U	130	140	540	ug/Kg
86-73-7	Fluorene	190	U	190	140	540	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	150	U	150	140	540	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	260	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	260	1100	ug/Kg
86-30-6	N-Nitrosodiphenylamine	140	U	140	140	540	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	140	540	ug/Kg
101-55-3	4-Bromophenyl-phenylether	320	U	320	140	540	ug/Kg
118-74-1	Hexachlorobenzene	160	U	160	140	540	ug/Kg
1912-24-9	Atrazine	35	U	35	260	1100	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	260	1100	ug/Kg
85-01-8	Phenanthrene	170	U	170	140	540	ug/Kg
608-93-5	Pentachlorobenzene	120	U	120	140	540	ug/Kg
120-12-7	Anthracene	150	U	150	140	540	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	140	540	ug/Kg
86-74-8	Carbazole	190	U	190	260	1100	ug/Kg
84-74-2	Di-n-butylphthalate	180	U	180	140	540	ug/Kg
206-44-0	Fluoranthene	140	U	140	260	540	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX9	SDG No.:	BN101724
Lab Sample ID:	P4346-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	68.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034623.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	150	U	150	140	540	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	140	540	ug/Kg
91-94-1	3,3-Dichlorobenzidine	80	U	80	260	1100	ug/Kg
56-55-3	Benzo(a)anthracene	120	U	120	140	540	ug/Kg
218-01-9	Chrysene	150	U	150	140	540	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	140	540	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	260	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	U	150	140	540	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	U	190	140	540	ug/Kg
50-32-8	Benzo(a)pyrene	180	U	180	140	540	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	140	140	540	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	U	170	140	540	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	U	150	140	540	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	170	U	170	140	540	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.599		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	17.784		20-120		44	SPK: -40
4165-62-2	Phenol-d5	19.352		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.861		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.412		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	19.984		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	20.349		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.665		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.882		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.679		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.142		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	21.007		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.835		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	21.481		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX9	SDG No.:	BN101724
Lab Sample ID:	P4346-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	68.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034623.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.199		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	22.214		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	22.97		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.466		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	224139	7.663				
1146-65-2	Naphthalene-d8	949462	10.439				
15067-26-2	Acenaphthene-d10	555165	14.298				
1517-22-2	Phenanthrene-d10	1073913	17.039				
1719-03-5	Chrysene-d12	955062	21.262				
1520-96-3	Perylene-d12	1112009	24.15				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	750	J			15.663	
000057-10-3	n-Hexadecanoic acid	210	J			17.968	
E966796	Total Alkanes	150	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	SLCS147	SDG No.:	BN101724
Lab Sample ID:	PB164147BS	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
BN034624.D	1	10/14/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	340		12	6.6	67	ug/Kg
100-52-7	Benzaldehyde	790		48	82.5	330	ug/Kg
110-86-1	Pyridine	840		12	170	330	ug/Kg
108-95-2	Phenol	880		45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	870		35	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	920		22	42.5	170	ug/Kg
95-48-7	2-Methylphenol	850		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	870		29	82.5	330	ug/Kg
98-86-2	Acetophenone	860		59	82.5	330	ug/Kg
106-44-5	4-Methylphenol	850		41	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	840		37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	910		16	42.5	170	ug/Kg
98-95-3	Nitrobenzene	950		27	42.5	170	ug/Kg
78-59-1	Isophorone	890		36	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	990		30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	760		8.5	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	900		31	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	940		34	42.5	170	ug/Kg
91-20-3	Naphthalene	920		33	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	690		44	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	920		26	42.5	170	ug/Kg
105-60-2	Caprolactam	860		40	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	900		36	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	870		19	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	890		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	790		19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	940		50	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	960		49	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	SLCS147	SDG No.:	BN101724
Lab Sample ID:	PB164147BS	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
BN034624.D	1	10/14/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	940		46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	950		44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1000		22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	920		38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	940		46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	940		14	82.5	330	ug/Kg
83-32-9	Acenaphthene	910		50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	770		32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	960		11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	920		40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	920		41	42.5	170	ug/Kg
86-73-7	Fluorene	920		58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	910		48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1000		16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	850		39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	950		45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	960		45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	950		99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	920		50	42.5	170	ug/Kg
1912-24-9	Atrazine	590		11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	800		38	82.5	330	ug/Kg
85-01-8	Phenanthrene	940		53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	910		36	42.5	170	ug/Kg
120-12-7	Anthracene	920		47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	950		5.6	42.5	170	ug/Kg
86-74-8	Carbazole	980		61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	950		57	42.5	170	ug/Kg
206-44-0	Fluoranthene	960		45	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	SLCS147	SDG No.:	BN101724
Lab Sample ID:	PB164147BS	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
BN034624.D	1	10/14/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	960		46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1000		43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	930		25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	970		39	42.5	170	ug/Kg
218-01-9	Chrysene	960		46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	970		43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	950		48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	970		58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	940		57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	970		45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	980		52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	980		46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	910		52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.223		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	25.226		20-120		63	SPK: -40
4165-62-2	Phenol-d5	25.725		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.135		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.047		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	25.262		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	28.742		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.143		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.958		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.585		1-145		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.188		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	27.334		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.716		10-150		69	SPK: -40
81103-79-9	Fluorene-d10	27.343		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	SLCS147	SDG No.:	BN101724
Lab Sample ID:	PB164147BS	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
BN034624.D	1	10/14/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.61		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	27.73		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	28.786		10-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.537		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	234984	7.664				
1146-65-2	Naphthalene-d8	942599	10.44				
15067-26-2	Acenaphthene-d10	529790	14.298				
1517-22-2	Phenanthrene-d10	984743	17.04				
1719-03-5	Chrysene-d12	858134	21.269				
1520-96-3	Perylene-d12	995779	24.151				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	SBLK165	SDG No.:	BN101724
Lab Sample ID:	PB164165BL	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
BN034626.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

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:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	SBLK165	SDG No.:	BN101724
Lab Sample ID:	PB164165BL	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
BN034626.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

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:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	SBLK165	SDG No.:	BN101724
Lab Sample ID:	PB164165BL	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
BN034626.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

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	5.751		15-120		72	SPK: -8
7291-22-7	Pyridine-d5	25.861		20-120		65	SPK: -40
4165-62-2	Phenol-d5	25.834		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.677		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.246		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	24.916		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	28.918		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.009		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.219		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.365		1-145		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.14		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	28.276		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.72		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	27.164		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	SBLK165	SDG No.:	BN101724
Lab Sample ID:	PB164165BL	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
BN034626.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.984		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	28.524		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	29.799		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.679		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	232216	7.663				
1146-65-2	Naphthalene-d8	905405	10.44				
15067-26-2	Acenaphthene-d10	491981	14.298				
1517-22-2	Phenanthrene-d10	885672	17.039				
1719-03-5	Chrysene-d12	738933	21.263				
1520-96-3	Perylene-d12	874915	24.151				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	SBLK170	SDG No.:	BN101724
Lab Sample ID:	PB164170BL	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
BN034627.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164170

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:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	SBLK170	SDG No.:	BN101724
Lab Sample ID:	PB164170BL	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
BN034627.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164170

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:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	SBLK170	SDG No.:	BN101724
Lab Sample ID:	PB164170BL	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
BN034627.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164170

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	5.423		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	26.352		20-120		66	SPK: -40
4165-62-2	Phenol-d5	25.864		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.919		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.018		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	25.159		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	28.804		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.799		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.139		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.146		1-145		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.901		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	28.416		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.81		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	27.943		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	SBLK170	SDG No.:	BN101724
Lab Sample ID:	PB164170BL	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
BN034627.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.918		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	29.156		10-150		73	SPK: -40
1718-52-1	Pyrene-d10	30.756		10-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.806		10-140		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	220469	7.663				
1146-65-2	Naphthalene-d8	858689	10.44				
15067-26-2	Acenaphthene-d10	461069	14.292				
1517-22-2	Phenanthrene-d10	828588	17.039				
1719-03-5	Chrysene-d12	699695	21.263				
1520-96-3	Perylene-d12	837771	24.157				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FC7	SDG No.:	BN101724
Lab Sample ID:	P4360-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034628.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.6	87	ug/Kg
100-52-7	Benzaldehyde	62	U	62	110	430	ug/Kg
110-86-1	Pyridine	16	U	16	210	430	ug/Kg
108-95-2	Phenol	59	U	59	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	110	430	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	55.3	220	ug/Kg
95-48-7	2-Methylphenol	51	U	51	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	38	U	38	110	430	ug/Kg
98-86-2	Acetophenone	79	J	77	110	430	ug/Kg
106-44-5	4-Methylphenol	53	U	53	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	48	U	48	55.3	220	ug/Kg
67-72-1	Hexachloroethane	21	U	21	55.3	220	ug/Kg
98-95-3	Nitrobenzene	35	U	35	55.3	220	ug/Kg
78-59-1	Isophorone	47	U	47	55.3	220	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	55.3	220	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	55.3	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	40	U	40	55.3	220	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	55.3	220	ug/Kg
91-20-3	Naphthalene	43	U	43	55.3	220	ug/Kg
106-47-8	4-Chloroaniline	57	U	57	55.3	430	ug/Kg
87-68-3	Hexachlorobutadiene	34	U	34	55.3	220	ug/Kg
105-60-2	Caprolactam	52	U	52	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	55.3	220	ug/Kg
90-12-0	1-Methylnaphthalene	25	U	25	55.3	220	ug/Kg
91-57-6	2-Methylnaphthalene	48	U	48	55.3	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	25	U	25	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	65	U	65	55.3	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	64	U	64	55.3	220	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FC7	SDG No.:	BN101724
Lab Sample ID:	P4360-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.4
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
BN034628.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	60	U	60	55.3	220	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	57	55.3	220	ug/Kg
88-74-4	2-Nitroaniline	29	U	29	55.3	220	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	55.3	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	34	U	34	55.3	220	ug/Kg
208-96-8	Acenaphthylene	60	U	60	55.3	220	ug/Kg
99-09-2	3-Nitroaniline	18	U	18	110	430	ug/Kg
83-32-9	Acenaphthene	65	U	65	55.3	220	ug/Kg
51-28-5	2,4-Dinitrophenol	42	U	42	110	430	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	110	430	ug/Kg
132-64-9	Dibenzofuran	52	U	52	55.3	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	17	U	17	55.3	220	ug/Kg
84-66-2	Diethylphthalate	53	U	53	55.3	220	ug/Kg
86-73-7	Fluorene	75	U	75	55.3	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	62	U	62	55.3	220	ug/Kg
100-01-6	4-Nitroaniline	21	U	21	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	51	U	51	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	59	U	59	55.3	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	55.3	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	55.3	220	ug/Kg
118-74-1	Hexachlorobenzene	65	U	65	55.3	220	ug/Kg
1912-24-9	Atrazine	14	U	14	110	430	ug/Kg
87-86-5	Pentachlorophenol	49	U	49	110	430	ug/Kg
85-01-8	Phenanthrene	81	J	69	55.3	220	ug/Kg
608-93-5	Pentachlorobenzene	47	U	47	55.3	220	ug/Kg
120-12-7	Anthracene	61	U	61	55.3	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.3	U	7.3	55.3	220	ug/Kg
86-74-8	Carbazole	79	U	79	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	55.3	220	ug/Kg
206-44-0	Fluoranthene	130	J	59	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FC7	SDG No.:	BN101724
Lab Sample ID:	P4360-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034628.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	81	J	60	55.3	220	ug/Kg
85-68-7	Butylbenzylphthalate	56	U	56	55.3	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	33	U	33	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	53	J	51	55.3	220	ug/Kg
218-01-9	Chrysene	62	J	60	55.3	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56	U	56	55.3	220	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	73	J	62	55.3	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	75	U	75	55.3	220	ug/Kg
50-32-8	Benzo(a)pyrene	74	U	74	55.3	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	59	U	59	55.3	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	68	U	68	55.3	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	60	U	60	55.3	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	68	U	68	55.3	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.109		15-120		26	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	10.586		10-130		26	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.625		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.804		15-120		30	SPK: -40
190780-66-6	4-Methylphenol-d8	7.512		10-140		19	SPK: -40
4165-60-0	Nitrobenzene-d5	12.683		10-135		32	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.33		10-120		28	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.281		10-140		28	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.258		1-145		18	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.558		10-145		34	SPK: -40
93951-97-4	Acenaphthylene-d8	13.371		15-120		33	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.247		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	14.106		20-140		35	SPK: -40

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FC7	SDG No.:	BN101724
Lab Sample ID:	P4360-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.4
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
BN034628.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.629		10-130		12	SPK: -40
1719-06-8	Anthracene-d10	12.734		10-150		32	SPK: -40
1718-52-1	Pyrene-d10	12.034		10-130		30	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	8.046		10-140		20	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	231807	7.663				
1146-65-2	Naphthalene-d8	918101	10.44				
15067-26-2	Acenaphthene-d10	510949	14.298				
1517-22-2	Phenanthrene-d10	976163	17.039				
1719-03-5	Chrysene-d12	872890	21.263				
1520-96-3	Perylene-d12	1003155	24.151				
TENTATIVE IDENTIFIED COMPOUNDS							
002597-49-1	Cyclobutane, ethenyl-	460	J			3.028	
000119-61-9	Benzophenone	95	J			15.663	
1000197-14-1	4b,8-Dimethyl-2-isopropylphenanthr	140	J			18.686	
E966796	Total Alkanes	60	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FC8	SDG No.:	BN101724
Lab Sample ID:	P4360-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.8
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
BN034629.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.2	83	ug/Kg
100-52-7	Benzaldehyde	60	U	60	100	410	ug/Kg
110-86-1	Pyridine	15	U	15	210	410	ug/Kg
108-95-2	Phenol	59	J	56	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	100	410	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	53	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	100	410	ug/Kg
98-86-2	Acetophenone	210	J	74	100	410	ug/Kg
106-44-5	4-Methylphenol	51	U	51	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	46	U	46	53	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	53	210	ug/Kg
98-95-3	Nitrobenzene	34	U	34	53	210	ug/Kg
78-59-1	Isophorone	45	U	45	53	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	53	210	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	53	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	39	U	39	53	210	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	53	210	ug/Kg
91-20-3	Naphthalene	41	U	41	53	210	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	53	410	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	53	210	ug/Kg
105-60-2	Caprolactam	50	U	50	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	53	210	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	53	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	53	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	24	U	24	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	53	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	61	U	61	53	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FC8	SDG No.:	BN101724
Lab Sample ID:	P4360-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.8
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
BN034629.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	53	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	53	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	53	210	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	53	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	53	210	ug/Kg
208-96-8	Acenaphthylene	57	U	57	53	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	410	ug/Kg
83-32-9	Acenaphthene	62	U	62	53	210	ug/Kg
51-28-5	2,4-Dinitrophenol	40	U	40	100	410	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	410	ug/Kg
132-64-9	Dibenzofuran	50	U	50	53	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	53	210	ug/Kg
84-66-2	Diethylphthalate	51	U	51	53	210	ug/Kg
86-73-7	Fluorene	72	U	72	53	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	53	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	56	U	56	53	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	53	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	53	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	53	210	ug/Kg
1912-24-9	Atrazine	14	U	14	100	410	ug/Kg
87-86-5	Pentachlorophenol	47	U	47	100	410	ug/Kg
85-01-8	Phenanthrene	270		66	53	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	53	210	ug/Kg
120-12-7	Anthracene	59	U	59	53	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7	U	7	53	210	ug/Kg
86-74-8	Carbazole	76	U	76	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	71	U	71	53	210	ug/Kg
206-44-0	Fluoranthene	450		56	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FC8	SDG No.:	BN101724
Lab Sample ID:	P4360-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.8
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034629.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	300		57	53	210	ug/Kg
85-68-7	Butylbenzylphthalate	54	U	54	53	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	180	J	49	53	210	ug/Kg
218-01-9	Chrysene	220		57	53	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59	J	54	53	210	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	260		60	53	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	87	J	72	53	210	ug/Kg
50-32-8	Benzo(a)pyrene	95	J	71	53	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	73	J	56	53	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	65	U	65	53	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57	U	57	53	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	65	U	65	53	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.055		15-120		26	SPK: -8
7291-22-7	Pyridine-d5	2.557	*	20-120		6	SPK: -40
4165-62-2	Phenol-d5	12.227		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.185		10-150		30	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.268		15-120		31	SPK: -40
190780-66-6	4-Methylphenol-d8	11.584		10-140		29	SPK: -40
4165-60-0	Nitrobenzene-d5	12.184		10-135		30	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.338		10-120		28	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.903		10-140		32	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.76		1-145		12	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.93		10-145		35	SPK: -40
93951-97-4	Acenaphthylene-d8	13.687		15-120		34	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.292		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	14.867		20-140		37	SPK: -40

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FC8	SDG No.:	BN101724
Lab Sample ID:	P4360-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.8
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
BN034629.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.189		10-130		13	SPK: -40
1719-06-8	Anthracene-d10	14.808		10-150		37	SPK: -40
1718-52-1	Pyrene-d10	13.399		10-130		33	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	9.846		10-140		25	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	250708	7.663				
1146-65-2	Naphthalene-d8	1057467	10.44				
15067-26-2	Acenaphthene-d10	604762	14.298				
1517-22-2	Phenanthrene-d10	1153762	17.039				
1719-03-5	Chrysene-d12	1031370	21.263				
1520-96-3	Perylene-d12	1207181	24.157				
TENTATIVE IDENTIFIED COMPOUNDS							
000110-83-8	Cyclohexene	310	J			3.028	
000119-61-9	Benzophenone	130	J			15.663	
000613-12-7	Anthracene, 2-methyl-	140	J			17.969	
1000197-14-1	4b,8-Dimethyl-2-isopropylphenanthr	410	J			18.68	
000084-71-9	1,2-Cyclohexanedicarboxylic acid,	120	J			20.963	
	(DEL) Alkane: Straight-Chain23.457	240	J			23.457	
E966796	Total Alkanes	240				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FC8MS	SDG No.:	BN101724
Lab Sample ID:	P4360-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.8
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034630.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	230		15	8.2	83	ug/Kg
100-52-7	Benzaldehyde	210	J	60	100	410	ug/Kg
110-86-1	Pyridine	380	J	15	210	410	ug/Kg
108-95-2	Phenol	660		56	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	620		44	100	410	ug/Kg
95-57-8	2-Chlorophenol	630		27	52.9	210	ug/Kg
95-48-7	2-Methylphenol	550		49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	620		36	100	410	ug/Kg
98-86-2	Acetophenone	840		73	100	410	ug/Kg
106-44-5	4-Methylphenol	560		51	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	580		46	52.9	210	ug/Kg
67-72-1	Hexachloroethane	460		20	52.9	210	ug/Kg
98-95-3	Nitrobenzene	660		34	52.9	210	ug/Kg
78-59-1	Isophorone	630		45	52.9	210	ug/Kg
88-75-5	2-Nitrophenol	680		37	52.9	210	ug/Kg
105-67-9	2,4-Dimethylphenol	300		11	52.9	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	640		39	52.9	210	ug/Kg
120-83-2	2,4-Dichlorophenol	670		42	52.9	210	ug/Kg
91-20-3	Naphthalene	660		41	52.9	210	ug/Kg
106-47-8	4-Chloroaniline	210	J	55	52.9	410	ug/Kg
87-68-3	Hexachlorobutadiene	660		32	52.9	210	ug/Kg
105-60-2	Caprolactam	570		50	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	620		45	52.9	210	ug/Kg
90-12-0	1-Methylnaphthalene	610		24	52.9	210	ug/Kg
91-57-6	2-Methylnaphthalene	640		46	52.9	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	260	J	24	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	730		62	52.9	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	730		61	52.9	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FC8MS	SDG No.:	BN101724
Lab Sample ID:	P4360-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034630.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	700		57	52.9	210	ug/Kg
91-58-7	2-Chloronaphthalene	690		55	52.9	210	ug/Kg
88-74-4	2-Nitroaniline	690		27	52.9	210	ug/Kg
131-11-3	Dimethylphthalate	670		47	52.9	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	710		32	52.9	210	ug/Kg
208-96-8	Acenaphthylene	690		57	52.9	210	ug/Kg
99-09-2	3-Nitroaniline	450		17	100	410	ug/Kg
83-32-9	Acenaphthene	700		62	52.9	210	ug/Kg
51-28-5	2,4-Dinitrophenol	360	J	40	100	410	ug/Kg
100-02-7	4-Nitrophenol	670		14	100	410	ug/Kg
132-64-9	Dibenzofuran	690		50	52.9	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	700		16	52.9	210	ug/Kg
84-66-2	Diethylphthalate	670		51	52.9	210	ug/Kg
86-73-7	Fluorene	690		72	52.9	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	680		60	52.9	210	ug/Kg
100-01-6	4-Nitroaniline	590		20	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	410		49	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	700		56	52.9	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	680		56	52.9	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	710		120	52.9	210	ug/Kg
118-74-1	Hexachlorobenzene	500		62	52.9	210	ug/Kg
1912-24-9	Atrazine	650		14	100	410	ug/Kg
87-86-5	Pentachlorophenol	530		47	100	410	ug/Kg
85-01-8	Phenanthrene	960		66	52.9	210	ug/Kg
608-93-5	Pentachlorobenzene	620		45	52.9	210	ug/Kg
120-12-7	Anthracene	710		58	52.9	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	690		7	52.9	210	ug/Kg
86-74-8	Carbazole	650		76	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	750		71	52.9	210	ug/Kg
206-44-0	Fluoranthene	1100		56	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FC8MS	SDG No.:	BN101724
Lab Sample ID:	P4360-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.8
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034630.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	800		57	52.9	210	ug/Kg
85-68-7	Butylbenzylphthalate	830		54	52.9	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	270	J	31	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	890		49	52.9	210	ug/Kg
218-01-9	Chrysene	920		57	52.9	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	890		54	52.9	210	ug/Kg
117-84-0	Di-n-octyl phthalate	790		54	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	920		60	52.9	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	820		72	52.9	210	ug/Kg
50-32-8	Benzo(a)pyrene	430		71	52.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	590		56	52.9	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	750		65	52.9	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	72	J	57	52.9	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	690		65	52.9	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.167		15-120		27	SPK: -8
7291-22-7	Pyridine-d5	8.656		20-120		22	SPK: -40
4165-62-2	Phenol-d5	12.341		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.698		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.065		15-120		33	SPK: -40
190780-66-6	4-Methylphenol-d8	11.41		10-140		29	SPK: -40
4165-60-0	Nitrobenzene-d5	13.924		10-135		35	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.665		10-120		34	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.141		10-140		35	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.503		1-145		14	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.084		10-145		35	SPK: -40
93951-97-4	Acenaphthylene-d8	13.962		15-120		35	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.724		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	14.102		20-140		35	SPK: -40

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FC8MS	SDG No.:	BN101724
Lab Sample ID:	P4360-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034630.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.509		10-130		19	SPK: -40
1719-06-8	Anthracene-d10	14.059		10-150		35	SPK: -40
1718-52-1	Pyrene-d10	12.294		10-130		31	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	8.98		10-140		22	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	317580	7.663				
1146-65-2	Naphthalene-d8	1235580	10.44				
15067-26-2	Acenaphthene-d10	652730	14.298				
1517-22-2	Phenanthrene-d10	1181486	17.039				
1719-03-5	Chrysene-d12	1080925	21.268				
1520-96-3	Perylene-d12	1320749	24.157				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	57	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FC8MSD	SDG No.:	BN101724
Lab Sample ID:	P4360-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.8
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034631.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	240		15	8.2	83	ug/Kg
100-52-7	Benzaldehyde	240	J	60	100	410	ug/Kg
110-86-1	Pyridine	420		15	210	410	ug/Kg
108-95-2	Phenol	780		56	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	710		44	100	410	ug/Kg
95-57-8	2-Chlorophenol	730		27	52.9	210	ug/Kg
95-48-7	2-Methylphenol	660		48	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	710		36	100	410	ug/Kg
98-86-2	Acetophenone	970		73	100	410	ug/Kg
106-44-5	4-Methylphenol	670		51	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	700		46	52.9	210	ug/Kg
67-72-1	Hexachloroethane	520		20	52.9	210	ug/Kg
98-95-3	Nitrobenzene	760		34	52.9	210	ug/Kg
78-59-1	Isophorone	730		45	52.9	210	ug/Kg
88-75-5	2-Nitrophenol	810		37	52.9	210	ug/Kg
105-67-9	2,4-Dimethylphenol	370		11	52.9	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	750		39	52.9	210	ug/Kg
120-83-2	2,4-Dichlorophenol	790		42	52.9	210	ug/Kg
91-20-3	Naphthalene	740		41	52.9	210	ug/Kg
106-47-8	4-Chloroaniline	230	J	55	52.9	410	ug/Kg
87-68-3	Hexachlorobutadiene	760		32	52.9	210	ug/Kg
105-60-2	Caprolactam	660		50	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	740		45	52.9	210	ug/Kg
90-12-0	1-Methylnaphthalene	710		24	52.9	210	ug/Kg
91-57-6	2-Methylnaphthalene	750		46	52.9	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	290	J	24	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	880		62	52.9	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	850		61	52.9	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FC8MSD	SDG No.:	BN101724
Lab Sample ID:	P4360-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.8
Sample Wt/Vol:	30.08 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034631.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	840		57	52.9	210	ug/Kg
91-58-7	2-Chloronaphthalene	820		55	52.9	210	ug/Kg
88-74-4	2-Nitroaniline	840		27	52.9	210	ug/Kg
131-11-3	Dimethylphthalate	800		47	52.9	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	850		32	52.9	210	ug/Kg
208-96-8	Acenaphthylene	800		57	52.9	210	ug/Kg
99-09-2	3-Nitroaniline	530		17	100	410	ug/Kg
83-32-9	Acenaphthene	810		62	52.9	210	ug/Kg
51-28-5	2,4-Dinitrophenol	350	J	40	100	410	ug/Kg
100-02-7	4-Nitrophenol	680		14	100	410	ug/Kg
132-64-9	Dibenzofuran	800		50	52.9	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	800		16	52.9	210	ug/Kg
84-66-2	Diethylphthalate	780		51	52.9	210	ug/Kg
86-73-7	Fluorene	780		72	52.9	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	760		60	52.9	210	ug/Kg
100-01-6	4-Nitroaniline	640		20	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	430		48	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	900		56	52.9	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	810		56	52.9	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	890		120	52.9	210	ug/Kg
118-74-1	Hexachlorobenzene	600		62	52.9	210	ug/Kg
1912-24-9	Atrazine	810		14	100	410	ug/Kg
87-86-5	Pentachlorophenol	620		47	100	410	ug/Kg
85-01-8	Phenanthrene	1100		66	52.9	210	ug/Kg
608-93-5	Pentachlorobenzene	820		45	52.9	210	ug/Kg
120-12-7	Anthracene	850		58	52.9	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	940		7	52.9	210	ug/Kg
86-74-8	Carbazole	730		76	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	870		71	52.9	210	ug/Kg
206-44-0	Fluoranthene	1400		56	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FC8MSD	SDG No.:	BN101724
Lab Sample ID:	P4360-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.8
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034631.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	950		57	52.9	210	ug/Kg
85-68-7	Butylbenzylphthalate	980		53	52.9	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	310	J	31	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	1000		48	52.9	210	ug/Kg
218-01-9	Chrysene	1000		57	52.9	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		53	52.9	210	ug/Kg
117-84-0	Di-n-octyl phthalate	920		53	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		60	52.9	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	910		72	52.9	210	ug/Kg
50-32-8	Benzo(a)pyrene	490		71	52.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	690		56	52.9	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	880		65	52.9	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	85	J	57	52.9	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	770		65	52.9	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.367		15-120		30	SPK: -8
7291-22-7	Pyridine-d5	9.65		20-120		24	SPK: -40
4165-62-2	Phenol-d5	14.5		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.537		10-150		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.282		15-120		38	SPK: -40
190780-66-6	4-Methylphenol-d8	13.946		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	16.151		10-135		40	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.196		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.726		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.523		1-145		14	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.802		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	16.263		15-120		41	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.486		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	15.869		20-140		40	SPK: -40

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FC8MSD	SDG No.:	BN101724
Lab Sample ID:	P4360-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.8
Sample Wt/Vol:	30.08 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034631.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.065		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	17		10-150		43	SPK: -40
1718-52-1	Pyrene-d10	14.684		10-130		37	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	10.567		10-140		26	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	332867	7.663				
1146-65-2	Naphthalene-d8	1330404	10.44				
15067-26-2	Acenaphthene-d10	688434	14.298				
1517-22-2	Phenanthrene-d10	1083909	17.039				
1719-03-5	Chrysene-d12	857074	21.269				
1520-96-3	Perylene-d12	1047777	24.157				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	57	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FC9	SDG No.:	BN101724
Lab Sample ID:	P4360-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.2
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
BN034632.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8	81	ug/Kg
100-52-7	Benzaldehyde	58	U	58	99.6	400	ug/Kg
110-86-1	Pyridine	14	U	14	200	400	ug/Kg
108-95-2	Phenol	54	U	54	99.6	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	99.6	400	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	51.3	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	99.6	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	99.6	400	ug/Kg
98-86-2	Acetophenone	95	J	71	99.6	400	ug/Kg
106-44-5	4-Methylphenol	50	U	50	99.6	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	51.3	210	ug/Kg
67-72-1	Hexachloroethane	19	U	19	51.3	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	51.3	210	ug/Kg
78-59-1	Isophorone	43	U	43	51.3	210	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	51.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	51.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	51.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	51.3	210	ug/Kg
91-20-3	Naphthalene	40	U	40	51.3	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	51.3	400	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	51.3	210	ug/Kg
105-60-2	Caprolactam	48	U	48	99.6	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	51.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	51.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	99.6	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	51.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	59	51.3	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FC9	SDG No.:	BN101724
Lab Sample ID:	P4360-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.2
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
BN034632.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	51.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	51.3	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.3	210	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	51.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	51.3	210	ug/Kg
208-96-8	Acenaphthylene	56	U	56	51.3	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	99.6	400	ug/Kg
83-32-9	Acenaphthene	60	U	60	51.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	99.6	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	99.6	400	ug/Kg
132-64-9	Dibenzofuran	48	U	48	51.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	51.3	210	ug/Kg
84-66-2	Diethylphthalate	50	U	50	51.3	210	ug/Kg
86-73-7	Fluorene	70	U	70	51.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	51.3	210	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	99.6	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	99.6	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	51.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	51.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	51.3	210	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51.3	210	ug/Kg
1912-24-9	Atrazine	13	U	13	99.6	400	ug/Kg
87-86-5	Pentachlorophenol	46	U	46	99.6	400	ug/Kg
85-01-8	Phenanthrene	64	U	64	51.3	210	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	51.3	210	ug/Kg
120-12-7	Anthracene	57	U	57	51.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.8	U	6.8	51.3	210	ug/Kg
86-74-8	Carbazole	74	U	74	99.6	400	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	51.3	210	ug/Kg
206-44-0	Fluoranthene	83	J	54	99.6	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FC9	SDG No.:	BN101724
Lab Sample ID:	P4360-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.2
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034632.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	57	J	56	51.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	51.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	99.6	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51.3	210	ug/Kg
218-01-9	Chrysene	56	U	56	51.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	66	J	52	51.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	99.6	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	58	U	58	51.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	70	U	70	51.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	69	U	69	51.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54	U	54	51.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63	U	63	51.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56	U	56	51.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	63	U	63	51.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.095		15-120		26	SPK: -8
7291-22-7	Pyridine-d5	2.424	*	20-120		6	SPK: -40
4165-62-2	Phenol-d5	12.022		10-130		30	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.482		10-150		31	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.724		15-120		32	SPK: -40
190780-66-6	4-Methylphenol-d8	9.973		10-140		25	SPK: -40
4165-60-0	Nitrobenzene-d5	13.87		10-135		35	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.402		10-120		34	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.397		10-140		31	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.344		1-145		16	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.039		10-145		35	SPK: -40
93951-97-4	Acenaphthylene-d8	13.685		15-120		34	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.797		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	13.002		20-140		33	SPK: -40

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4FC9	SDG No.:	BN101724
Lab Sample ID:	P4360-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.2
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
BN034632.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164165

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.082	*	10-130		5	SPK: -40
1719-06-8	Anthracene-d10	13.246		10-150		33	SPK: -40
1718-52-1	Pyrene-d10	12.076		10-130		30	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	8.729		10-140		22	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	311026	7.663				
1146-65-2	Naphthalene-d8	1214393	10.439				
15067-26-2	Acenaphthene-d10	602206	14.298				
1517-22-2	Phenanthrene-d10	958413	17.039				
1719-03-5	Chrysene-d12	808292	21.268				
1520-96-3	Perylene-d12	1006286	24.156				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	140	J			15.663	
000057-10-3	n-Hexadecanoic acid	87	J			17.968	
E966796	Total Alkanes	56	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX0	SDG No.:	BN101724
Lab Sample ID:	P4346-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	69.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034633.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	40	U	40	21.9	220	ug/Kg
100-52-7	Benzaldehyde	160	U	160	270	1100	ug/Kg
110-86-1	Pyridine	40	U	40	550	1100	ug/Kg
108-95-2	Phenol	150	U	150	270	1100	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	120	U	120	270	1100	ug/Kg
95-57-8	2-Chlorophenol	73	U	73	140	560	ug/Kg
95-48-7	2-Methylphenol	130	U	130	270	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	96	U	96	270	1100	ug/Kg
98-86-2	Acetophenone	200	U	200	270	1100	ug/Kg
106-44-5	4-Methylphenol	140	U	140	270	1100	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	120	U	120	140	560	ug/Kg
67-72-1	Hexachloroethane	53	U	53	140	560	ug/Kg
98-95-3	Nitrobenzene	90	U	90	140	560	ug/Kg
78-59-1	Isophorone	120	U	120	140	560	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	560	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	140	560	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	100	U	100	140	560	ug/Kg
120-83-2	2,4-Dichlorophenol	110	U	110	140	560	ug/Kg
91-20-3	Naphthalene	110	U	110	140	560	ug/Kg
106-47-8	4-Chloroaniline	150	U	150	140	1100	ug/Kg
87-68-3	Hexachlorobutadiene	86	U	86	140	560	ug/Kg
105-60-2	Caprolactam	130	U	130	270	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	140	560	ug/Kg
90-12-0	1-Methylnaphthalene	63	U	63	140	560	ug/Kg
91-57-6	2-Methylnaphthalene	120	U	120	140	560	ug/Kg
77-47-4	Hexachlorocyclopentadiene	63	U	63	270	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	170	U	170	140	560	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	U	160	140	560	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX0	SDG No.:	BN101724
Lab Sample ID:	P4346-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	69.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034633.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	150	U	150	140	560	ug/Kg
91-58-7	2-Chloronaphthalene	150	U	150	140	560	ug/Kg
88-74-4	2-Nitroaniline	73	U	73	140	560	ug/Kg
131-11-3	Dimethylphthalate	130	U	130	140	560	ug/Kg
606-20-2	2,6-Dinitrotoluene	86	U	86	140	560	ug/Kg
208-96-8	Acenaphthylene	150	U	150	140	560	ug/Kg
99-09-2	3-Nitroaniline	47	U	47	270	1100	ug/Kg
83-32-9	Acenaphthene	170	U	170	140	560	ug/Kg
51-28-5	2,4-Dinitrophenol	110	U	110	270	1100	ug/Kg
100-02-7	4-Nitrophenol	37	U	37	270	1100	ug/Kg
132-64-9	Dibenzofuran	130	U	130	140	560	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	140	560	ug/Kg
84-66-2	Diethylphthalate	140	U	140	140	560	ug/Kg
86-73-7	Fluorene	190	U	190	140	560	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	160	U	160	140	560	ug/Kg
100-01-6	4-Nitroaniline	53	U	53	270	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	270	1100	ug/Kg
86-30-6	N-Nitrosodiphenylamine	150	U	150	140	560	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	U	150	140	560	ug/Kg
101-55-3	4-Bromophenyl-phenylether	330	U	330	140	560	ug/Kg
118-74-1	Hexachlorobenzene	170	U	170	140	560	ug/Kg
1912-24-9	Atrazine	37	U	37	270	1100	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	270	1100	ug/Kg
85-01-8	Phenanthrene	180	U	180	140	560	ug/Kg
608-93-5	Pentachlorobenzene	120	U	120	140	560	ug/Kg
120-12-7	Anthracene	160	U	160	140	560	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	140	560	ug/Kg
86-74-8	Carbazole	200	U	200	270	1100	ug/Kg
84-74-2	Di-n-butylphthalate	190	U	190	140	560	ug/Kg
206-44-0	Fluoranthene	150	U	150	270	560	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX0	SDG No.:	BN101724
Lab Sample ID:	P4346-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	69.9
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034633.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	150	U	150	140	560	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	140	560	ug/Kg
91-94-1	3,3-Dichlorobenzidine	83	U	83	270	1100	ug/Kg
56-55-3	Benzo(a)anthracene	130	U	130	140	560	ug/Kg
218-01-9	Chrysene	150	U	150	140	560	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	140	560	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	270	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	U	160	140	560	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	U	190	140	560	ug/Kg
50-32-8	Benzo(a)pyrene	190	U	190	140	560	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	U	150	140	560	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	U	170	140	560	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	U	150	140	560	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	170	U	170	140	560	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.878		15-120		23	SPK: -8
7291-22-7	Pyridine-d5	8.999		20-120		22	SPK: -40
4165-62-2	Phenol-d5	10.13		10-130		25	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.373		10-150		26	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.785		15-120		27	SPK: -40
190780-66-6	4-Methylphenol-d8	9.842		10-140		25	SPK: -40
4165-60-0	Nitrobenzene-d5	11.473		10-135		29	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.165		10-120		28	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	10.608		10-140		27	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.409		1-145		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.417		10-145		29	SPK: -40
93951-97-4	Acenaphthylene-d8	11.684		15-120		29	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.547		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	11.326		20-140		28	SPK: -40

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX0	SDG No.:	BN101724
Lab Sample ID:	P4346-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	69.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034633.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	1.995	*	10-130		5	SPK: -40
1719-06-8	Anthracene-d10	11.797		10-150		29	SPK: -40
1718-52-1	Pyrene-d10	11.942		10-130		30	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.877		10-140		30	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	300750	7.664				
1146-65-2	Naphthalene-d8	1120002	10.44				
15067-26-2	Acenaphthene-d10	560188	14.298				
1517-22-2	Phenanthrene-d10	974091	17.039				
1719-03-5	Chrysene-d12	874665	21.263				
1520-96-3	Perylene-d12	1126913	24.151				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	270	J			15.663	
E966796	Total Alkanes	150	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX1	SDG No.:	BN101724
Lab Sample ID:	P4346-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	66.4
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
BN034634.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	36	U	36	19.6	200	ug/Kg
100-52-7	Benzaldehyde	140	U	140	240	980	ug/Kg
110-86-1	Pyridine	36	U	36	490	980	ug/Kg
108-95-2	Phenol	130	U	130	240	980	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	100	U	100	240	980	ug/Kg
95-57-8	2-Chlorophenol	65	U	65	130	500	ug/Kg
95-48-7	2-Methylphenol	120	U	120	240	980	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	86	U	86	240	980	ug/Kg
98-86-2	Acetophenone	180	U	180	240	980	ug/Kg
106-44-5	4-Methylphenol	120	U	120	240	980	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	130	500	ug/Kg
67-72-1	Hexachloroethane	47	U	47	130	500	ug/Kg
98-95-3	Nitrobenzene	80	U	80	130	500	ug/Kg
78-59-1	Isophorone	110	U	110	130	500	ug/Kg
88-75-5	2-Nitrophenol	89	U	89	130	500	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	130	500	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	92	U	92	130	500	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	130	500	ug/Kg
91-20-3	Naphthalene	98	U	98	130	500	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	130	980	ug/Kg
87-68-3	Hexachlorobutadiene	77	U	77	130	500	ug/Kg
105-60-2	Caprolactam	120	U	120	240	980	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	130	500	ug/Kg
90-12-0	1-Methylnaphthalene	56	U	56	130	500	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	130	500	ug/Kg
77-47-4	Hexachlorocyclopentadiene	56	U	56	240	980	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	130	500	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	150	130	500	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX1	SDG No.:	BN101724
Lab Sample ID:	P4346-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	66.4
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
BN034634.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	140	U	140	130	500	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	130	500	ug/Kg
88-74-4	2-Nitroaniline	65	U	65	130	500	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	130	500	ug/Kg
606-20-2	2,6-Dinitrotoluene	77	U	77	130	500	ug/Kg
208-96-8	Acenaphthylene	140	U	140	130	500	ug/Kg
99-09-2	3-Nitroaniline	42	U	42	240	980	ug/Kg
83-32-9	Acenaphthene	150	U	150	130	500	ug/Kg
51-28-5	2,4-Dinitrophenol	95	U	95	240	980	ug/Kg
100-02-7	4-Nitrophenol	33	U	33	240	980	ug/Kg
132-64-9	Dibenzofuran	120	U	120	130	500	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	130	500	ug/Kg
84-66-2	Diethylphthalate	120	U	120	130	500	ug/Kg
86-73-7	Fluorene	170	U	170	130	500	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	140	130	500	ug/Kg
100-01-6	4-Nitroaniline	47	U	47	240	980	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	240	980	ug/Kg
86-30-6	N-Nitrosodiphenylamine	130	U	130	130	500	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	130	U	130	130	500	ug/Kg
101-55-3	4-Bromophenyl-phenylether	290	U	290	130	500	ug/Kg
118-74-1	Hexachlorobenzene	150	U	150	130	500	ug/Kg
1912-24-9	Atrazine	33	U	33	240	980	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	240	980	ug/Kg
85-01-8	Phenanthrene	160	U	160	130	500	ug/Kg
608-93-5	Pentachlorobenzene	110	U	110	130	500	ug/Kg
120-12-7	Anthracene	140	U	140	130	500	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	130	500	ug/Kg
86-74-8	Carbazole	180	U	180	240	980	ug/Kg
84-74-2	Di-n-butylphthalate	170	U	170	130	500	ug/Kg
206-44-0	Fluoranthene	170	J	130	240	500	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX1	SDG No.:	BN101724
Lab Sample ID:	P4346-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	66.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
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
BN034634.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	140	J	140	130	500	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	130	500	ug/Kg
91-94-1	3,3-Dichlorobenzidine	74	U	74	240	980	ug/Kg
56-55-3	Benzo(a)anthracene	120	U	120	130	500	ug/Kg
218-01-9	Chrysene	140	U	140	130	500	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	130	500	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	240	980	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	U	140	130	500	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	U	170	130	500	ug/Kg
50-32-8	Benzo(a)pyrene	170	U	170	130	500	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	U	130	130	500	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	U	150	130	500	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	U	140	130	500	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	U	150	130	500	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.352		15-120		17	SPK: -8
7291-22-7	Pyridine-d5	7.128	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	11.516		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	8.924		10-150		22	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.695		15-120		24	SPK: -40
190780-66-6	4-Methylphenol-d8	14.07		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	11.401		10-135		29	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.361		10-120		33	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.238		10-140		38	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.821		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.045		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	19.093		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.63		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	20.759		20-140		52	SPK: -40

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX1	SDG No.:	BN101724
Lab Sample ID:	P4346-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	66.4
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
BN034634.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.4	*	10-130		6	SPK: -40
1719-06-8	Anthracene-d10	21.479		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	26.109		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.023		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	361242	7.663				
1146-65-2	Naphthalene-d8	1559153	10.44				
15067-26-2	Acenaphthene-d10	910148	14.298				
1517-22-2	Phenanthrene-d10	1683497	17.045				
1719-03-5	Chrysene-d12	1158278	21.263				
1520-96-3	Perylene-d12	1165331	24.157				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	360	J			15.663	
E966796	Total Alkanes	140	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX2	SDG No.:	BN101724
Lab Sample ID:	P4346-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	71
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
BN034635.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	41	U	41	22.7	230	ug/Kg
100-52-7	Benzaldehyde	160	U	160	280	1100	ug/Kg
110-86-1	Pyridine	41	U	41	570	1100	ug/Kg
108-95-2	Phenol	150	U	150	280	1100	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	120	U	120	280	1100	ug/Kg
95-57-8	2-Chlorophenol	76	U	76	150	580	ug/Kg
95-48-7	2-Methylphenol	130	U	130	280	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	280	1100	ug/Kg
98-86-2	Acetophenone	200	U	200	280	1100	ug/Kg
106-44-5	4-Methylphenol	140	U	140	280	1100	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	130	U	130	150	580	ug/Kg
67-72-1	Hexachloroethane	55	U	55	150	580	ug/Kg
98-95-3	Nitrobenzene	93	U	93	150	580	ug/Kg
78-59-1	Isophorone	120	U	120	150	580	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	150	580	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	150	580	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	110	U	110	150	580	ug/Kg
120-83-2	2,4-Dichlorophenol	120	U	120	150	580	ug/Kg
91-20-3	Naphthalene	110	U	110	150	580	ug/Kg
106-47-8	4-Chloroaniline	150	U	150	150	1100	ug/Kg
87-68-3	Hexachlorobutadiene	89	U	89	150	580	ug/Kg
105-60-2	Caprolactam	140	U	140	280	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	150	580	ug/Kg
90-12-0	1-Methylnaphthalene	65	U	65	150	580	ug/Kg
91-57-6	2-Methylnaphthalene	130	U	130	150	580	ug/Kg
77-47-4	Hexachlorocyclopentadiene	65	U	65	280	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	170	U	170	150	580	ug/Kg
95-95-4	2,4,5-Trichlorophenol	170	U	170	150	580	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX2	SDG No.:	BN101724
Lab Sample ID:	P4346-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	71
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
BN034635.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	160	U	160	150	580	ug/Kg
91-58-7	2-Chloronaphthalene	150	U	150	150	580	ug/Kg
88-74-4	2-Nitroaniline	76	U	76	150	580	ug/Kg
131-11-3	Dimethylphthalate	130	U	130	150	580	ug/Kg
606-20-2	2,6-Dinitrotoluene	89	U	89	150	580	ug/Kg
208-96-8	Acenaphthylene	160	U	160	150	580	ug/Kg
99-09-2	3-Nitroaniline	48	U	48	280	1100	ug/Kg
83-32-9	Acenaphthene	170	U	170	150	580	ug/Kg
51-28-5	2,4-Dinitrophenol	110	U	110	280	1100	ug/Kg
100-02-7	4-Nitrophenol	38	U	38	280	1100	ug/Kg
132-64-9	Dibenzofuran	140	U	140	150	580	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	150	580	ug/Kg
84-66-2	Diethylphthalate	140	U	140	150	580	ug/Kg
86-73-7	Fluorene	200	U	200	150	580	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	160	U	160	150	580	ug/Kg
100-01-6	4-Nitroaniline	55	U	55	280	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	280	1100	ug/Kg
86-30-6	N-Nitrosodiphenylamine	150	U	150	150	580	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	U	150	150	580	ug/Kg
101-55-3	4-Bromophenyl-phenylether	340	U	340	150	580	ug/Kg
118-74-1	Hexachlorobenzene	170	U	170	150	580	ug/Kg
1912-24-9	Atrazine	38	U	38	280	1100	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	280	1100	ug/Kg
85-01-8	Phenanthrene	180	U	180	150	580	ug/Kg
608-93-5	Pentachlorobenzene	120	U	120	150	580	ug/Kg
120-12-7	Anthracene	160	U	160	150	580	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	150	580	ug/Kg
86-74-8	Carbazole	210	U	210	280	1100	ug/Kg
84-74-2	Di-n-butylphthalate	200	U	200	150	580	ug/Kg
206-44-0	Fluoranthene	150	U	150	280	580	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX2	SDG No.:	BN101724
Lab Sample ID:	P4346-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	71
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034635.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	160	U	160	150	580	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	150	580	ug/Kg
91-94-1	3,3-Dichlorobenzidine	86	U	86	280	1100	ug/Kg
56-55-3	Benzo(a)anthracene	130	U	130	150	580	ug/Kg
218-01-9	Chrysene	160	U	160	150	580	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	150	580	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	280	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	U	160	150	580	ug/Kg
207-08-9	Benzo(k)fluoranthene	200	U	200	150	580	ug/Kg
50-32-8	Benzo(a)pyrene	200	U	200	150	580	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	U	150	150	580	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	180	U	180	150	580	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	U	160	150	580	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	180	U	180	150	580	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.883		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	14.725		20-120		37	SPK: -40
4165-62-2	Phenol-d5	16.83		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.229		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.692		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	17.885		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	18.699		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.567		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.862		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.445		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.54		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	19.677		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.83		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	19.119		20-140		48	SPK: -40

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX2	SDG No.:	BN101724
Lab Sample ID:	P4346-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	71
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
BN034635.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.137		10-130		10	SPK: -40
1719-06-8	Anthracene-d10	20.485		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	23.602		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.676		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	365369	7.664				
1146-65-2	Naphthalene-d8	1533710	10.44				
15067-26-2	Acenaphthene-d10	834803	14.299				
1517-22-2	Phenanthrene-d10	1355315	17.04				
1719-03-5	Chrysene-d12	921602	21.263				
1520-96-3	Perylene-d12	1101100	24.157				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	760	J			15.663	
E966796	Total Alkanes	160	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX3	SDG No.:	BN101724
Lab Sample ID:	P4346-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	70.3
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
BN034636.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	40	U	40	22.2	220	ug/Kg
100-52-7	Benzaldehyde	160	U	160	280	1100	ug/Kg
110-86-1	Pyridine	40	U	40	560	1100	ug/Kg
108-95-2	Phenol	150	U	150	280	1100	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	120	U	120	280	1100	ug/Kg
95-57-8	2-Chlorophenol	74	U	74	140	570	ug/Kg
95-48-7	2-Methylphenol	130	U	130	280	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	98	U	98	280	1100	ug/Kg
98-86-2	Acetophenone	200	U	200	280	1100	ug/Kg
106-44-5	4-Methylphenol	140	U	140	280	1100	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	120	U	120	140	570	ug/Kg
67-72-1	Hexachloroethane	54	U	54	140	570	ug/Kg
98-95-3	Nitrobenzene	91	U	91	140	570	ug/Kg
78-59-1	Isophorone	120	U	120	140	570	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	570	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	140	570	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	100	U	100	140	570	ug/Kg
120-83-2	2,4-Dichlorophenol	110	U	110	140	570	ug/Kg
91-20-3	Naphthalene	110	U	110	140	570	ug/Kg
106-47-8	4-Chloroaniline	150	U	150	140	1100	ug/Kg
87-68-3	Hexachlorobutadiene	88	U	88	140	570	ug/Kg
105-60-2	Caprolactam	130	U	130	280	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	140	570	ug/Kg
90-12-0	1-Methylnaphthalene	64	U	64	140	570	ug/Kg
91-57-6	2-Methylnaphthalene	120	U	120	140	570	ug/Kg
77-47-4	Hexachlorocyclopentadiene	64	U	64	280	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	170	U	170	140	570	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	U	160	140	570	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX3	SDG No.:	BN101724
Lab Sample ID:	P4346-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	70.3
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
BN034636.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	150	U	150	140	570	ug/Kg
91-58-7	2-Chloronaphthalene	150	U	150	140	570	ug/Kg
88-74-4	2-Nitroaniline	74	U	74	140	570	ug/Kg
131-11-3	Dimethylphthalate	130	U	130	140	570	ug/Kg
606-20-2	2,6-Dinitrotoluene	88	U	88	140	570	ug/Kg
208-96-8	Acenaphthylene	150	U	150	140	570	ug/Kg
99-09-2	3-Nitroaniline	47	U	47	280	1100	ug/Kg
83-32-9	Acenaphthene	170	U	170	140	570	ug/Kg
51-28-5	2,4-Dinitrophenol	110	U	110	280	1100	ug/Kg
100-02-7	4-Nitrophenol	37	U	37	280	1100	ug/Kg
132-64-9	Dibenzofuran	130	U	130	140	570	ug/Kg
121-14-2	2,4-Dinitrotoluene	44	U	44	140	570	ug/Kg
84-66-2	Diethylphthalate	140	U	140	140	570	ug/Kg
86-73-7	Fluorene	200	U	200	140	570	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	160	U	160	140	570	ug/Kg
100-01-6	4-Nitroaniline	54	U	54	280	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	280	1100	ug/Kg
86-30-6	N-Nitrosodiphenylamine	150	U	150	140	570	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	U	150	140	570	ug/Kg
101-55-3	4-Bromophenyl-phenylether	330	U	330	140	570	ug/Kg
118-74-1	Hexachlorobenzene	170	U	170	140	570	ug/Kg
1912-24-9	Atrazine	37	U	37	280	1100	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	280	1100	ug/Kg
85-01-8	Phenanthrene	180	U	180	140	570	ug/Kg
608-93-5	Pentachlorobenzene	120	U	120	140	570	ug/Kg
120-12-7	Anthracene	160	U	160	140	570	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	140	570	ug/Kg
86-74-8	Carbazole	210	U	210	280	1100	ug/Kg
84-74-2	Di-n-butylphthalate	190	U	190	140	570	ug/Kg
206-44-0	Fluoranthene	150	U	150	280	570	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX3	SDG No.:	BN101724
Lab Sample ID:	P4346-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	70.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034636.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	150	U	150	140	570	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	140	570	ug/Kg
91-94-1	3,3-Dichlorobenzidine	84	U	84	280	1100	ug/Kg
56-55-3	Benzo(a)anthracene	130	U	130	140	570	ug/Kg
218-01-9	Chrysene	150	U	150	140	570	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	140	570	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	280	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	U	160	140	570	ug/Kg
207-08-9	Benzo(k)fluoranthene	200	U	200	140	570	ug/Kg
50-32-8	Benzo(a)pyrene	190	U	190	140	570	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	U	150	140	570	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	180	U	180	140	570	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	U	150	140	570	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	180	U	180	140	570	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.732		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	13.912		20-120		35	SPK: -40
4165-62-2	Phenol-d5	16.668		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.237		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.494		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	17.912		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	18.885		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.164		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.532		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.018		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.766		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	20.067		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.906		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	20.079		20-140		50	SPK: -40

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX3	SDG No.:	BN101724
Lab Sample ID:	P4346-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	70.3
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
BN034636.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.357		10-130		16	SPK: -40
1719-06-8	Anthracene-d10	20.741		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	25.072		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.935		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	410302	7.664				
1146-65-2	Naphthalene-d8	1700891	10.44				
15067-26-2	Acenaphthene-d10	947286	14.298				
1517-22-2	Phenanthrene-d10	1594156	17.04				
1719-03-5	Chrysene-d12	977730	21.263				
1520-96-3	Perylene-d12	1164127	24.157				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	1100	J			15.663	
000057-10-3	n-Hexadecanoic acid	260	J			17.969	
E966796	Total Alkanes	150	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX4	SDG No.:	BN101724
Lab Sample ID:	P4346-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	66.5
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
BN034637.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	36	U	36	19.7	200	ug/Kg
100-52-7	Benzaldehyde	140	U	140	250	990	ug/Kg
110-86-1	Pyridine	36	U	36	490	990	ug/Kg
108-95-2	Phenol	130	U	130	250	990	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	100	U	100	250	990	ug/Kg
95-57-8	2-Chlorophenol	66	U	66	130	510	ug/Kg
95-48-7	2-Methylphenol	120	U	120	250	990	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	87	U	87	250	990	ug/Kg
98-86-2	Acetophenone	180	U	180	250	990	ug/Kg
106-44-5	4-Methylphenol	120	U	120	250	990	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	130	510	ug/Kg
67-72-1	Hexachloroethane	48	U	48	130	510	ug/Kg
98-95-3	Nitrobenzene	81	U	81	130	510	ug/Kg
78-59-1	Isophorone	110	U	110	130	510	ug/Kg
88-75-5	2-Nitrophenol	90	U	90	130	510	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	130	510	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	93	U	93	130	510	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	130	510	ug/Kg
91-20-3	Naphthalene	99	U	99	130	510	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	130	990	ug/Kg
87-68-3	Hexachlorobutadiene	78	U	78	130	510	ug/Kg
105-60-2	Caprolactam	120	U	120	250	990	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	130	510	ug/Kg
90-12-0	1-Methylnaphthalene	57	U	57	130	510	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	130	510	ug/Kg
77-47-4	Hexachlorocyclopentadiene	57	U	57	250	990	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	130	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	150	130	510	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX4	SDG No.:	BN101724
Lab Sample ID:	P4346-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	66.5
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
BN034637.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	140	U	140	130	510	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	130	510	ug/Kg
88-74-4	2-Nitroaniline	66	U	66	130	510	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	130	510	ug/Kg
606-20-2	2,6-Dinitrotoluene	78	U	78	130	510	ug/Kg
208-96-8	Acenaphthylene	140	U	140	130	510	ug/Kg
99-09-2	3-Nitroaniline	42	U	42	250	990	ug/Kg
83-32-9	Acenaphthene	150	U	150	130	510	ug/Kg
51-28-5	2,4-Dinitrophenol	96	U	96	250	990	ug/Kg
100-02-7	4-Nitrophenol	33	U	33	250	990	ug/Kg
132-64-9	Dibenzofuran	120	U	120	130	510	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	130	510	ug/Kg
84-66-2	Diethylphthalate	120	U	120	130	510	ug/Kg
86-73-7	Fluorene	170	U	170	130	510	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	140	130	510	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	250	990	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	250	990	ug/Kg
86-30-6	N-Nitrosodiphenylamine	130	U	130	130	510	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	130	U	130	130	510	ug/Kg
101-55-3	4-Bromophenyl-phenylether	300	U	300	130	510	ug/Kg
118-74-1	Hexachlorobenzene	150	U	150	130	510	ug/Kg
1912-24-9	Atrazine	33	U	33	250	990	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	250	990	ug/Kg
85-01-8	Phenanthrene	200	J	160	130	510	ug/Kg
608-93-5	Pentachlorobenzene	110	U	110	130	510	ug/Kg
120-12-7	Anthracene	140	U	140	130	510	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	130	510	ug/Kg
86-74-8	Carbazole	180	U	180	250	990	ug/Kg
84-74-2	Di-n-butylphthalate	170	U	170	130	510	ug/Kg
206-44-0	Fluoranthene	360	J	130	250	510	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX4	SDG No.:	BN101724
Lab Sample ID:	P4346-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	66.5
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
BN034637.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	300	J	140	130	510	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	130	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	75	U	75	250	990	ug/Kg
56-55-3	Benzo(a)anthracene	170	J	120	130	510	ug/Kg
218-01-9	Chrysene	180	J	140	130	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	J	130	130	510	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	250	990	ug/Kg
205-99-2	Benzo(b)fluoranthene	240	J	140	130	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	U	170	130	510	ug/Kg
50-32-8	Benzo(a)pyrene	170	J	170	130	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	U	130	130	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	U	160	130	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	U	140	130	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	160	130	510	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.871		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	19.064		20-120		48	SPK: -40
4165-62-2	Phenol-d5	20.398		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.348		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.992		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	20.691		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	24.203		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.791		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.13		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.761		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.786		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	23.16		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.597		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	22.126		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX4	SDG No.:	BN101724
Lab Sample ID:	P4346-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	66.5
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
BN034637.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.075		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	22.884		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	23.074		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.494		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	387379	7.664				
1146-65-2	Naphthalene-d8	1497840	10.44				
15067-26-2	Acenaphthene-d10	772523	14.298				
1517-22-2	Phenanthrene-d10	1336809	17.039				
1719-03-5	Chrysene-d12	1167803	21.263				
1520-96-3	Perylene-d12	1460686	24.157				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	490	J			15.663	
000057-10-3	n-Hexadecanoic acid	300	J			17.969	
E966796	Total Alkanes	140	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX5	SDG No.:	BN101724
Lab Sample ID:	P4346-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	67.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034638.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	37	U	37	20.4	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	93	U	93	130	520	ug/Kg
105-67-9	2,4-Dimethylphenol	26	U	26	130	520	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	96	U	96	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	59	U	59	130	520	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	130	520	ug/Kg
77-47-4	Hexachlorocyclopentadiene	59	U	59	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:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX5	SDG No.:	BN101724
Lab Sample ID:	P4346-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	67.7
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
BN034638.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

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	99	U	99	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	310	U	310	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	160	U	160	130	520	ug/Kg
608-93-5	Pentachlorobenzene	110	U	110	130	520	ug/Kg
120-12-7	Anthracene	150	U	150	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	140	U	140	250	520	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX5	SDG No.:	BN101724
Lab Sample ID:	P4346-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	67.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034638.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	140	U	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	120	U	120	130	520	ug/Kg
218-01-9	Chrysene	140	U	140	130	520	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	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	150	U	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	3.049		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	14.966		20-120		37	SPK: -40
4165-62-2	Phenol-d5	16.969		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.177		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.848		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	17.209		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	18.675		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.464		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.882		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.602		1-145		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.873		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	18.674		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.148		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	17.886		20-140		45	SPK: -40

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX5	SDG No.:	BN101724
Lab Sample ID:	P4346-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	67.7
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
BN034638.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.9		10-130		12	SPK: -40
1719-06-8	Anthracene-d10	19.355		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	20.513		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.483		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	354141	7.663				
1146-65-2	Naphthalene-d8	1400136	10.44				
15067-26-2	Acenaphthene-d10	706462	14.298				
1517-22-2	Phenanthrene-d10	1140853	17.039				
1719-03-5	Chrysene-d12	933979	21.263				
1520-96-3	Perylene-d12	1198150	24.157				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	680	J			15.663	
000057-10-3	n-Hexadecanoic acid	240	J			17.969	
E966796	Total Alkanes	140	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX7	SDG No.:	BN101724
Lab Sample ID:	P4346-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034639.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.3	84	ug/Kg
100-52-7	Benzaldehyde	60	U	60	100	410	ug/Kg
110-86-1	Pyridine	15	U	15	210	410	ug/Kg
108-95-2	Phenol	56	U	56	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	100	410	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	53.3	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	100	410	ug/Kg
98-86-2	Acetophenone	74	U	74	100	410	ug/Kg
106-44-5	4-Methylphenol	51	U	51	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	46	U	46	53.3	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	53.3	210	ug/Kg
98-95-3	Nitrobenzene	34	U	34	53.3	210	ug/Kg
78-59-1	Isophorone	45	U	45	53.3	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	53.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	53.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	39	U	39	53.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	53.3	210	ug/Kg
91-20-3	Naphthalene	41	U	41	53.3	210	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	53.3	410	ug/Kg
87-68-3	Hexachlorobutadiene	33	U	33	53.3	210	ug/Kg
105-60-2	Caprolactam	50	U	50	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	53.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	53.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	53.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	24	U	24	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	63	U	63	53.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	62	U	62	53.3	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX7	SDG No.:	BN101724
Lab Sample ID:	P4346-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.6
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
BN034639.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	53.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	53.3	210	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	53.3	210	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	53.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	33	U	33	53.3	210	ug/Kg
208-96-8	Acenaphthylene	58	U	58	53.3	210	ug/Kg
99-09-2	3-Nitroaniline	18	U	18	100	410	ug/Kg
83-32-9	Acenaphthene	66	J	63	53.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	40	U	40	100	410	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	410	ug/Kg
132-64-9	Dibenzofuran	52	J	50	53.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	53.3	210	ug/Kg
84-66-2	Diethylphthalate	51	U	51	53.3	210	ug/Kg
86-73-7	Fluorene	82	J	73	53.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	53.3	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	56	U	56	53.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	53.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	53.3	210	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	53.3	210	ug/Kg
1912-24-9	Atrazine	14	U	14	100	410	ug/Kg
87-86-5	Pentachlorophenol	48	U	48	100	410	ug/Kg
85-01-8	Phenanthrene	230		67	53.3	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	53.3	210	ug/Kg
120-12-7	Anthracene	88	J	59	53.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7	U	7	53.3	210	ug/Kg
86-74-8	Carbazole	77	U	77	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	53.3	210	ug/Kg
206-44-0	Fluoranthene	440		56	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX7	SDG No.:	BN101724
Lab Sample ID:	P4346-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.6
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
BN034639.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	320		58	53.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	54	U	54	53.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	190	J	49	53.3	210	ug/Kg
218-01-9	Chrysene	220		58	53.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	J	54	53.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	250		60	53.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	83	J	73	53.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	180	J	72	53.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	97	J	56	53.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	65	U	65	53.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	58	53.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	65	U	65	53.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.251		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	14.859		20-120		37	SPK: -40
4165-62-2	Phenol-d5	16.781		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.011		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.635		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	16.641		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	19.237		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.57		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.339		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.936		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.198		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	19.095		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.572		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	19.093		20-140		48	SPK: -40

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX7	SDG No.:	BN101724
Lab Sample ID:	P4346-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.6
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
BN034639.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.024		10-130		13	SPK: -40
1719-06-8	Anthracene-d10	20.156		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	20.133		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.409		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	303216	7.664				
1146-65-2	Naphthalene-d8	1164862	10.44				
15067-26-2	Acenaphthene-d10	609547	14.298				
1517-22-2	Phenanthrene-d10	1103039	17.04				
1719-03-5	Chrysene-d12	1019598	21.263				
1520-96-3	Perylene-d12	1261070	24.157				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	350	J			15.663	
000057-10-3	n-Hexadecanoic acid	130	J			17.969	
000203-64-5	4H-Cyclopenta[def]phenanthrene	89	J			18.11	
000198-55-0	Perylene	99	J			23.886	
E966796	Total Alkanes	58	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	SLCS165	SDG No.:	BN101724
Lab Sample ID:	PB164165BS	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
BN034640.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164165

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	300		12	6.6	67	ug/Kg
100-52-7	Benzaldehyde	750		48	82.5	330	ug/Kg
110-86-1	Pyridine	760		12	170	330	ug/Kg
108-95-2	Phenol	830		45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	840		35	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	870		22	42.5	170	ug/Kg
95-48-7	2-Methylphenol	810		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	840		29	82.5	330	ug/Kg
98-86-2	Acetophenone	810		59	82.5	330	ug/Kg
106-44-5	4-Methylphenol	800		41	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	810		37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	860		16	42.5	170	ug/Kg
98-95-3	Nitrobenzene	900		27	42.5	170	ug/Kg
78-59-1	Isophorone	840		36	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1000		30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	660		8.5	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	860		31	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	890		34	42.5	170	ug/Kg
91-20-3	Naphthalene	860		33	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	670		44	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	870		26	42.5	170	ug/Kg
105-60-2	Caprolactam	740		40	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	830		36	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	800		19	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	820		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	620		19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	910		50	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	940		49	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	SLCS165	SDG No.:	BN101724
Lab Sample ID:	PB164165BS	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
BN034640.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164165

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	920		46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	920		44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	970		22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	860		38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	960		26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	890		46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	850		14	82.5	330	ug/Kg
83-32-9	Acenaphthene	860		50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	550		32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	770		11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	840		40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	890		13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	820		41	42.5	170	ug/Kg
86-73-7	Fluorene	810		58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	820		48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	830		16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	710		39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	990		45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	940		45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	960		99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	910		50	42.5	170	ug/Kg
1912-24-9	Atrazine	580		11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	760		38	82.5	330	ug/Kg
85-01-8	Phenanthrene	890		53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1000		36	42.5	170	ug/Kg
120-12-7	Anthracene	870		47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1100		5.6	42.5	170	ug/Kg
86-74-8	Carbazole	860		61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	890		57	42.5	170	ug/Kg
206-44-0	Fluoranthene	920		45	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	SLCS165	SDG No.:	BN101724
Lab Sample ID:	PB164165BS	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
BN034640.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164165

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	920		46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	970		43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	830		25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	880		39	42.5	170	ug/Kg
218-01-9	Chrysene	900		46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	930		43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	870		43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	910		48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	880		58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	870		57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	940		45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	940		52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	950		46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	800		52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.598		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	22.921		20-120		57	SPK: -40
4165-62-2	Phenol-d5	24.798		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.076		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.221		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	24.122		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	27.752		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.056		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.574		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.613		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.143		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	25.708		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.342		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	23.68		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	SLCS165	SDG No.:	BN101724
Lab Sample ID:	PB164165BS	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
BN034640.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164165

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.388		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	25.58		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	26.877		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.485		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	344023	7.664				
1146-65-2	Naphthalene-d8	1386433	10.44				
15067-26-2	Acenaphthene-d10	719461	14.298				
1517-22-2	Phenanthrene-d10	1101442	17.04				
1719-03-5	Chrysene-d12	835554	21.263				
1520-96-3	Perylene-d12	1032115	24.157				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN101724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : EOAX0								
P4346-10	EOAX0	Solid	Benzophenone	*	270.000	J		
P4346-10	EOAX0	Solid	Total Alkanes	*	0.000	150	560	ug/Kg
Total Tics :						270.00		
Total Concentration:						270.00		
Client ID : EOAX1								
P4346-11	EOAX1	Solid	Benzophenone	*	360.000	J		
P4346-11	EOAX1	Solid	Total Alkanes	*	0.000	140	500	ug/Kg
Total Tics :						360.00		
P4346-11	EOAX1	Solid	Fluoranthene		170.000	J 130	500	ug/Kg
P4346-11	EOAX1	Solid	Pyrene		140.000	J 140	500	ug/Kg
Total Svoc :						310.00		
Total Concentration:						670.00		
Client ID : EOAX2								
P4346-12	EOAX2	Solid	Benzophenone	*	760.000	J		
P4346-12	EOAX2	Solid	Total Alkanes	*	0.000	160	580	ug/Kg
Total Tics :						760.00		
Total Concentration:						760.00		
Client ID : EOAX3								
P4346-13	EOAX3	Solid	Benzophenone	*	1,100.000	J		
P4346-13	EOAX3	Solid	n-Hexadecanoic acid	*	260.000	J		
P4346-13	EOAX3	Solid	Total Alkanes	*	0.000	150	570	ug/Kg
Total Tics :						1,360.00		
Total Concentration:						1,360.00		
Client ID : EOAX4								
P4346-14	EOAX4	Solid	Benzophenone	*	490.000	J		
P4346-14	EOAX4	Solid	n-Hexadecanoic acid	*	300.000	J		
P4346-14	EOAX4	Solid	Total Alkanes	*	0.000	140	510	ug/Kg
Total Tics :						790.00		
P4346-14	EOAX4	Solid	Benzo(a)anthracene		170.000	J 120	510	ug/Kg
P4346-14	EOAX4	Solid	Benzo(a)pyrene		170.000	J 170	510	ug/Kg
P4346-14	EOAX4	Solid	Benzo(b)fluoranthene		240.000	J 140	510	ug/Kg
P4346-14	EOAX4	Solid	Bis(2-ethylhexyl)phthalate		130.000	J 130	510	ug/Kg
P4346-14	EOAX4	Solid	Chrysene		180.000	J 140	510	ug/Kg
P4346-14	EOAX4	Solid	Fluoranthene		360.000	J 130	510	ug/Kg
P4346-14	EOAX4	Solid	Phenanthrene		200.000	J 160	510	ug/Kg
P4346-14	EOAX4	Solid	Pyrene		300.000	J 140	510	ug/Kg

Hit Summary Sheet

SW-846

SDG No.: BN101724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Svoc :				1,750.00				
Total Concentration:				2,540.00				
Client ID : EOAX5								
P4346-15	EOAX5	Solid	Benzophenone	*	680.000	J		
P4346-15	EOAX5	Solid	n-Hexadecanoic acid	*	240.000	J		
P4346-15	EOAX5	Solid	Total Alkanes	*	0.000	140	520	ug/Kg
Total Tics :				920.00				
Total Concentration:				920.00				
Client ID : EOAX7								
P4346-17	EOAX7	Solid	4H-Cyclopenta[def]phenanthrene	*	89.000	J		
P4346-17	EOAX7	Solid	Benzophenone	*	350.000	J		
P4346-17	EOAX7	Solid	n-Hexadecanoic acid	*	130.000	J		
P4346-17	EOAX7	Solid	Perylene	*	99.000	J		
P4346-17	EOAX7	Solid	Total Alkanes	*	0.000	58	210	ug/Kg
Total Tics :				668.00				
P4346-17	EOAX7	Solid	Acenaphthene		66.000	J	63	210 ug/Kg
P4346-17	EOAX7	Solid	Anthracene		88.000	J	59	210 ug/Kg
P4346-17	EOAX7	Solid	Benzo(a)anthracene		190.000	J	49	210 ug/Kg
P4346-17	EOAX7	Solid	Benzo(a)pyrene		180.000	J	72	210 ug/Kg
P4346-17	EOAX7	Solid	Benzo(b)fluoranthene		250.000		60	210 ug/Kg
P4346-17	EOAX7	Solid	Benzo(g,h,i)perylene		110.000	J	58	210 ug/Kg
P4346-17	EOAX7	Solid	Benzo(k)fluoranthene		83.000	J	73	210 ug/Kg
P4346-17	EOAX7	Solid	Bis(2-ethylhexyl)phthalate		110.000	J	54	210 ug/Kg
P4346-17	EOAX7	Solid	Chrysene		220.000		58	210 ug/Kg
P4346-17	EOAX7	Solid	Dibenzofuran		52.000	J	50	210 ug/Kg
P4346-17	EOAX7	Solid	Fluoranthene		440.000		56	210 ug/Kg
P4346-17	EOAX7	Solid	Fluorene		82.000	J	73	210 ug/Kg
P4346-17	EOAX7	Solid	Indeno(1,2,3-cd)pyrene		97.000	J	56	210 ug/Kg
P4346-17	EOAX7	Solid	Phenanthrene		230.000		67	210 ug/Kg
P4346-17	EOAX7	Solid	Pyrene		320.000		58	210 ug/Kg
Total Svoc :				2,518.00				
Total Concentration:				3,186.00				
Client ID : EOAX9								
P4346-19	EOAX9	Solid	Benzophenone	*	750.000	J		
P4346-19	EOAX9	Solid	n-Hexadecanoic acid	*	210.000	J		
P4346-19	EOAX9	Solid	Total Alkanes	*	0.000	150	540	ug/Kg
Total Tics :				960.00				
Total Concentration:				960.00				
Client ID : A4E82								

Hit Summary Sheet
SW-846

SDG No.: BN101724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4352-02	A4E82	Solid	1,1-Biphenyl, 2-methyl-	*	68.000	J		
P4352-02	A4E82	Solid	2,6,6-Trimethyl-2-cyclohexene-1,	*	120.000	J		
P4352-02	A4E82	Solid	9,10-Anthracenedione	*	120.000	J		
P4352-02	A4E82	Solid	Benzene, 1,2-dichloro-	*	5,500.000	J		
P4352-02	A4E82	Solid	Benzophenone	*	300.000	J		
P4352-02	A4E82	Solid	n-Hexadecanoic acid	*	100.000	J		
P4352-02	A4E82	Solid	Triacontan-15-ol	*	95.000	J		
P4352-02	A4E82	Solid	Total Alkanes	*	0.000	46	170	ug/Kg
Total Tics :				6,303.00				
P4352-02	A4E82	Solid	2,4,5-Trichlorophenol		1,200.000	49	170	ug/Kg
P4352-02	A4E82	Solid	2,4,6-Trichlorophenol		5,300.000	E 50	170	ug/Kg
P4352-02	A4E82	Solid	2,4-Dichlorophenol		3,000.000	E 34	170	ug/Kg
P4352-02	A4E82	Solid	2,4-Dinitrotoluene		4,700.000	E 13	170	ug/Kg
P4352-02	A4E82	Solid	2,6-Dinitrotoluene		7,300.000	E 26	170	ug/Kg
P4352-02	A4E82	Solid	2-Chlorophenol		2,600.000	22	170	ug/Kg
P4352-02	A4E82	Solid	2-Methylnaphthalene		1,600.000	37	170	ug/Kg
P4352-02	A4E82	Solid	2-Nitrophenol		1,500.000	30	170	ug/Kg
P4352-02	A4E82	Solid	4-Bromophenyl-phenylether		1,100.000	98	170	ug/Kg
P4352-02	A4E82	Solid	4-Chloro-3-methylphenol		1,200.000	36	170	ug/Kg
P4352-02	A4E82	Solid	4-Chlorophenyl-phenylether		1,400.000	48	170	ug/Kg
P4352-02	A4E82	Solid	4-Nitrophenol		2,500.000	11	330	ug/Kg
P4352-02	A4E82	Solid	Acenaphthene		3,200.000	E 50	170	ug/Kg
P4352-02	A4E82	Solid	Acenaphthylene		590.000	46	170	ug/Kg
P4352-02	A4E82	Solid	Anthracene		1,200.000	47	170	ug/Kg
P4352-02	A4E82	Solid	Benzo(a)anthracene		3,300.000	E 39	170	ug/Kg
P4352-02	A4E82	Solid	Benzo(a)pyrene		1,000.000	56	170	ug/Kg
P4352-02	A4E82	Solid	Benzo(b)fluoranthene		4,600.000	E 48	170	ug/Kg
P4352-02	A4E82	Solid	Benzo(g,h,i)perylene		800.000	46	170	ug/Kg
P4352-02	A4E82	Solid	Bis(2-Chloroethoxy)methane		5,200.000	E 31	170	ug/Kg
P4352-02	A4E82	Solid	Bis(2-Chloroethyl)ether		5,600.000	E 35	330	ug/Kg
P4352-02	A4E82	Solid	Bis(2-ethylhexyl)phthalate		4,700.000	E 43	170	ug/Kg
P4352-02	A4E82	Solid	Butylbenzylphthalate		1,200.000	43	170	ug/Kg
P4352-02	A4E82	Solid	Chrysene		4,900.000	E 46	170	ug/Kg
P4352-02	A4E82	Solid	Di-n-butylphthalate		4,100.000	E 56	170	ug/Kg
P4352-02	A4E82	Solid	Dibenzo(a,h)anthracene		2,200.000	51	170	ug/Kg
P4352-02	A4E82	Solid	Fluoranthene		4,100.000	E 45	170	ug/Kg
P4352-02	A4E82	Solid	Fluorene		4,500.000	E 57	170	ug/Kg
P4352-02	A4E82	Solid	Hexachlorobenzene		5,900.000	E 50	170	ug/Kg
P4352-02	A4E82	Solid	Hexachlorobutadiene		4,000.000	E 26	170	ug/Kg
P4352-02	A4E82	Solid	Hexachloroethane		3,800.000	E 16	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN101724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4352-02	A4E82	Solid	Indeno(1,2,3-cd)pyrene	870.000		45	170	ug/Kg
P4352-02	A4E82	Solid	Isophorone	4,500.000	E	36	170	ug/Kg
P4352-02	A4E82	Solid	N-Nitroso-di-n-propylamine	5,200.000	E	37	170	ug/Kg
P4352-02	A4E82	Solid	Nitrobenzene	1,200.000		27	170	ug/Kg
P4352-02	A4E82	Solid	Pentachlorophenol	5,800.000	E	38	330	ug/Kg
P4352-02	A4E82	Solid	Phenanthrene	1,300.000		52	170	ug/Kg
P4352-02	A4E82	Solid	Phenol	1,000.000		45	330	ug/Kg
P4352-02	A4E82	Solid	Pyrene	1,800.000		46	170	ug/Kg

Total Svoc :

119,960.00

Total Concentration:

126,263.00

Client ID : A4E82DL

P4352-02DL	A4E82DL	Solid	Benzene, 1,3-dichloro-	*	5,700.000	JD		
P4352-02DL	A4E82DL	Solid	Total Alkanes	*	0.000	D	230	840 ug/Kg

Total Tics :

5,700.00

P4352-02DL	A4E82DL	Solid	2,4,5-Trichlorophenol		1,200.000	D	240	840 ug/Kg
P4352-02DL	A4E82DL	Solid	2,4,6-Trichlorophenol		4,900.000	D	250	840 ug/Kg
P4352-02DL	A4E82DL	Solid	2,4-Dichlorophenol		2,900.000	D	170	840 ug/Kg
P4352-02DL	A4E82DL	Solid	2,4-Dinitrotoluene		4,300.000	D	64	840 ug/Kg
P4352-02DL	A4E82DL	Solid	2,6-Dinitrotoluene		6,800.000	D	130	840 ug/Kg
P4352-02DL	A4E82DL	Solid	2-Chlorophenol		2,600.000	D	110	840 ug/Kg
P4352-02DL	A4E82DL	Solid	2-Methylnaphthalene		1,600.000	D	180	840 ug/Kg
P4352-02DL	A4E82DL	Solid	2-Nitrophenol		1,200.000	D	150	840 ug/Kg
P4352-02DL	A4E82DL	Solid	4-Bromophenyl-phenylether		1,100.000	D	490	840 ug/Kg
P4352-02DL	A4E82DL	Solid	4-Chloro-3-methylphenol		1,100.000	D	180	840 ug/Kg
P4352-02DL	A4E82DL	Solid	4-Chlorophenyl-phenylether		1,500.000	D	240	840 ug/Kg
P4352-02DL	A4E82DL	Solid	4-Nitrophenol		2,300.000	D	54	1600 ug/Kg
P4352-02DL	A4E82DL	Solid	Acenaphthene		3,300.000	D	250	840 ug/Kg
P4352-02DL	A4E82DL	Solid	Acenaphthylene		570.000	JD	230	840 ug/Kg
P4352-02DL	A4E82DL	Solid	Anthracene		1,200.000	D	230	840 ug/Kg
P4352-02DL	A4E82DL	Solid	Benzo(a)anthracene		3,200.000	D	190	840 ug/Kg
P4352-02DL	A4E82DL	Solid	Benzo(a)pyrene		990.000	D	280	840 ug/Kg
P4352-02DL	A4E82DL	Solid	Benzo(b)fluoranthene		4,700.000	D	240	840 ug/Kg
P4352-02DL	A4E82DL	Solid	Benzo(g,h,i)perylene		740.000	JD	230	840 ug/Kg
P4352-02DL	A4E82DL	Solid	Bis(2-Chloroethoxy)methane		5,300.000	D	150	840 ug/Kg
P4352-02DL	A4E82DL	Solid	Bis(2-Chloroethyl)ether		5,600.000	D	170	1600 ug/Kg
P4352-02DL	A4E82DL	Solid	Bis(2-ethylhexyl)phthalate		4,800.000	D	210	840 ug/Kg
P4352-02DL	A4E82DL	Solid	Butylbenzylphthalate		1,000.000	D	210	840 ug/Kg
P4352-02DL	A4E82DL	Solid	Chrysene		5,000.000	D	230	840 ug/Kg
P4352-02DL	A4E82DL	Solid	Di-n-butylphthalate		4,400.000	D	280	840 ug/Kg
P4352-02DL	A4E82DL	Solid	Dibenzo(a,h)anthracene		2,100.000	D	260	840 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN101724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4352-02DL	A4E82DL	Solid	Fluoranthene	4,000.000	D	220	840	ug/Kg
P4352-02DL	A4E82DL	Solid	Fluorene	4,900.000	D	290	840	ug/Kg
P4352-02DL	A4E82DL	Solid	Hexachlorobenzene	5,900.000	D	250	840	ug/Kg
P4352-02DL	A4E82DL	Solid	Hexachlorobutadiene	3,900.000	D	130	840	ug/Kg
P4352-02DL	A4E82DL	Solid	Hexachloroethane	3,700.000	D	79	840	ug/Kg
P4352-02DL	A4E82DL	Solid	Indeno(1,2,3-cd)pyrene	820.000	JD	220	840	ug/Kg
P4352-02DL	A4E82DL	Solid	Isophorone	4,600.000	D	180	840	ug/Kg
P4352-02DL	A4E82DL	Solid	N-Nitroso-di-n-propylamine	5,400.000	D	180	840	ug/Kg
P4352-02DL	A4E82DL	Solid	Nitrobenzene	1,100.000	D	130	840	ug/Kg
P4352-02DL	A4E82DL	Solid	Pentachlorophenol	5,400.000	D	190	1600	ug/Kg
P4352-02DL	A4E82DL	Solid	Phenanthrene	1,300.000	D	260	840	ug/Kg
P4352-02DL	A4E82DL	Solid	Phenol	990.000	JD	220	1600	ug/Kg
P4352-02DL	A4E82DL	Solid	Pyrene	1,700.000	D	230	840	ug/Kg

Total Svoc : 118,110.00

Total Concentration: 123,810.00

Client ID : A4FD0

P4352-04	A4FD0	Solid	Benzophenone	*	170.000	J		
P4352-04	A4FD0	Solid	Dichloroacetic acid, heptadecyl es	*	150.000	J		
P4352-04	A4FD0	Solid	n-Hexadecanoic acid	*	170.000	J		
P4352-04	A4FD0	Solid	Total Alkanes	*	0.000	65	240	ug/Kg

Total Tics : 490.00

P4352-04	A4FD0	Solid	Phenol		65.000	J	63	460 ug/Kg
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Total Svoc : 65.00

Total Concentration: 555.00

Client ID : A4E85

P4360-02	A4E85	Solid	(DEL) Alkane: Straight-Chain23.4	*	81.000	J		
P4360-02	A4E85	Solid	(DEL) Alkane: Straight-Chain25.2	*	79.000	J		
P4360-02	A4E85	Solid	1,1-Biphenyl, 2-methyl-	*	87.000	J		
P4360-02	A4E85	Solid	1-Heptacosanol	*	150.000	J		
P4360-02	A4E85	Solid	10,18-Bisnorabieta-8,11,13-triene	*	70.000	J		
P4360-02	A4E85	Solid	2,6,6-Trimethyl-2-cyclohexene-1,	*	170.000	J		
P4360-02	A4E85	Solid	9,10-Anthracenedione	*	150.000	J		
P4360-02	A4E85	Solid	Benzene, 1,2-dichloro-	*	6,900.000	J		
P4360-02	A4E85	Solid	Benzophenone	*	390.000	J		
P4360-02	A4E85	Solid	n-Hexadecanoic acid	*	130.000	J		
P4360-02	A4E85	Solid	Total Alkanes	*	160.000	46	170	ug/Kg

Total Tics : 8,367.00

P4360-02	A4E85	Solid	2,4,5-Trichlorophenol		1,600.000	49	170	ug/Kg
P4360-02	A4E85	Solid	2,4,6-Trichlorophenol	E	6,900.000	50	170	ug/Kg
P4360-02	A4E85	Solid	2,4-Dichlorophenol	E	4,200.000	34	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN101724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4360-02	A4E85	Solid	2,4-Dinitrotoluene	6,200.000	E	13	170	ug/Kg
P4360-02	A4E85	Solid	2,6-Dinitrotoluene	9,600.000	E	26	170	ug/Kg
P4360-02	A4E85	Solid	2-Chlorophenol	3,400.000	E	22	170	ug/Kg
P4360-02	A4E85	Solid	2-Methylnaphthalene	2,100.000		37	170	ug/Kg
P4360-02	A4E85	Solid	2-Nitrophenol	2,100.000		30	170	ug/Kg
P4360-02	A4E85	Solid	4-Bromophenyl-phenylether	1,500.000		99	170	ug/Kg
P4360-02	A4E85	Solid	4-Chloro-3-methylphenol	1,500.000		36	170	ug/Kg
P4360-02	A4E85	Solid	4-Chlorophenyl-phenylether	1,800.000		48	170	ug/Kg
P4360-02	A4E85	Solid	4-Nitrophenol	3,300.000		11	330	ug/Kg
P4360-02	A4E85	Solid	Acenaphthene	4,200.000	E	50	170	ug/Kg
P4360-02	A4E85	Solid	Acenaphthylene	790.000		46	170	ug/Kg
P4360-02	A4E85	Solid	Anthracene	1,500.000		47	170	ug/Kg
P4360-02	A4E85	Solid	Benzo(a)anthracene	4,300.000	E	39	170	ug/Kg
P4360-02	A4E85	Solid	Benzo(a)pyrene	1,400.000		57	170	ug/Kg
P4360-02	A4E85	Solid	Benzo(b)fluoranthene	5,900.000	E	48	170	ug/Kg
P4360-02	A4E85	Solid	Benzo(g,h,i)perylene	1,100.000		46	170	ug/Kg
P4360-02	A4E85	Solid	Bis(2-Chloroethoxy)methane	7,200.000	E	31	170	ug/Kg
P4360-02	A4E85	Solid	Bis(2-Chloroethyl)ether	7,300.000	E	35	330	ug/Kg
P4360-02	A4E85	Solid	Bis(2-ethylhexyl)phthalate	6,200.000	E	43	170	ug/Kg
P4360-02	A4E85	Solid	Butylbenzylphthalate	1,700.000		43	170	ug/Kg
P4360-02	A4E85	Solid	Chrysene	6,200.000	E	46	170	ug/Kg
P4360-02	A4E85	Solid	Di-n-butylphthalate	5,400.000	E	57	170	ug/Kg
P4360-02	A4E85	Solid	Dibenzo(a,h)anthracene	3,000.000	E	52	170	ug/Kg
P4360-02	A4E85	Solid	Fluoranthene	5,100.000	E	45	170	ug/Kg
P4360-02	A4E85	Solid	Fluorene	5,700.000	E	58	170	ug/Kg
P4360-02	A4E85	Solid	Hexachlorobenzene	7,400.000	E	50	170	ug/Kg
P4360-02	A4E85	Solid	Hexachlorobutadiene	5,400.000	E	26	170	ug/Kg
P4360-02	A4E85	Solid	Hexachloroethane	4,900.000	E	16	170	ug/Kg
P4360-02	A4E85	Solid	Indeno(1,2,3-cd)pyrene	1,100.000		45	170	ug/Kg
P4360-02	A4E85	Solid	Isophorone	6,100.000	E	36	170	ug/Kg
P4360-02	A4E85	Solid	N-Nitroso-di-n-propylamine	7,200.000	E	37	170	ug/Kg
P4360-02	A4E85	Solid	Nitrobenzene	1,600.000		27	170	ug/Kg
P4360-02	A4E85	Solid	Pentachlorophenol	7,700.000	E	38	330	ug/Kg
P4360-02	A4E85	Solid	Phenanthrene	1,600.000		53	170	ug/Kg
P4360-02	A4E85	Solid	Phenol	1,300.000		45	330	ug/Kg
P4360-02	A4E85	Solid	Pyrene	2,400.000		46	170	ug/Kg

Total Svoc :

157,890.00

Total Concentration:

166,257.00

Client ID : A4E85DL

P4360-02DL A4E85DL

Solid

Benzene, 1,4-dichloro-

*

6,800.000 JD

Hit Summary Sheet
SW-846

SDG No.: BN101724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4360-02DL	A4E85DL	Solid	Benzophenone	*	390.000	JD		
P4360-02DL	A4E85DL	Solid	Total Alkanes	*	0.000	D 230	850	ug/Kg
Total Tics :				7,190.00				
P4360-02DL	A4E85DL	Solid	2,4,5-Trichlorophenol	1,500.000	D	240	850	ug/Kg
P4360-02DL	A4E85DL	Solid	2,4,6-Trichlorophenol	7,200.000	D	250	850	ug/Kg
P4360-02DL	A4E85DL	Solid	2,4-Dichlorophenol	4,300.000	D	170	850	ug/Kg
P4360-02DL	A4E85DL	Solid	2,4-Dinitrotoluene	5,600.000	D	65	850	ug/Kg
P4360-02DL	A4E85DL	Solid	2,6-Dinitrotoluene	9,200.000	D	130	850	ug/Kg
P4360-02DL	A4E85DL	Solid	2-Chlorophenol	3,500.000	D	110	850	ug/Kg
P4360-02DL	A4E85DL	Solid	2-Methylnaphthalene	2,200.000	D	180	850	ug/Kg
P4360-02DL	A4E85DL	Solid	2-Nitrophenol	1,800.000	D	150	850	ug/Kg
P4360-02DL	A4E85DL	Solid	4-Bromophenyl-phenylether	1,500.000	D	490	850	ug/Kg
P4360-02DL	A4E85DL	Solid	4-Chloro-3-methylphenol	1,500.000	D	180	850	ug/Kg
P4360-02DL	A4E85DL	Solid	4-Chlorophenyl-phenylether	2,100.000	D	240	850	ug/Kg
P4360-02DL	A4E85DL	Solid	4-Nitrophenol	3,100.000	D	55	1600	ug/Kg
P4360-02DL	A4E85DL	Solid	Acenaphthene	4,700.000	D	250	850	ug/Kg
P4360-02DL	A4E85DL	Solid	Acenaphthylene	820.000	JD	230	850	ug/Kg
P4360-02DL	A4E85DL	Solid	Anthracene	1,600.000	D	230	850	ug/Kg
P4360-02DL	A4E85DL	Solid	Benzo(a)anthracene	4,600.000	D	190	850	ug/Kg
P4360-02DL	A4E85DL	Solid	Benzo(a)pyrene	1,400.000	D	280	850	ug/Kg
P4360-02DL	A4E85DL	Solid	Benzo(b)fluoranthene	6,300.000	D	240	850	ug/Kg
P4360-02DL	A4E85DL	Solid	Benzo(g,h,i)perylene	1,000.000	D	230	850	ug/Kg
P4360-02DL	A4E85DL	Solid	Bis(2-Chloroethoxy)methane	7,800.000	D	150	850	ug/Kg
P4360-02DL	A4E85DL	Solid	Bis(2-Chloroethyl)ether	7,900.000	D	170	1600	ug/Kg
P4360-02DL	A4E85DL	Solid	Bis(2-ethylhexyl)phthalate	6,500.000	D	210	850	ug/Kg
P4360-02DL	A4E85DL	Solid	Butylbenzylphthalate	1,400.000	D	210	850	ug/Kg
P4360-02DL	A4E85DL	Solid	Chrysene	7,100.000	D	230	850	ug/Kg
P4360-02DL	A4E85DL	Solid	Di-n-butylphthalate	6,100.000	D	280	850	ug/Kg
P4360-02DL	A4E85DL	Solid	Dibenzo(a,h)anthracene	3,000.000	D	260	850	ug/Kg
P4360-02DL	A4E85DL	Solid	Fluoranthene	5,800.000	D	220	850	ug/Kg
P4360-02DL	A4E85DL	Solid	Fluorene	6,700.000	D	290	850	ug/Kg
P4360-02DL	A4E85DL	Solid	Hexachlorobenzene	8,000.000	D	250	850	ug/Kg
P4360-02DL	A4E85DL	Solid	Hexachlorobutadiene	5,900.000	D	130	850	ug/Kg
P4360-02DL	A4E85DL	Solid	Hexachloroethane	5,200.000	D	80	850	ug/Kg
P4360-02DL	A4E85DL	Solid	Indeno(1,2,3-cd)pyrene	1,100.000	D	220	850	ug/Kg
P4360-02DL	A4E85DL	Solid	Isophorone	6,600.000	D	180	850	ug/Kg
P4360-02DL	A4E85DL	Solid	N-Nitroso-di-n-propylamine	7,400.000	D	180	850	ug/Kg
P4360-02DL	A4E85DL	Solid	Nitrobenzene	1,600.000	D	130	850	ug/Kg
P4360-02DL	A4E85DL	Solid	Pentachlorophenol	6,900.000	D	190	1600	ug/Kg
P4360-02DL	A4E85DL	Solid	Phenanthrene	1,700.000	D	260	850	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN101724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4360-02DL	A4E85DL	Solid	Phenol	1,300.000	JD	220	1600	ug/Kg
P4360-02DL	A4E85DL	Solid	Pyrene	2,500.000	D	230	850	ug/Kg
Total Svoc :				164,420.00				
Total Concentration:				171,610.00				
Client ID : A4FC7								
P4360-04	A4FC7	Solid	4b,8-Dimethyl-2-isopropylphenan *	140.000	J			
P4360-04	A4FC7	Solid	Benzophenone *	95.000	J			
P4360-04	A4FC7	Solid	Cyclobutane, ethenyl-	460.000	J			
P4360-04	A4FC7	Solid	Total Alkanes *	0.000		60	220	ug/Kg
Total Tics :				695.00				
P4360-04	A4FC7	Solid	Acetophenone	79.000	J	77	430	ug/Kg
P4360-04	A4FC7	Solid	Benzo(a)anthracene	53.000	J	51	220	ug/Kg
P4360-04	A4FC7	Solid	Benzo(b)fluoranthene	73.000	J	62	220	ug/Kg
P4360-04	A4FC7	Solid	Chrysene	62.000	J	60	220	ug/Kg
P4360-04	A4FC7	Solid	Fluoranthene	130.000	J	59	220	ug/Kg
P4360-04	A4FC7	Solid	Phenanthrene	81.000	J	69	220	ug/Kg
P4360-04	A4FC7	Solid	Pyrene	81.000	J	60	220	ug/Kg
Total Svoc :				559.00				
Total Concentration:				1,254.00				
Client ID : A4FC8								
P4360-05	A4FC8	Solid	(DEL) Alkane: Straight-Chain23.4 *	240.000	J			
P4360-05	A4FC8	Solid	1,2-Cyclohexanedicarboxylic acid *	120.000	J			
P4360-05	A4FC8	Solid	4b,8-Dimethyl-2-isopropylphenan *	410.000	J			
P4360-05	A4FC8	Solid	Anthracene, 2-methyl- *	140.000	J			
P4360-05	A4FC8	Solid	Benzophenone *	130.000	J			
P4360-05	A4FC8	Solid	Cyclohexene *	310.000	J			
P4360-05	A4FC8	Solid	Total Alkanes *	240.000		57	210	ug/Kg
Total Tics :				1,590.00				
P4360-05	A4FC8	Solid	Acetophenone	210.000	J	74	410	ug/Kg
P4360-05	A4FC8	Solid	Benzo(a)anthracene	180.000	J	49	210	ug/Kg
P4360-05	A4FC8	Solid	Benzo(a)pyrene	95.000	J	71	210	ug/Kg
P4360-05	A4FC8	Solid	Benzo(b)fluoranthene	260.000		60	210	ug/Kg
P4360-05	A4FC8	Solid	Benzo(k)fluoranthene	87.000	J	72	210	ug/Kg
P4360-05	A4FC8	Solid	Bis(2-ethylhexyl)phthalate	59.000	J	54	210	ug/Kg
P4360-05	A4FC8	Solid	Chrysene	220.000		57	210	ug/Kg
P4360-05	A4FC8	Solid	Fluoranthene	450.000		56	210	ug/Kg
P4360-05	A4FC8	Solid	Indeno(1,2,3-cd)pyrene	73.000	J	56	210	ug/Kg
P4360-05	A4FC8	Solid	Phenanthrene	270.000		66	210	ug/Kg
P4360-05	A4FC8	Solid	Phenol	59.000	J	56	410	ug/Kg
P4360-05	A4FC8	Solid	Pyrene	300.000		57	210	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BN101724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :			2,263.00		
			Total Concentration:			3,853.00		
Client ID : A4FC9								
P4360-08	A4FC9	Solid	Benzophenone	*	140.000	J		
P4360-08	A4FC9	Solid	n-Hexadecanoic acid	*	87.000	J		
P4360-08	A4FC9	Solid	Total Alkanes	*	0.000	56	210	ug/Kg
			Total Tics :			227.00		
P4360-08	A4FC9	Solid	Acetophenone		95.000	J 71	400	ug/Kg
P4360-08	A4FC9	Solid	Bis(2-ethylhexyl)phthalate		66.000	J 52	210	ug/Kg
P4360-08	A4FC9	Solid	Fluoranthene		83.000	J 54	210	ug/Kg
P4360-08	A4FC9	Solid	Pyrene		57.000	J 56	210	ug/Kg
			Total Svoc :			301.00		
			Total Concentration:			528.00		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN101624 SAS No.: BN101624 SDG No.: BN101624
Instrument ID: _____ Calibration Date(s): 10/16/2024
Calibration Time(s): 12:00

LAB FILE ID:		RRFAL1 = BN034606.D		RRFAL2 = BN034607.D		RRFAL3 = BN034608.D		
		RRFAL4 = BN034609.D		RRFAL5 = BN034610.D		RRFAL6 = BN034611.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.517	0.541	0.562	0.533	0.532		0.537	3.0
Benzaldehyde		1.112	1.139	1.111	0.948	0.507	0.963	27.6
Pyridine		1.481	1.530	1.499	1.483	1.433	1.485	2.4
Hexachloroethane	0.527	0.542	0.568	0.568	0.556		0.552	3.2
Nitrobenzene	0.301	0.325	0.350	0.346	0.342		0.333	6.0
Isophorone	0.620	0.642	0.690	0.678	0.660		0.658	4.2
2-Nitrophenol	0.098	0.114	0.136	0.146	0.153		0.129	17.9
2,4-Dimethylphenol	0.305	0.316	0.338	0.333	0.321		0.323	4.1
Bis(2-Chloroethoxy)methane	0.388	0.401	0.426	0.413	0.402		0.406	3.5
2,4-Dichlorophenol	0.237	0.244	0.269	0.266	0.267		0.256	5.8
Naphthalene	0.974	1.002	1.061	1.008	0.982		1.005	3.4
4-Chloroaniline		0.407	0.434	0.423	0.406	0.392	0.412	4.0
Hexachlorobutadiene	0.153	0.150	0.159	0.158	0.151		0.154	2.8
Phenol		1.653	1.747	1.741	1.729	1.700	1.714	2.3
Caprolactam		0.090	0.101	0.103	0.104	0.101	0.100	5.4
4-Chloro-3-methylphenol	0.253	0.274	0.306	0.302	0.300		0.287	7.9
1-Methylnaphthalene	0.654	0.674	0.699	0.683	0.660		0.674	2.7
2-Methylnaphthalene	0.638	0.651	0.691	0.676	0.653		0.662	3.2
Hexachlorocyclopentadiene		0.234	0.258	0.274	0.271	0.268	0.261	6.3
2,4,6-Trichlorophenol	0.248	0.268	0.296	0.304	0.311		0.285	9.3
2,4,5-Trichlorophenol	0.279	0.306	0.322	0.334	0.339		0.316	7.7
1,1-Biphenyl	1.344	1.390	1.420	1.384	1.330		1.373	2.6
2-Chloronaphthalene	1.042	1.092	1.103	1.089	1.041		1.073	2.8
2-Nitroaniline	0.220	0.252	0.292	0.319	0.325		0.282	15.9
Bis(2-Chloroethyl)ether		1.329	1.387	1.385	1.356	1.299	1.351	2.8
Dimethylphthalate	1.229	1.272	1.303	1.304	1.246		1.271	2.6
2,6-Dinitrotoluene	0.165	0.192	0.228	0.254	0.261		0.220	18.6
Acenaphthylene	1.654	1.725	1.754	1.739	1.643		1.703	3.0
3-Nitroaniline		0.235	0.285	0.305	0.303	0.277	0.281	10.0
Acenaphthene	1.158	1.199	1.216	1.207	1.136		1.183	2.9
2,4-Dinitrophenol		0.049	0.064	0.084	0.104	0.128	0.086	36.5
4-Nitrophenol		0.156	0.176	0.181	0.176	0.175	0.173	5.7
Dibenzofuran	1.528	1.595	1.622	1.594	1.522		1.572	2.8
2,4-Dinitrotoluene	0.224	0.273	0.327	0.367	0.379		0.314	20.8
Diethylphthalate	1.220	1.275	1.338	1.327	1.286		1.289	3.6
2-Chlorophenol	1.236	1.301	1.355	1.361	1.367		1.324	4.2

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.: BN101624 SAS No.: BN101624 SDG No.: BN101624

Instrument ID: _____ Calibration Date(s): 10/16/2024

Calibration Time(s): 12:00

LAB FILE ID:		RRFAL1 = BN034606.D		RRFAL2 = BN034607.D		RRFAL3 = BN034608.D		
		RRFAL4 = BN034609.D		RRFAL5 = BN034610.D		RRFAL6 = BN034611.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.259	1.294	1.308	1.282	1.191		1.267	3.6
4-Chlorophenyl-phenylether	0.571	0.579	0.580	0.579	0.535		0.569	3.4
4-Nitroaniline		0.261	0.303	0.317	0.294	0.224	0.280	13.4
4,6-Dinitro-2-methylphenol		0.049	0.065	0.079	0.092	0.103	0.078	27.8
N-Nitrosodiphenylamine	0.545	0.556	0.586	0.577	0.554		0.564	3.0
1,2,4,5-Tetrachlorobenzene	0.480	0.496	0.505	0.495	0.482		0.491	2.2
4-Bromophenyl-phenylether	0.169	0.170	0.176	0.177	0.178		0.174	2.5
Hexachlorobenzene	0.194	0.200	0.199	0.204	0.203		0.200	1.9
Atrazine		0.178	0.195	0.197	0.192	0.182	0.189	4.5
Pentachlorophenol		0.084	0.100	0.112	0.117	0.123	0.107	14.4
2-Methylphenol		1.206	1.280	1.284	1.290	1.266	1.265	2.7
Phenanthrene	1.000	1.006	1.018	1.011	0.957		0.998	2.4
Pentachlorobenzene	0.235	0.237	0.245	0.245	0.236		0.240	2.1
Anthracene	1.021	1.031	1.052	1.048	1.005		1.031	1.9
1,2,3,4-Tetrachlorobenzene	0.245	0.248	0.254	0.255	0.251		0.250	1.7
Carbazole		0.954	1.024	0.984	0.945	0.868	0.955	6.1
Di-n-butylphthalate	1.028	1.064	1.159	1.162	1.143		1.111	5.5
Fluoranthene	1.199	1.233	1.286	1.231	1.212		1.232	2.7
Pyrene	1.271	1.313	1.393	1.299	1.286		1.312	3.6
Butylbenzylphthalate	0.372	0.427	0.517	0.546	0.571		0.487	17.3
3,3-Dichlorobenzidine		0.385	0.429	0.428	0.408	0.362	0.402	7.2
2,2-oxybis(1-Chloropropane)		2.030	2.104	2.099	2.046	1.900	2.036	4.1
Benzo(a)anthracene	1.222	1.275	1.327	1.290	1.240		1.271	3.3
Chrysene	1.172	1.191	1.257	1.215	1.195		1.206	2.7
Bis(2-ethylhexyl)phthalate	0.630	0.708	0.791	0.837	0.850		0.763	12.2
Di-n-octyl phthalate		1.001	1.157	1.238	1.240	1.175	1.162	8.4
Benzo(b)fluoranthene	1.003	1.046	1.137	1.110	1.078		1.075	4.9
Benzo(k)fluoranthene	1.027	1.082	1.150	1.127	1.105		1.098	4.3
Benzo(a)pyrene	0.957	1.024	1.088	1.072	1.062		1.041	5.0
Indeno(1,2,3-cd)pyrene	1.183	1.297	1.348	1.344	1.317		1.298	5.2
Dibenzo(a,h)anthracene	0.960	1.039	1.102	1.099	1.075		1.055	5.6
Benzo(g,h,i)perylene	0.927	0.991	1.060	1.035	1.025		1.008	5.1
Acetophenone		1.989	2.107	2.091	2.074	1.953	2.043	3.3
2,3,4,6-Tetrachlorophenol	0.190	0.207	0.231	0.249	0.256		0.227	12.2
1,4-Dioxane-d8	0.524	0.489	0.505	0.495	0.486		0.500	3.1
Pyridine-d5		1.447	1.501	1.474	1.470	1.405	1.459	2.4

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN101624 SAS No.: BN101624 SDG No.: BN101624
Instrument ID: _____ Calibration Date(s): 10/16/2024 _____
Calibration Time(s): 12:00 _____

LAB FILE ID:		RRFAL1 = BN034606.D			RRFAL2 = BN034607.D		RRFAL3 = BN034608.D	
		RRFAL4 = BN034609.D			RRFAL5 = BN034610.D		RRFAL6 = BN034611.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.570	1.648	1.657	1.684	1.647	1.641	2.6
Bis-(2-Chloroethyl)ether-d8		1.003	1.036	1.029	1.024	0.970	1.012	2.7
2-Chlorophenol-d4	1.157	1.230	1.304	1.318	1.331		1.268	5.8
4-Methylphenol-d8		1.199	1.279	1.303	1.321	1.295	1.279	3.7
Nitrobenzene-d5	0.122	0.131	0.145	0.150	0.148		0.139	8.8
2-Nitrophenol-d4	0.084	0.092	0.112	0.126	0.136		0.110	20.1
2,4-Dichlorophenol-d3	0.231	0.243	0.265	0.266	0.263		0.254	6.3
4-Chloroaniline-d4		0.420	0.456	0.449	0.432	0.418	0.435	4.0
4-Methylphenol		1.284	1.391	1.403	1.409	1.371	1.372	3.7
Dimethylphthalate-d6	1.208	1.255	1.305	1.301	1.256		1.265	3.2
Acenaphthylene-d8	1.508	1.581	1.631	1.610	1.528		1.572	3.3
4-Nitrophenol-d4		0.191	0.228	0.244	0.253	0.262	0.236	11.8
Fluorene-d10	1.075	1.078	1.135	1.119	1.064		1.094	2.8
4,6-Dinitro-2-methylphenol		0.040	0.053	0.068	0.082	0.092	0.067	31.9
Anthracene-d10	0.836	0.834	0.893	0.868	0.844		0.855	2.9
Pyrene-d10	1.012	1.009	1.058	1.031	1.024		1.027	1.9
Benzo(a)pyrene-d12	0.844	0.912	0.966	0.958	0.927		0.922	5.3
N-Nitroso-di-n-propylamine	0.929	0.967	1.030	1.035	1.013		0.995	4.6

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.: BN101724 SAS No.: BN101724 SDG NO.: BN101724

EPA Sample No.: SSTD020226 Date Analyzed: Oct 17 2024 12:00AM

Lab File ID: BN034608.D Time Analyzed: 10:20

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	207827	7.663	869283	10.44	531386	14.30
	UPPER LIMIT	415654	8.163	1738566	10.94	1062772	14.798
	LOWER LIMIT	103913.5	7.163	434641.5	9.94	265693	13.798
	EPA SAMPLE NO.						
01	SBLK147	251130	7.66	1.01158e	10.44	601309	14.30
02	A4E82	219222	7.66	878831	10.44	490326	14.30
03	A4E82DL	281099	7.66	1.18021e	10.44	700253	14.30
04	A4E85	213025	7.67	864324	10.44	486258	14.30
05	A4E85DL	205325	7.66	807666	10.44	440565	14.30
06	A4FD0	234660	7.66	923443	10.43	501328	14.30
07	A4FD0MS	242240	7.66	993616	10.44	567566	14.30
08	A4FD0MSD	233019	7.66	912554	10.44	490776	14.30
09	EOAX9	224139	7.66	949462	10.44	555165	14.30
10	SLCS147	234984	7.66	942599	10.44	529790	14.30
11	SBLK165	232216	7.66	905405	10.44	491981	14.30
12	SBLK170	220469	7.66	858689	10.44	461069	14.29
13	A4FC7	231807	7.66	918101	10.44	510949	14.30
14	A4FC8	250708	7.66	1.05747e	10.44	604762	14.30
15	A4FC8MS	317580	7.66	1.23558e	10.44	652730	14.30
16	A4FC8MSD	332867	7.66	1.3304e+	10.44	688434	14.30
17	A4FC9	311026	7.66	1.21439e	10.44	602206	14.30
18	EOAX0	300750	7.66	1.12e+00	10.44	560188	14.30
19	EOAX1	361242	7.66	1.55915e	10.44	910148	14.30
20	EOAX2	365369	7.66	1.53371e	10.44	834803	14.30
21	EOAX3	410302	7.66	1.70089e	10.44	947286	14.30
22	EOAX4	387379	7.66	1.49784e	10.44	772523	14.30
23	EOAX5	354141	7.66	1.40014e	10.44	706462	14.30

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN101724 SAS No.: BN101724 SDG NO.: BN101724

EPA Sample No.: SSTD020226 Date Analyzed: Oct 18 2024 12:00AM

Lab File ID: BN034608.D Time Analyzed: 02:29

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	207827	7.663	869283	10.44	531386	14.30
UPPER LIMIT	415654	8.163	1738566	10.94	1062772	14.798
LOWER LIMIT	103913.5	7.163	434641.5	9.94	265693	13.798
EPA SAMPLE NO.						
24 EOAX7	303216	7.66	1.16486e	10.44	609547	14.30
25 SLCS165	344023	7.66	1.38643e	10.44	719461	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.: BN101724 SAS No.: BN101724 SDG NO.: BN101724

EPA Sample No.: SSTD020341 Date Analyzed: Oct 17 2024 12:00AM

Lab File ID: BN034614.D Time Analyzed: 10:20

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	220333	7.663	916758	10.43	541420	14.30
UPPER LIMIT	440666	8.163	1833516	10.934	1082840	14.798
LOWER LIMIT	110166.5	7.163	458379	9.934	270710	13.798
EPA SAMPLE NO.						
01 SBLK147	251130	7.66	1.01158e	10.44	601309	14.30
02 A4E82	219222	7.66	878831	10.44	490326	14.30
03 A4E82DL	281099	7.66	1.18021e	10.44	700253	14.30
04 A4E85	213025	7.67	864324	10.44	486258	14.30
05 A4E85DL	205325	7.66	807666	10.44	440565	14.30
06 A4FD0	234660	7.66	923443	10.43	501328	14.30
07 A4FD0MS	242240	7.66	993616	10.44	567566	14.30
08 A4FD0MSD	233019	7.66	912554	10.44	490776	14.30
09 EOAX9	224139	7.66	949462	10.44	555165	14.30
10 SLCS147	234984	7.66	942599	10.44	529790	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.: BN101724 SAS No.: BN101724 SDG NO.: BN101724

EPA Sample No.: SSTD020342 Date Analyzed: Oct 17 2024 12:00AM

Lab File ID: BN034625.D Time Analyzed: 17:58

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	201830	7.663	822999	10.44	466304	14.30
UPPER LIMIT	403660	8.163	1645998	10.94	932608	14.798
LOWER LIMIT	100915	7.163	411499.5	9.94	233152	13.798
EPA SAMPLE NO.						
01 SBLK165	232216	7.66	905405	10.44	491981	14.30
02 SBLK170	220469	7.66	858689	10.44	461069	14.29
03 A4FC7	231807	7.66	918101	10.44	510949	14.30
04 A4FC8	250708	7.66	1.05747e	10.44	604762	14.30
05 A4FC8MS	317580	7.66	1.23558e	10.44	652730	14.30
06 A4FC8MSD	332867	7.66	1.3304e+	10.44	688434	14.30
07 A4FC9	311026	7.66	1.21439e	10.44	602206	14.30
08 EOAX0	300750	7.66	1.12e+00	10.44	560188	14.30
09 EOAX1	361242	7.66	1.55915e	10.44	910148	14.30
10 EOAX2	365369	7.66	1.53371e	10.44	834803	14.30
11 EOAX3	410302 *	7.66	1.70089e *	10.44	947286 *	14.30
12 EOAX4	387379	7.66	1.49784e	10.44	772523	14.30
13 EOAX5	354141	7.66	1.40014e	10.44	706462	14.30
14 EOAX7	303216	7.66	1.16486e	10.44	609547	14.30
15 SLCS165	344023	7.66	1.38643e	10.44	719461	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.: BN101724 SAS No.: BN101724 SDG NO.: BN101724

EPA Sample No.: SSTD020226 Date Analyzed: Oct 17 2024 12:00AM

Lab File ID: BN034608.D Time Analyzed: 10:20

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	1.03171e+01	17.039	916159	21.268	1.05271e+01	24.156
UPPER LIMIT	2063420	17.539	1832318	21.768	2105420	24.656
LOWER LIMIT	515855	16.539	458079.5	20.768	526355	23.656
EPA SAMPLE NO.						
01 SBLK147	1.12829	17.04	1.01035e+	21.26	1.19603e+	24.16
02 A4E82	921170	17.04	784072	21.27	945467	24.16
03 A4E82DL	1.35177	17.04	1.25698e+	21.27	1.40927e+	24.15
04 A4E85	923539	17.05	790760	21.27	949618	24.16
05 A4E85DL	818352	17.04	715508	21.27	850178	24.15
06 A4FD0	906169	17.04	776630	21.27	919246	24.16
07 A4FD0MS	1.07268	17.04	945014	21.27	1.07715e+	24.16
08 A4FD0MSD	892974	17.04	758676	21.27	878777	24.15
09 EOAX9	1.07391	17.04	955062	21.26	1.11201e+	24.15
10 SLCS147	984743	17.04	858134	21.27	995779	24.15
11 SBLK165	885672	17.04	738933	21.26	874915	24.15
12 SBLK170	828588	17.04	699695	21.26	837771	24.16
13 A4FC7	976163	17.04	872890	21.26	1.00316e+	24.15
14 A4FC8	1.15376	17.04	1.03137e+	21.26	1.20718e+	24.16
15 A4FC8MS	1.18149	17.04	1.08093e+	21.27	1.32075e+	24.16
16 A4FC8MSD	1.08391	17.04	857074	21.27	1.04778e+	24.16
17 A4FC9	958413	17.04	808292	21.27	1.00629e+	24.16
18 EOAX0	974091	17.04	874665	21.26	1.12691e+	24.15
19 EOAX1	1.6835e	17.05	1.15828e+	21.26	1.16533e+	24.16
20 EOAX2	1.35532	17.04	921602	21.26	1.1011e+0	24.16
21 EOAX3	1.59416	17.04	977730	21.26	1.16413e+	24.16

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN101724 SAS No.: BN101724 SDG NO.: BN101724

EPA Sample No.: SSTD020226 Date Analyzed: Oct 18 2024 12:00AM

Lab File ID: BN034608.D Time Analyzed: 01:10

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	1.03171e+0	17.039	916159	21.268	1.05271e+0	24.156
UPPER LIMIT	2063420	17.539	1832318	21.768	2105420	24.656
LOWER LIMIT	515855	16.539	458079.5	20.768	526355	23.656
EPA SAMPLE NO.						
22 EOAX4	1.33681	17.04	1.1678e+0	21.26	1.46069e+	24.16
23 EOAX5	1.14085	17.04	933979	21.26	1.19815e+	24.16
24 EOAX7	1.10304	17.04	1.0196e+0	21.26	1.26107e+	24.16
25 SLCS165	1.10144	17.04	835554	21.26	1.03212e+	24.16

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.: BN101724 SAS No.: BN101724 SDG NO.: BN101724

EPA Sample No.: SSTD020341 Date Analyzed: Oct 17 2024 12:00AM

Lab File ID: BN034614.D Time Analyzed: 10:20

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	1.01574e+01	17.039	905957	21.269	1.03981e+01	24.157
UPPER LIMIT	2031480	17.539	1811914	21.769	2079620	24.657
LOWER LIMIT	507870	16.539	452978.5	20.769	519905	23.657
EPA SAMPLE NO.						
01 SBLK147	1.12829	17.04	1.01035e+	21.26	1.19603e+	24.16
02 A4E82	921170	17.04	784072	21.27	945467	24.16
03 A4E82DL	1.35177	17.04	1.25698e+	21.27	1.40927e+	24.15
04 A4E85	923539	17.05	790760	21.27	949618	24.16
05 A4E85DL	818352	17.04	715508	21.27	850178	24.15
06 A4FD0	906169	17.04	776630	21.27	919246	24.16
07 A4FD0MS	1.07268	17.04	945014	21.27	1.07715e+	24.16
08 A4FD0MSD	892974	17.04	758676	21.27	878777	24.15
09 EOAX9	1.07391	17.04	955062	21.26	1.11201e+	24.15
10 SLCS147	984743	17.04	858134	21.27	995779	24.15

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.: BN101724 SAS No.: BN101724 SDG NO.: BN101724

EPA Sample No.: SSTD020342 Date Analyzed: Oct 17 2024 12:00AM

Lab File ID: BN034625.D Time Analyzed: 17:58

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	871585	17.039	775518	21.263	892689	24.151
	UPPER LIMIT	1743170	17.539	1551036	21.763	1785378	24.651
	LOWER LIMIT	435792.5	16.539	387759	20.763	446344.5	23.651
	EPA SAMPLE NO.						
01	SBLK165	885672	17.04	738933	21.26	874915	24.15
02	SBLK170	828588	17.04	699695	21.26	837771	24.16
03	A4FC7	976163	17.04	872890	21.26	1.00316e+	24.15
04	A4FC8	1.15376	17.04	1.03137e+	21.26	1.20718e+	24.16
05	A4FC8MS	1.18149	17.04	1.08093e+	21.27	1.32075e+	24.16
06	A4FC8MSD	1.08391	17.04	857074	21.27	1.04778e+	24.16
07	A4FC9	958413	17.04	808292	21.27	1.00629e+	24.16
08	EOAX0	974091	17.04	874665	21.26	1.12691e+	24.15
09	EOAX1	1.6835e	17.05	1.15828e+	21.26	1.16533e+	24.16
10	EOAX2	1.35532	17.04	921602	21.26	1.1011e+0	24.16
11	EOAX3	1.59416	17.04	977730	21.26	1.16413e+	24.16
12	EOAX4	1.33681	17.04	1.1678e+0	21.26	1.46069e+	24.16
13	EOAX5	1.14085	17.04	933979	21.26	1.19815e+	24.16
14	EOAX7	1.10304	17.04	1.0196e+0	21.26	1.26107e+	24.16
15	SLCS165	1.10144	17.04	835554	21.26	1.03212e+	24.16

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN101724 SAS No.: BN101724 SDG NO.: BN101724

EPA Sample No.: SSTD020342 Date Analyzed: Oct 18 2024 12:00AM

Lab File ID: BN034625.D Time Analyzed: 03:08

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	871585	17.039	775518	21.263	892689	24.151
UPPER LIMIT	1743170	17.539	1551036	21.763	1785378	24.651
LOWER LIMIT	435792.5	16.539	387759	20.763	446344.5	23.651
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN101724

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164147BS	1,4-Dioxane	530	340	ug/Kg	64				0	0		
	Benzaldehyde	1300	790	ug/Kg	61				0	0		
	Pyridine	1300	840	ug/Kg	65				0	0		
	Phenol	1300	880	ug/Kg	68				0	0		
	Bis(2-chloroethyl)ether	1300	870	ug/Kg	67				0	0		
	2-Chlorophenol	1300	920	ug/Kg	71				0	0		
	2-Methylphenol	1300	850	ug/Kg	65				0	0		
	2,2-oxybis(1-Chloropropane)	1300	870	ug/Kg	67				0	0		
	Acetophenone	1300	860	ug/Kg	66				0	0		
	4-Methylphenol	1300	850	ug/Kg	65				0	0		
	N-Nitroso-di-n-propylamine	1300	840	ug/Kg	65				0	0		
	Hexachloroethane	1300	910	ug/Kg	70				0	0		
	Nitrobenzene	1300	950	ug/Kg	73				0	0		
	Isophorone	1300	890	ug/Kg	68				0	0		
	2-Nitrophenol	1300	990	ug/Kg	76				0	0		
	2,4-Dimethylphenol	1300	760	ug/Kg	58				0	0		
	Bis(2-chloroethoxy)methane	1300	900	ug/Kg	69				0	0		
	2,4-Dichlorophenol	1300	940	ug/Kg	72				0	0		
	Naphthalene	1300	920	ug/Kg	71				0	0		
	4-Chloroaniline	1300	690	ug/Kg	53				0	0		
	Hexachlorobutadiene	1300	920	ug/Kg	71				0	0		
	Caprolactam	1300	860	ug/Kg	66				0	0		
	4-Chloro-3-methylphenol	1300	900	ug/Kg	69				0	0		
	1-Methylnaphthalene	1300	870	ug/Kg	67				0	0		
	2-Methylnaphthalene	1300	890	ug/Kg	68				0	0		
	Hexachlorocyclopentadiene	1300	790	ug/Kg	61				0	0		
	2,4,6-Trichlorophenol	1300	940	ug/Kg	72				0	0		
	2,4,5-Trichlorophenol	1300	960	ug/Kg	74				0	0		
	1,1'-Biphenyl	1300	940	ug/Kg	72				0	0		
	2-Chloronaphthalene	1300	950	ug/Kg	73				0	0		
	2-Nitroaniline	1300	1000	ug/Kg	77				0	0		
	Dimethylphthalate	1300	920	ug/Kg	71				0	0		
	2,6-Dinitrotoluene	1300	1000	ug/Kg	77				0	0		
	Acenaphthylene	1300	940	ug/Kg	72				0	0		
	3-Nitroaniline	1300	940	ug/Kg	72				0	0		
	Acenaphthene	1300	910	ug/Kg	70				0	0		
	2,4-Dinitrophenol	1300	770	ug/Kg	59				0	0		
	4-Nitrophenol	1300	960	ug/Kg	74				0	0		
	Dibenzofuran	1300	920	ug/Kg	71				0	0		
	2,4-Dinitrotoluene	1300	1000	ug/Kg	77				0	0		
	Diethylphthalate	1300	920	ug/Kg	71				0	0		
	Fluorene	1300	920	ug/Kg	71				0	0		
	4-Chlorophenyl-phenylether	1300	910	ug/Kg	70				0	0		
	4-Nitroaniline	1300	1000	ug/Kg	77				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN101724

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB164147BS	4,6-Dinitro-2-methylphenol	1300	850	ug/Kg	65				0	0	
	N-Nitrosodiphenylamine	1300	950	ug/Kg	73				0	0	
	1,2,4,5-Tetrachlorobenzene	1300	960	ug/Kg	74				0	0	
	4-Bromophenyl-phenylether	1300	950	ug/Kg	73				0	0	
	Hexachlorobenzene	1300	920	ug/Kg	71				0	0	
	Atrazine	1300	590	ug/Kg	45				0	0	
	Pentachlorophenol	1300	800	ug/Kg	62				0	0	
	Phenanthrene	1300	940	ug/Kg	72				0	0	
	Pentachlorobenzene	1300	910	ug/Kg	70				0	0	
	Anthracene	1300	920	ug/Kg	71				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	950	ug/Kg	73				0	0	
	Carbazole	1300	980	ug/Kg	75				0	0	
	Di-n-butylphthalate	1300	950	ug/Kg	73				0	0	
	Fluoranthene	1300	960	ug/Kg	74				0	0	
	Pyrene	1300	960	ug/Kg	74				0	0	
	Butylbenzylphthalate	1300	1000	ug/Kg	77				0	0	
	3,3'-Dichlorobenzidine	1300	930	ug/Kg	72				0	0	
	Benzo(a)anthracene	1300	970	ug/Kg	75				0	0	
	Chrysene	1300	960	ug/Kg	74				0	0	
	Bis(2-ethylhexyl)phthalate	1300	1000	ug/Kg	77				0	0	
	Di-n-octylphthalate	1300	970	ug/Kg	75				0	0	
	Benzo(b)fluoranthene	1300	950	ug/Kg	73				0	0	
	Benzo(k)fluoranthene	1300	970	ug/Kg	75				0	0	
	Benzo(a)pyrene	1300	940	ug/Kg	72				0	0	
	Indeno(1,2,3-cd)pyrene	1300	970	ug/Kg	75				0	0	
	Dibenzo(a,h)anthracene	1300	980	ug/Kg	75				0	0	
	Benzo(g,h,i)perylene	1300	980	ug/Kg	75				0	0	
	2,3,4,6-Tetrachlorophenol	1300	910	ug/Kg	70				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN101724

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164165BS	1,4-Dioxane	530	300	ug/Kg	57				0	0		
	Benzaldehyde	1300	750	ug/Kg	58				0	0		
	Pyridine	1300	760	ug/Kg	58				0	0		
	Phenol	1300	830	ug/Kg	64				0	0		
	Bis(2-chloroethyl)ether	1300	840	ug/Kg	65				0	0		
	2-Chlorophenol	1300	870	ug/Kg	67				0	0		
	2-Methylphenol	1300	810	ug/Kg	62				0	0		
	2,2-oxybis(1-Chloropropane)	1300	840	ug/Kg	65				0	0		
	Acetophenone	1300	810	ug/Kg	62				0	0		
	4-Methylphenol	1300	800	ug/Kg	62				0	0		
	N-Nitroso-di-n-propylamine	1300	810	ug/Kg	62				0	0		
	Hexachloroethane	1300	860	ug/Kg	66				0	0		
	Nitrobenzene	1300	900	ug/Kg	69				0	0		
	Isophorone	1300	840	ug/Kg	65				0	0		
	2-Nitrophenol	1300	1000	ug/Kg	77				0	0		
	2,4-Dimethylphenol	1300	660	ug/Kg	51				0	0		
	Bis(2-chloroethoxy)methane	1300	860	ug/Kg	66				0	0		
	2,4-Dichlorophenol	1300	890	ug/Kg	68				0	0		
	Naphthalene	1300	860	ug/Kg	66				0	0		
	4-Chloroaniline	1300	670	ug/Kg	52				0	0		
	Hexachlorobutadiene	1300	870	ug/Kg	67				0	0		
	Caprolactam	1300	740	ug/Kg	57				0	0		
	4-Chloro-3-methylphenol	1300	830	ug/Kg	64				0	0		
	1-Methylnaphthalene	1300	800	ug/Kg	62				0	0		
	2-Methylnaphthalene	1300	820	ug/Kg	63				0	0		
	Hexachlorocyclopentadiene	1300	620	ug/Kg	48				0	0		
	2,4,6-Trichlorophenol	1300	910	ug/Kg	70				0	0		
	2,4,5-Trichlorophenol	1300	940	ug/Kg	72				0	0		
	1,1'-Biphenyl	1300	920	ug/Kg	71				0	0		
	2-Chloronaphthalene	1300	920	ug/Kg	71				0	0		
	2-Nitroaniline	1300	970	ug/Kg	75				0	0		
	Dimethylphthalate	1300	860	ug/Kg	66				0	0		
	2,6-Dinitrotoluene	1300	960	ug/Kg	74				0	0		
	Acenaphthylene	1300	890	ug/Kg	68				0	0		
	3-Nitroaniline	1300	850	ug/Kg	65				0	0		
	Acenaphthene	1300	860	ug/Kg	66				0	0		
	2,4-Dinitrophenol	1300	550	ug/Kg	42				0	0		
	4-Nitrophenol	1300	770	ug/Kg	59				0	0		
	Dibenzofuran	1300	840	ug/Kg	65				0	0		
	2,4-Dinitrotoluene	1300	890	ug/Kg	68				0	0		
	Diethylphthalate	1300	820	ug/Kg	63				0	0		
	Fluorene	1300	810	ug/Kg	62				0	0		
	4-Chlorophenyl-phenylether	1300	820	ug/Kg	63				0	0		
	4-Nitroaniline	1300	830	ug/Kg	64				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN101724

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164165BS	4,6-Dinitro-2-methylphenol	1300	710	ug/Kg	55				0	0		
	N-Nitrosodiphenylamine	1300	990	ug/Kg	76				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	940	ug/Kg	72				0	0		
	4-Bromophenyl-phenylether	1300	960	ug/Kg	74				0	0		
	Hexachlorobenzene	1300	910	ug/Kg	70				0	0		
	Atrazine	1300	580	ug/Kg	45				0	0		
	Pentachlorophenol	1300	760	ug/Kg	58				0	0		
	Phenanthrene	1300	890	ug/Kg	68				0	0		
	Pentachlorobenzene	1300	1000	ug/Kg	77				0	0		
	Anthracene	1300	870	ug/Kg	67				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1100	ug/Kg	85				0	0		
	Carbazole	1300	860	ug/Kg	66				0	0		
	Di-n-butylphthalate	1300	890	ug/Kg	68				0	0		
	Fluoranthene	1300	920	ug/Kg	71				0	0		
	Pyrene	1300	920	ug/Kg	71				0	0		
	Butylbenzylphthalate	1300	970	ug/Kg	75				0	0		
	3,3'-Dichlorobenzidine	1300	830	ug/Kg	64				0	0		
	Benzo(a)anthracene	1300	880	ug/Kg	68				0	0		
	Chrysene	1300	900	ug/Kg	69				0	0		
	Bis(2-ethylhexyl)phthalate	1300	930	ug/Kg	72				0	0		
	Di-n-octylphthalate	1300	870	ug/Kg	67				0	0		
	Benzo(b)fluoranthene	1300	910	ug/Kg	70				0	0		
	Benzo(k)fluoranthene	1300	880	ug/Kg	68				0	0		
	Benzo(a)pyrene	1300	870	ug/Kg	67				0	0		
	Indeno(1,2,3-cd)pyrene	1300	940	ug/Kg	72				0	0		
	Dibenzo(a,h)anthracene	1300	940	ug/Kg	72				0	0		
	Benzo(g,h,i)perylene	1300	950	ug/Kg	73				0	0		
	2,3,4,6-Tetrachlorophenol	1300	800	ug/Kg	62				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK147

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN101724

SAS No.: BN101724 SDG NO.: BN101724

Lab File ID: BN034615.D

Lab Sample ID: PB164147BL

Instrument ID: BNA_N

Date Extracted: 10/14/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/17/2024

Level: (low/med) LOW

Time Analyzed: 10:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4E82	P4352-02	BN034616.D	10/17/2024
PB164147BS	PB164147BS	BN034624.D	10/17/2024
A4FD0	P4352-04	BN034620.D	10/17/2024
A4FD0MS	P4352-05MS	BN034621.D	10/17/2024
A4FD0MSD	P4352-06MSD	BN034622.D	10/17/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK165

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN101724

SAS No.: BN101724 SDG NO.: BN101724

Lab File ID: BN034626.D

Lab Sample ID: PB164165BL

Instrument ID: BNA_N

Date Extracted: 10/15/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/17/2024

Level: (low/med) LOW

Time Analyzed: 17:58

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4E85	P4360-02	BN034618.D	10/17/2024
A4FC7	P4360-04	BN034628.D	10/17/2024
A4FC8	P4360-05	BN034629.D	10/17/2024
A4FC8MS	P4360-06MS	BN034630.D	10/17/2024
A4FC8MSD	P4360-07MSD	BN034631.D	10/17/2024
A4FC9	P4360-08	BN034632.D	10/17/2024
PB164165BS	PB164165BS	BN034640.D	10/18/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK170

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN101724

SAS No.: BN101724 SDG NO.: BN101724

Lab File ID: BN034627.D

Lab Sample ID: PB164170BL

Instrument ID: BNA_N

Date Extracted: 10/15/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/17/2024

Level: (low/med) LOW

Time Analyzed: 18:37

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EOAX9	P4346-19	BN034623.D	10/17/2024
EOAX0	P4346-10	BN034633.D	10/17/2024
EOAX1	P4346-11	BN034634.D	10/17/2024
EOAX2	P4346-12	BN034635.D	10/17/2024
EOAX3	P4346-13	BN034636.D	10/18/2024
EOAX4	P4346-14	BN034637.D	10/18/2024
EOAX5	P4346-15	BN034638.D	10/18/2024
EOAX7	P4346-17	BN034639.D	10/18/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN101724

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4360-06MS	Client Sample ID:	A4FC8MS					DataFile:	BN034630.D		
1,4-Dioxane	660		230	ug/Kg	35				15	120	
Benzaldehyde	1700		210	ug/Kg	12				0	0	
Pyridine	1700		380	ug/Kg	22				0	0	
Phenol	1700	59	660	ug/Kg	35				26	90	
Bis(2-chloroethyl)ether	1700		620	ug/Kg	36				0	0	
2-Chlorophenol	1700		630	ug/Kg	37				25	102	
2-Methylphenol	1700		550	ug/Kg	32				0	0	
2,2-oxybis(1-Chloropropane)	1700		620	ug/Kg	36				0	0	
Acetophenone	1700	210	840	ug/Kg	37				0	0	
4-Methylphenol	1700		560	ug/Kg	33				0	0	
N-Nitroso-di-n-propylamine	1700		580	ug/Kg	34	*			41	126	
Hexachloroethane	1700		460	ug/Kg	27				0	0	
Nitrobenzene	1700		660	ug/Kg	39				0	0	
Isophorone	1700		630	ug/Kg	37				0	0	
2-Nitrophenol	1700		680	ug/Kg	40				0	0	
2,4-Dimethylphenol	1700		300	ug/Kg	18				0	0	
Bis(2-chloroethoxy)methane	1700		640	ug/Kg	38				0	0	
2,4-Dichlorophenol	1700		670	ug/Kg	39				0	0	
Naphthalene	1700		660	ug/Kg	39				0	0	
4-Chloroaniline	1700		210	ug/Kg	12				0	0	
Hexachlorobutadiene	1700		660	ug/Kg	39				0	0	
Caprolactam	1700		570	ug/Kg	34				0	0	
4-Chloro-3-methylphenol	1700		620	ug/Kg	36				26	103	
1-Methylnaphthalene	1700		610	ug/Kg	36				0	0	
2-Methylnaphthalene	1700		640	ug/Kg	38				0	0	
Hexachlorocyclopentadiene	1700		260	ug/Kg	15				0	0	
2,4,6-Trichlorophenol	1700		730	ug/Kg	43				0	0	
2,4,5-Trichlorophenol	1700		730	ug/Kg	43				0	0	
1,1'-Biphenyl	1700		700	ug/Kg	41				0	0	
2-Chloronaphthalene	1700		690	ug/Kg	41				0	0	
2-Nitroaniline	1700		690	ug/Kg	41				0	0	
Dimethylphthalate	1700		670	ug/Kg	39				0	0	
2,6-Dinitrotoluene	1700		710	ug/Kg	42				0	0	
Acenaphthylene	1700		690	ug/Kg	41				0	0	
3-Nitroaniline	1700		450	ug/Kg	26				0	0	
Acenaphthene	1700		700	ug/Kg	41				31	137	
2,4-Dinitrophenol	1700		360	ug/Kg	21				0	0	
4-Nitrophenol	1700		670	ug/Kg	39				11	114	
Dibenzofuran	1700		690	ug/Kg	41				0	0	
2,4-Dinitrotoluene	1700		700	ug/Kg	41				28	89	
Diethylphthalate	1700		670	ug/Kg	39				0	0	
Fluorene	1700		690	ug/Kg	41				0	0	
4-Chlorophenyl-phenylether	1700		680	ug/Kg	40				0	0	
4-Nitroaniline	1700		590	ug/Kg	35				0	0	
4,6-Dinitro-2-methylphenol	1700		410	ug/Kg	24				0	0	
N-Nitrosodiphenylamine	1700		700	ug/Kg	41				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN101724

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1700		680	ug/Kg	40				0	0	
4-Bromophenyl-phenylether	1700		710	ug/Kg	42				0	0	
Hexachlorobenzene	1700		500	ug/Kg	29				0	0	
Atrazine	1700		650	ug/Kg	38				0	0	
Pentachlorophenol	1700		530	ug/Kg	31				17	109	
Phenanthrene	1700	270	960	ug/Kg	41				0	0	
Pentachlorobenzene	1700		620	ug/Kg	36				0	0	
Anthracene	1700	0	710	ug/Kg	42				0	0	
1,2,3,4-Tetrachlorobenzene	1700		690	ug/Kg	41				0	0	
Carbazole	1700		650	ug/Kg	38				0	0	
Di-n-butylphthalate	1700		750	ug/Kg	44				0	0	
Fluoranthene	1700	450	1100	ug/Kg	38				0	0	
Pyrene	1700	300	800	ug/Kg	29	*			35	142	
Butylbenzylphthalate	1700		830	ug/Kg	49				0	0	
3,3'-Dichlorobenzidine	1700		270	ug/Kg	16				0	0	
Benzo(a)anthracene	1700	180	890	ug/Kg	42				0	0	
Chrysene	1700	220	920	ug/Kg	41				0	0	
Bis(2-ethylhexyl)phthalate	1700	59	890	ug/Kg	49				0	0	
Di-n-octylphthalate	1700		790	ug/Kg	46				0	0	
Benzo(b)fluoranthene	1700	260	920	ug/Kg	39				0	0	
Benzo(k)fluoranthene	1700	87	820	ug/Kg	43				0	0	
Benzo(a)pyrene	1700	95	430	ug/Kg	20				0	0	
Indeno(1,2,3-cd)pyrene	1700	73	590	ug/Kg	30				0	0	
Dibenzo(a,h)anthracene	1700		750	ug/Kg	44				0	0	
Benzo(g,h,i)perylene	1700		72	ug/Kg	4				0	0	
2,3,4,6-Tetrachlorophenol	1700		690	ug/Kg	41				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN101724

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4360-07MSD	Client Sample ID:	A4FC8MSD					DataFile:	BN034631.D		
1,4-Dioxane	660		240	ug/Kg	36		3		15	120	50
Benzaldehyde	1700		240	ug/Kg	14		15	*	0	0	0
Pyridine	1700		420	ug/Kg	25		13	*	0	0	0
Phenol	1700	59	780	ug/Kg	42		18		26	90	35
Bis(2-chloroethyl)ether	1700		710	ug/Kg	42		15	*	0	0	0
2-Chlorophenol	1700		730	ug/Kg	43		15		25	102	50
2-Methylphenol	1700		660	ug/Kg	39		20	*	0	0	0
2,2-oxybis(1-Chloropropane)	1700		710	ug/Kg	42		15	*	0	0	0
Acetophenone	1700	210	970	ug/Kg	45		20	*	0	0	0
4-Methylphenol	1700		670	ug/Kg	39		17	*	0	0	0
N-Nitroso-di-n-propylamine	1700		700	ug/Kg	41		19		41	126	38
Hexachloroethane	1700		520	ug/Kg	31		14	*	0	0	0
Nitrobenzene	1700		760	ug/Kg	45		14	*	0	0	0
Isophorone	1700		730	ug/Kg	43		15	*	0	0	0
2-Nitrophenol	1700		810	ug/Kg	48		18	*	0	0	0
2,4-Dimethylphenol	1700		370	ug/Kg	22		20	*	0	0	0
Bis(2-chloroethoxy)methane	1700		750	ug/Kg	44		15	*	0	0	0
2,4-Dichlorophenol	1700		790	ug/Kg	46		16	*	0	0	0
Naphthalene	1700		740	ug/Kg	44		12	*	0	0	0
4-Chloroaniline	1700		230	ug/Kg	14		15	*	0	0	0
Hexachlorobutadiene	1700		760	ug/Kg	45		14	*	0	0	0
Caprolactam	1700		660	ug/Kg	39		14	*	0	0	0
4-Chloro-3-methylphenol	1700		740	ug/Kg	44		20		26	103	33
1-Methylnaphthalene	1700		710	ug/Kg	42		15	*	0	0	0
2-Methylnaphthalene	1700		750	ug/Kg	44		15	*	0	0	0
Hexachlorocyclopentadiene	1700		290	ug/Kg	17		13	*	0	0	0
2,4,6-Trichlorophenol	1700		880	ug/Kg	52		19	*	0	0	0
2,4,5-Trichlorophenol	1700		850	ug/Kg	50		15	*	0	0	0
1,1'-Biphenyl	1700		840	ug/Kg	49		18	*	0	0	0
2-Chloronaphthalene	1700		820	ug/Kg	48		16	*	0	0	0
2-Nitroaniline	1700		840	ug/Kg	49		18	*	0	0	0
Dimethylphthalate	1700		800	ug/Kg	47		19	*	0	0	0
2,6-Dinitrotoluene	1700		850	ug/Kg	50		17	*	0	0	0
Acenaphthylene	1700		800	ug/Kg	47		14	*	0	0	0
3-Nitroaniline	1700		530	ug/Kg	31		18	*	0	0	0
Acenaphthene	1700		810	ug/Kg	48		16		31	137	19
2,4-Dinitrophenol	1700		350	ug/Kg	21		0		0	0	0
4-Nitrophenol	1700		680	ug/Kg	40		3		11	114	50
Dibenzofuran	1700		800	ug/Kg	47		14	*	0	0	0
2,4-Dinitrotoluene	1700		800	ug/Kg	47		14		28	89	47
Diethylphthalate	1700		780	ug/Kg	46		16	*	0	0	0
Fluorene	1700		780	ug/Kg	46		11	*	0	0	0
4-Chlorophenyl-phenylether	1700		760	ug/Kg	45		12	*	0	0	0
4-Nitroaniline	1700		640	ug/Kg	38		8	*	0	0	0
4,6-Dinitro-2-methylphenol	1700		430	ug/Kg	25		4	*	0	0	0
N-Nitrosodiphenylamine	1700		900	ug/Kg	53		26	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN101724

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1700		810	ug/Kg	48	18	*		0	0	0
4-Bromophenyl-phenylether	1700		890	ug/Kg	52	21	*		0	0	0
Hexachlorobenzene	1700		600	ug/Kg	35	19	*		0	0	0
Atrazine	1700		810	ug/Kg	48	23	*		0	0	0
Pentachlorophenol	1700		620	ug/Kg	36	15			17	109	47
Phenanthrene	1700	270	1100	ug/Kg	49	18	*		0	0	0
Pentachlorobenzene	1700		820	ug/Kg	48	29	*		0	0	0
Anthracene	1700	0	850	ug/Kg	50	17	*		0	0	0
1,2,3,4-Tetrachlorobenzene	1700		940	ug/Kg	55	29	*		0	0	0
Carbazole	1700		730	ug/Kg	43	12	*		0	0	0
Di-n-butylphthalate	1700		870	ug/Kg	51	15	*		0	0	0
Fluoranthene	1700	450	1400	ug/Kg	56	38	*		0	0	0
Pyrene	1700	300	950	ug/Kg	38	27			35	142	36
Butylbenzylphthalate	1700		980	ug/Kg	58	17	*		0	0	0
3,3'-Dichlorobenzidine	1700		310	ug/Kg	18	12	*		0	0	0
Benzo(a)anthracene	1700	180	1000	ug/Kg	48	13	*		0	0	0
Chrysene	1700	220	1000	ug/Kg	46	11	*		0	0	0
Bis(2-ethylhexyl)phthalate	1700	59	1000	ug/Kg	55	12	*		0	0	0
Di-n-octylphthalate	1700		920	ug/Kg	54	16	*		0	0	0
Benzo(b)fluoranthene	1700	260	1100	ug/Kg	49	23	*		0	0	0
Benzo(k)fluoranthene	1700	87	910	ug/Kg	48	11	*		0	0	0
Benzo(a)pyrene	1700	95	490	ug/Kg	23	14	*		0	0	0
Indeno(1,2,3-cd)pyrene	1700	73	690	ug/Kg	36	18	*		0	0	0
Dibenzo(a,h)anthracene	1700		880	ug/Kg	52	17	*		0	0	0
Benzo(g,h,i)perylene	1700		85	ug/Kg	5	22	*		0	0	0
2,3,4,6-Tetrachlorophenol	1700		770	ug/Kg	45	9	*		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN101724

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4352-05MS	Client Sample ID:	A4FD0MS				DataFile:	BN034621.D			
1,4-Dioxane	750		640	ug/Kg	85				15	120	
Benzaldehyde	1900		970	ug/Kg	51				0	0	
Pyridine	1900		1600	ug/Kg	84				0	0	
Phenol	1900	65	1700	ug/Kg	86				26	90	
Bis(2-chloroethyl)ether	1900		1700	ug/Kg	89				0	0	
2-Chlorophenol	1900		1700	ug/Kg	89				25	102	
2-Methylphenol	1900		1600	ug/Kg	84				0	0	
2,2-oxybis(1-Chloropropane)	1900		1600	ug/Kg	84				0	0	
Acetophenone	1900		1600	ug/Kg	84				0	0	
4-Methylphenol	1900		1600	ug/Kg	84				0	0	
N-Nitroso-di-n-propylamine	1900		1600	ug/Kg	84				41	126	
Hexachloroethane	1900		1700	ug/Kg	89				0	0	
Nitrobenzene	1900		1800	ug/Kg	95				0	0	
Isophorone	1900		1700	ug/Kg	89				0	0	
2-Nitrophenol	1900		1900	ug/Kg	100				0	0	
2,4-Dimethylphenol	1900		1500	ug/Kg	79				0	0	
Bis(2-chloroethoxy)methane	1900		1700	ug/Kg	89				0	0	
2,4-Dichlorophenol	1900		1800	ug/Kg	95				0	0	
Naphthalene	1900		1700	ug/Kg	89				0	0	
4-Chloroaniline	1900		1100	ug/Kg	58				0	0	
Hexachlorobutadiene	1900		1700	ug/Kg	89				0	0	
Caprolactam	1900		1600	ug/Kg	84				0	0	
4-Chloro-3-methylphenol	1900		1800	ug/Kg	95				26	103	
1-Methylnaphthalene	1900		1600	ug/Kg	84				0	0	
2-Methylnaphthalene	1900		1700	ug/Kg	89				0	0	
Hexachlorocyclopentadiene	1900		1500	ug/Kg	79				0	0	
2,4,6-Trichlorophenol	1900		1800	ug/Kg	95				0	0	
2,4,5-Trichlorophenol	1900		1800	ug/Kg	95				0	0	
1,1'-Biphenyl	1900		1700	ug/Kg	89				0	0	
2-Chloronaphthalene	1900		1700	ug/Kg	89				0	0	
2-Nitroaniline	1900		1900	ug/Kg	100				0	0	
Dimethylphthalate	1900		1700	ug/Kg	89				0	0	
2,6-Dinitrotoluene	1900		1900	ug/Kg	100				0	0	
Acenaphthylene	1900		1700	ug/Kg	89				0	0	
3-Nitroaniline	1900		1600	ug/Kg	84				0	0	
Acenaphthene	1900		1700	ug/Kg	89				31	137	
2,4-Dinitrophenol	1900		1600	ug/Kg	84				0	0	
4-Nitrophenol	1900		1800	ug/Kg	95				11	114	
Dibenzofuran	1900		1700	ug/Kg	89				0	0	
2,4-Dinitrotoluene	1900		2000	ug/Kg	105	*			28	89	
Diethylphthalate	1900		1700	ug/Kg	89				0	0	
Fluorene	1900		1700	ug/Kg	89				0	0	
4-Chlorophenyl-phenylether	1900		1700	ug/Kg	89				0	0	
4-Nitroaniline	1900		1900	ug/Kg	100				0	0	
4,6-Dinitro-2-methylphenol	1900		1700	ug/Kg	89				0	0	
N-Nitrosodiphenylamine	1900		1700	ug/Kg	89				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN101724

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	1900		1700	ug/Kg	89				0	0	
4-Bromophenyl-phenylether	1900		1700	ug/Kg	89				0	0	
Hexachlorobenzene	1900		1700	ug/Kg	89				0	0	
Atrazine	1900		1400	ug/Kg	74				0	0	
Pentachlorophenol	1900		1700	ug/Kg	89				17	109	
Phenanthrene	1900		1700	ug/Kg	89				0	0	
Pentachlorobenzene	1900		1700	ug/Kg	89				0	0	
Anthracene	1900		1700	ug/Kg	89				0	0	
1,2,3,4-Tetrachlorobenzene	1900		1700	ug/Kg	89				0	0	
Carbazole	1900		1800	ug/Kg	95				0	0	
Di-n-butylphthalate	1900		1800	ug/Kg	95				0	0	
Fluoranthene	1900		1700	ug/Kg	89				0	0	
Pyrene	1900		1700	ug/Kg	89				35	142	
Butylbenzylphthalate	1900		2000	ug/Kg	105				0	0	
3,3'-Dichlorobenzidine	1900		1600	ug/Kg	84				0	0	
Benzo(a)anthracene	1900		1800	ug/Kg	95				0	0	
Chrysene	1900		1700	ug/Kg	89				0	0	
Bis(2-ethylhexyl)phthalate	1900		1900	ug/Kg	100				0	0	
Di-n-octylphthalate	1900		1900	ug/Kg	100				0	0	
Benzo(b)fluoranthene	1900		1800	ug/Kg	95				0	0	
Benzo(k)fluoranthene	1900		1800	ug/Kg	95				0	0	
Benzo(a)pyrene	1900		1800	ug/Kg	95				0	0	
Indeno(1,2,3-cd)pyrene	1900		1800	ug/Kg	95				0	0	
Dibenzo(a,h)anthracene	1900		1800	ug/Kg	95				0	0	
Benzo(g,h,i)perylene	1900		1800	ug/Kg	95				0	0	
2,3,4,6-Tetrachlorophenol	1900		1900	ug/Kg	100				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN101724

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4352-06MSD	Client Sample ID:	A4FD0MSD					DataFile:	BN034622.D		
1,4-Dioxane	750		630	ug/Kg	84		1		15	120	50
Benzaldehyde	1900		930	ug/Kg	49		4	*	0	0	0
Pyridine	1900		1500	ug/Kg	79		6	*	0	0	0
Phenol	1900	65	1600	ug/Kg	81		6		26	90	35
Bis(2-chloroethyl)ether	1900		1600	ug/Kg	84		6	*	0	0	0
2-Chlorophenol	1900		1600	ug/Kg	84		6		25	102	50
2-Methylphenol	1900		1500	ug/Kg	79		6	*	0	0	0
2,2-oxybis(1-Chloropropane)	1900		1500	ug/Kg	79		6	*	0	0	0
Acetophenone	1900		1500	ug/Kg	79		6	*	0	0	0
4-Methylphenol	1900		1500	ug/Kg	79		6	*	0	0	0
N-Nitroso-di-n-propylamine	1900		1500	ug/Kg	79		6		41	126	38
Hexachloroethane	1900		1600	ug/Kg	84		6	*	0	0	0
Nitrobenzene	1900		1700	ug/Kg	89		7	*	0	0	0
Isophorone	1900		1600	ug/Kg	84		6	*	0	0	0
2-Nitrophenol	1900		1800	ug/Kg	95		5	*	0	0	0
2,4-Dimethylphenol	1900		1400	ug/Kg	74		7	*	0	0	0
Bis(2-chloroethoxy)methane	1900		1600	ug/Kg	84		6	*	0	0	0
2,4-Dichlorophenol	1900		1700	ug/Kg	89		7	*	0	0	0
Naphthalene	1900		1600	ug/Kg	84		6	*	0	0	0
4-Chloroaniline	1900		1000	ug/Kg	53		9	*	0	0	0
Hexachlorobutadiene	1900		1700	ug/Kg	89		0		0	0	0
Caprolactam	1900		1500	ug/Kg	79		6	*	0	0	0
4-Chloro-3-methylphenol	1900		1600	ug/Kg	84		12		26	103	33
1-Methylnaphthalene	1900		1500	ug/Kg	79		6	*	0	0	0
2-Methylnaphthalene	1900		1600	ug/Kg	84		6	*	0	0	0
Hexachlorocyclopentadiene	1900		1500	ug/Kg	79		0		0	0	0
2,4,6-Trichlorophenol	1900		1800	ug/Kg	95		0		0	0	0
2,4,5-Trichlorophenol	1900		1800	ug/Kg	95		0		0	0	0
1,1'-Biphenyl	1900		1700	ug/Kg	89		0		0	0	0
2-Chloronaphthalene	1900		1700	ug/Kg	89		0		0	0	0
2-Nitroaniline	1900		1800	ug/Kg	95		5	*	0	0	0
Dimethylphthalate	1900		1600	ug/Kg	84		6	*	0	0	0
2,6-Dinitrotoluene	1900		1900	ug/Kg	100		0		0	0	0
Acenaphthylene	1900		1700	ug/Kg	89		0		0	0	0
3-Nitroaniline	1900		1600	ug/Kg	84		0		0	0	0
Acenaphthene	1900		1600	ug/Kg	84		6		31	137	19
2,4-Dinitrophenol	1900		1400	ug/Kg	74		13	*	0	0	0
4-Nitrophenol	1900		1700	ug/Kg	89		7		11	114	50
Dibenzofuran	1900		1600	ug/Kg	84		6	*	0	0	0
2,4-Dinitrotoluene	1900		1800	ug/Kg	95	*	10		28	89	47
Diethylphthalate	1900		1600	ug/Kg	84		6	*	0	0	0
Fluorene	1900		1600	ug/Kg	84		6	*	0	0	0
4-Chlorophenyl-phenylether	1900		1600	ug/Kg	84		6	*	0	0	0
4-Nitroaniline	1900		1800	ug/Kg	95		5	*	0	0	0
4,6-Dinitro-2-methylphenol	1900		1500	ug/Kg	79		12	*	0	0	0
N-Nitrosodiphenylamine	1900		1700	ug/Kg	89		0		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN101724

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	1900		1800	ug/Kg	95	7	*		0	0	0
4-Bromophenyl-phenylether	1900		1700	ug/Kg	89	0			0	0	0
Hexachlorobenzene	1900		1600	ug/Kg	84	6	*		0	0	0
Atrazine	1900		1300	ug/Kg	68	8	*		0	0	0
Pentachlorophenol	1900		1600	ug/Kg	84	6			17	109	47
Phenanthrene	1900		1700	ug/Kg	89	0			0	0	0
Pentachlorobenzene	1900		1700	ug/Kg	89	0			0	0	0
Anthracene	1900		1600	ug/Kg	84	6	*		0	0	0
1,2,3,4-Tetrachlorobenzene	1900		1800	ug/Kg	95	7	*		0	0	0
Carbazole	1900		1700	ug/Kg	89	7	*		0	0	0
Di-n-butylphthalate	1900		1700	ug/Kg	89	7	*		0	0	0
Fluoranthene	1900		1700	ug/Kg	89	0			0	0	0
Pyrene	1900		1700	ug/Kg	89	0			35	142	36
Butylbenzylphthalate	1900		1900	ug/Kg	100	5	*		0	0	0
3,3'-Dichlorobenzidine	1900		1600	ug/Kg	84	0			0	0	0
Benzo(a)anthracene	1900		1700	ug/Kg	89	7	*		0	0	0
Chrysene	1900		1700	ug/Kg	89	0			0	0	0
Bis(2-ethylhexyl)phthalate	1900		1800	ug/Kg	95	5	*		0	0	0
Di-n-octylphthalate	1900		1800	ug/Kg	95	5	*		0	0	0
Benzo(b)fluoranthene	1900		1700	ug/Kg	89	7	*		0	0	0
Benzo(k)fluoranthene	1900		1700	ug/Kg	89	7	*		0	0	0
Benzo(a)pyrene	1900		1700	ug/Kg	89	7	*		0	0	0
Indeno(1,2,3-cd)pyrene	1900		1800	ug/Kg	95	0			0	0	0
Dibenzo(a,h)anthracene	1900		1800	ug/Kg	95	0			0	0	0
Benzo(g,h,i)perylene	1900		1800	ug/Kg	95	0			0	0	0
2,3,4,6-Tetrachlorophenol	1900		1700	ug/Kg	89	12	*		0	0	0

Surrogate Summary

SW-846

SDG No.: BN101724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4352-02	A4E82	BN034616.D	1,4-Dioxane-d8	8	3.23	40		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	18.80	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.08	48		10	150
			2-Chlorophenol-d4	40	19.65	49		15	120
			4-Methylphenol-d8	40	17.82	45		10	140
			Nitrobenzene-d5	40	20.68	52		10	135
			2-Nitrophenol-d4	40	20.89	52		10	120
			2,4-Dichlorophenol-d3	40	22.71	57		10	140
			4-Chloroaniline-d4	40	14.53	36		1	145
			Dimethylphthalate-d6	40	21.45	54		10	145
			Acenaphthylene-d8	40	21.47	54		15	120
			4-Nitrophenol-d4	40	18.96	47		10	150
			Fluorene-d10	40	21.92	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.94	32		10	130
			Anthracene-d10	40	22.77	57		10	150
			Pyrene-d10	40	23.07	58		10	130
			Benzo(a)pyrene-d12	40	22.79	57		10	140
P4352-02DL	A4E82DL	BN034617.D	1,4-Dioxane-d8	8	3.02	38		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	18.33	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.90	47		10	150
			2-Chlorophenol-d4	40	18.92	47		15	120
			4-Methylphenol-d8	40	17.52	44		10	140
			Nitrobenzene-d5	40	19.02	48		10	135
			2-Nitrophenol-d4	40	16.81	42		10	120
			2,4-Dichlorophenol-d3	40	21.66	54		10	140
			4-Chloroaniline-d4	40	14.15	35		1	145
			Dimethylphthalate-d6	40	21.21	53		10	145
			Acenaphthylene-d8	40	20.44	51		15	120
			4-Nitrophenol-d4	40	15.90	40		10	150
			Fluorene-d10	40	21.79	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.38	23		10	130
			Anthracene-d10	40	22.13	55		10	150
			Pyrene-d10	40	21.34	53		10	130
			Benzo(a)pyrene-d12	40	21.25	53		10	140
P4352-04	A4FD0	BN034620.D	1,4-Dioxane-d8	8	5.20	65		15	120
			Pyridine-d5	40	24.21	61		20	120
			Phenol-d5	40	27.68	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.06	70		10	150
			2-Chlorophenol-d4	40	29.04	73		15	120
			4-Methylphenol-d8	40	27.42	69		10	140
			Nitrobenzene-d5	40	30.82	77		10	135
			2-Nitrophenol-d4	40	32.47	81		10	120
			2,4-Dichlorophenol-d3	40	28.74	72		10	140
			4-Chloroaniline-d4	40	26.35	66		1	145
			Dimethylphthalate-d6	40	30.04	75		10	145
			Acenaphthylene-d8	40	30.67	77		15	120
			4-Nitrophenol-d4	40	19.60	49		10	150

Surrogate Summary

SW-846

SDG No.: BN101724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4352-04	A4FD0	BN034620.D	Fluorene-d10	40	30.08	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.41	39		10	130
			Anthracene-d10	40	31.35	78		10	150
			Pyrene-d10	40	32.62	82		10	130
			Benzo(a)pyrene-d12	40	32.49	81		10	140
P4352-05MS	A4FD0MS	BN034621.D	1,4-Dioxane-d8	8	4.64	58		15	120
			Pyridine-d5	40	22.00	55		20	120
			Phenol-d5	40	25.53	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.46	64		10	150
			2-Chlorophenol-d4	40	26.35	66		15	120
			4-Methylphenol-d8	40	25.51	64		10	140
			Nitrobenzene-d5	40	27.89	70		10	135
			2-Nitrophenol-d4	40	29.27	73		10	120
			2,4-Dichlorophenol-d3	40	27.94	70		10	140
			4-Chloroaniline-d4	40	23.13	58		1	145
			Dimethylphthalate-d6	40	27.13	68		10	145
			Acenaphthylene-d8	40	27.09	68		15	120
			4-Nitrophenol-d4	40	22.54	56		10	150
			Fluorene-d10	40	27.05	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.03	53		10	130
			Anthracene-d10	40	27.91	70		10	150
			Pyrene-d10	40	28.57	71		10	130
			Benzo(a)pyrene-d12	40	29.40	73		10	140
P4352-06MSD	A4FD0MSD	BN034622.D	1,4-Dioxane-d8	8	4.41	55		15	120
			Pyridine-d5	40	21.05	53		20	120
			Phenol-d5	40	23.47	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.22	61		10	150
			2-Chlorophenol-d4	40	24.91	62		15	120
			4-Methylphenol-d8	40	23.05	58		10	140
			Nitrobenzene-d5	40	27.13	68		10	135
			2-Nitrophenol-d4	40	28.16	70		10	120
			2,4-Dichlorophenol-d3	40	26.62	67		10	140
			4-Chloroaniline-d4	40	21.86	55		1	145
			Dimethylphthalate-d6	40	25.28	63		10	145
			Acenaphthylene-d8	40	26.04	65		15	120
			4-Nitrophenol-d4	40	20.80	52		10	150
			Fluorene-d10	40	25.48	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.53	49		10	130
			Anthracene-d10	40	26.35	66		10	150
			Pyrene-d10	40	27.52	69		10	130
			Benzo(a)pyrene-d12	40	28.01	70		10	140
PB164147BL	PB164147BL	BN034615.D	Pyridine-d5	40	24.74	62		20	120
			1,4-Dioxane-d8	8	5.25	66		15	120
			Phenol-d5	40	24.84	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.68	64		10	150
			2-Chlorophenol-d4	40	26.11	65		15	120
			4-Methylphenol-d8	40	24.61	62		10	140
			Nitrobenzene-d5	40	27.98	70		10	135
			2-Nitrophenol-d4	40	29.28	73		10	120

Surrogate Summary

SW-846

SDG No.: BN101724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164147BL	PB164147BL	BN034615.D	2,4-Dichlorophenol-d3	40	25.50	64		10	140
			4-Chloroaniline-d4	40	25.48	64		1	145
			Dimethylphthalate-d6	40	26.62	67		10	145
			Acenaphthylene-d8	40	26.39	66		15	120
			4-Nitrophenol-d4	40	22.81	57		10	150
			Fluorene-d10	40	26.34	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.03	45		10	130
			Anthracene-d10	40	27.42	69		10	150
			Pyrene-d10	40	27.91	70		10	130
			Benzo(a)pyrene-d12	40	27.31	68		10	140
			1,4-Dioxane-d8	8	5.22	65		15	120
			Pyridine-d5	40	25.23	63		20	120
			Phenol-d5	40	25.73	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.14	65		10	150
PB164147BS	PB164147BS	BN034624.D	2-Chlorophenol-d4	40	27.05	68		15	120
			4-Methylphenol-d8	40	25.26	63		10	140
			Nitrobenzene-d5	40	28.74	72		10	135
			2-Nitrophenol-d4	40	29.14	73		10	120
			2,4-Dichlorophenol-d3	40	27.96	70		10	140
			4-Chloroaniline-d4	40	24.59	61		1	145
			Dimethylphthalate-d6	40	27.19	68		10	145
			Acenaphthylene-d8	40	27.33	68		15	120
			4-Nitrophenol-d4	40	27.72	69		10	150
			Fluorene-d10	40	27.34	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.61	59		10	130
			Anthracene-d10	40	27.73	69		10	150
			Pyrene-d10	40	28.79	72		10	130
			Benzo(a)pyrene-d12	40	28.54	71		10	140

Surrogate Summary

SW-846

SDG No.: BN101724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4360-02	A4E85	BN034618.D	1,4-Dioxane-d8	8	4.55	57		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	27.31	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.20	68		10	150
			2-Chlorophenol-d4	40	28.22	71		15	120
			4-Methylphenol-d8	40	26.48	66		10	140
			Nitrobenzene-d5	40	30.31	76		10	135
			2-Nitrophenol-d4	40	32.23	81		10	120
			2,4-Dichlorophenol-d3	40	34.50	86		10	140
			4-Chloroaniline-d4	40	20.09	50		1	145
			Dimethylphthalate-d6	40	30.48	76		10	145
			Acenaphthylene-d8	40	31.05	78		15	120
			4-Nitrophenol-d4	40	27.90	70		10	150
			Fluorene-d10	40	31.30	78		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.55	51		10	130
			Anthracene-d10	40	30.74	77		10	150
			Pyrene-d10	40	32.89	82		10	130
			Benzo(a)pyrene-d12	40	32.34	81		10	140
P4360-02DL	A4E85DL	BN034619.D	1,4-Dioxane-d8	8	4.53	57		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	27.07	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.63	69		10	150
			2-Chlorophenol-d4	40	28.02	70		15	120
			4-Methylphenol-d8	40	25.51	64		10	140
			Nitrobenzene-d5	40	29.39	73		10	135
			2-Nitrophenol-d4	40	27.07	68		10	120
			2,4-Dichlorophenol-d3	40	34.22	86		10	140
			4-Chloroaniline-d4	40	21.09	53		1	145
			Dimethylphthalate-d6	40	31.58	79		10	145
			Acenaphthylene-d8	40	32.66	82		15	120
			4-Nitrophenol-d4	40	22.97	57		10	150
			Fluorene-d10	40	32.16	80		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.01	35		10	130
			Anthracene-d10	40	31.92	80		10	150
			Pyrene-d10	40	34.00	85		10	130
			Benzo(a)pyrene-d12	40	31.83	80		10	140
P4360-04	A4FC7	BN034628.D	1,4-Dioxane-d8	8	2.11	26		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	10.59	26		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.63	32		10	150
			2-Chlorophenol-d4	40	11.80	30		15	120
			4-Methylphenol-d8	40	7.51	19		10	140
			Nitrobenzene-d5	40	12.68	32		10	135
			2-Nitrophenol-d4	40	11.33	28		10	120
			2,4-Dichlorophenol-d3	40	11.28	28		10	140
			4-Chloroaniline-d4	40	7.26	18		1	145
			Dimethylphthalate-d6	40	13.56	34		10	145
			Acenaphthylene-d8	40	13.37	33		15	120
			4-Nitrophenol-d4	40	6.25	16		10	150

Surrogate Summary

SW-846

SDG No.: **BN101724**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4360-04	A4FC7	BN034628.D	Fluorene-d10	40	14.11	35		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.63	12		10	130
			Anthracene-d10	40	12.73	32		10	150
			Pyrene-d10	40	12.03	30		10	130
			Benzo(a)pyrene-d12	40	8.05	20		10	140
P4360-05	A4FC8	BN034629.D	1,4-Dioxane-d8	8	2.06	26		15	120
			Pyridine-d5	40	2.56	6	*	20	120
			Phenol-d5	40	12.23	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.19	30		10	150
			2-Chlorophenol-d4	40	12.27	31		15	120
			4-Methylphenol-d8	40	11.58	29		10	140
			Nitrobenzene-d5	40	12.18	30		10	135
			2-Nitrophenol-d4	40	11.34	28		10	120
			2,4-Dichlorophenol-d3	40	12.90	32		10	140
			4-Chloroaniline-d4	40	4.76	12		1	145
			Dimethylphthalate-d6	40	13.93	35		10	145
			Acenaphthylene-d8	40	13.69	34		15	120
			4-Nitrophenol-d4	40	9.29	23		10	150
			Fluorene-d10	40	14.87	37		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.19	13		10	130
			Anthracene-d10	40	14.81	37		10	150
			Pyrene-d10	40	13.40	33		10	130
			Benzo(a)pyrene-d12	40	9.85	25		10	140
P4360-06MS	A4FC8MS	BN034630.D	1,4-Dioxane-d8	8	2.17	27		15	120
			Pyridine-d5	40	8.66	22		20	120
			Phenol-d5	40	12.34	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.70	32		10	150
			2-Chlorophenol-d4	40	13.07	33		15	120
			4-Methylphenol-d8	40	11.41	29		10	140
			Nitrobenzene-d5	40	13.92	35		10	135
			2-Nitrophenol-d4	40	13.67	34		10	120
			2,4-Dichlorophenol-d3	40	14.14	35		10	140
			4-Chloroaniline-d4	40	5.50	14		1	145
			Dimethylphthalate-d6	40	14.08	35		10	145
			Acenaphthylene-d8	40	13.96	35		15	120
			4-Nitrophenol-d4	40	11.72	29		10	150
			Fluorene-d10	40	14.10	35		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.51	19		10	130
			Anthracene-d10	40	14.06	35		10	150
			Pyrene-d10	40	12.29	31		10	130
			Benzo(a)pyrene-d12	40	8.98	22		10	140
P4360-07MSD	A4FC8MSD	BN034631.D	1,4-Dioxane-d8	8	2.37	30		15	120
			Pyridine-d5	40	9.65	24		20	120
			Phenol-d5	40	14.50	36		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.54	36		10	150
			2-Chlorophenol-d4	40	15.28	38		15	120
			4-Methylphenol-d8	40	13.95	35		10	140
			Nitrobenzene-d5	40	16.15	40		10	135
			2-Nitrophenol-d4	40	17.20	43		10	120

Surrogate Summary

SW-846

SDG No.: BN101724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4360-07MSD	A4FC8MSD	BN034631.D	2,4-Dichlorophenol-d3	40	16.73	42		10	140
			4-Chloroaniline-d4	40	5.52	14		1	145
			Dimethylphthalate-d6	40	16.80	42		10	145
			Acenaphthylene-d8	40	16.26	41		15	120
			4-Nitrophenol-d4	40	12.49	31		10	150
			Fluorene-d10	40	15.87	40		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.07	20		10	130
			Anthracene-d10	40	17.00	43		10	150
			Pyrene-d10	40	14.68	37		10	130
			Benzo(a)pyrene-d12	40	10.57	26		10	140
P4360-08	A4FC9	BN034632.D	1,4-Dioxane-d8	8	2.10	26		15	120
			Pyridine-d5	40	2.42	6	*	20	120
			Phenol-d5	40	12.02	30		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.48	31		10	150
			2-Chlorophenol-d4	40	12.72	32		15	120
			4-Methylphenol-d8	40	9.97	25		10	140
			Nitrobenzene-d5	40	13.87	35		10	135
			2-Nitrophenol-d4	40	13.40	34		10	120
			2,4-Dichlorophenol-d3	40	12.40	31		10	140
			4-Chloroaniline-d4	40	6.34	16		1	145
			Dimethylphthalate-d6	40	14.04	35		10	145
			Acenaphthylene-d8	40	13.69	34		15	120
			4-Nitrophenol-d4	40	7.80	19		10	150
			Fluorene-d10	40	13.00	33		20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.08	5	*	10	130
			Anthracene-d10	40	13.25	33		10	150
			Pyrene-d10	40	12.08	30		10	130
			Benzo(a)pyrene-d12	40	8.73	22		10	140
PB164165BL	PB164165BL	BN034626.D	1,4-Dioxane-d8	8	5.75	72		15	120
			Pyridine-d5	40	25.86	65		20	120
			Phenol-d5	40	25.83	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.68	67		10	150
			2-Chlorophenol-d4	40	27.25	68		15	120
			4-Methylphenol-d8	40	24.92	62		10	140
			Nitrobenzene-d5	40	28.92	72		10	135
			2-Nitrophenol-d4	40	29.01	73		10	120
			2,4-Dichlorophenol-d3	40	26.22	66		10	140
			4-Chloroaniline-d4	40	26.37	66		1	145
			Dimethylphthalate-d6	40	27.14	68		10	145
			Acenaphthylene-d8	40	28.28	71		15	120
			4-Nitrophenol-d4	40	21.72	54		10	150
			Fluorene-d10	40	27.16	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.98	37		10	130
			Anthracene-d10	40	28.52	71		10	150
			Pyrene-d10	40	29.80	74		10	130
			Benzo(a)pyrene-d12	40	28.68	72		10	140
PB164165BS	PB164165BS	BN034640.D	1,4-Dioxane-d8	8	4.60	57		15	120
			Pyridine-d5	40	22.92	57		20	120
			Phenol-d5	40	24.80	62		10	130

Surrogate Summary

SW-846

SDG No.: BN101724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164165BS	PB164165BS	BN034640.D	Bis(2-Chloroethyl)ether-d8	40	25.08	63		10	150
			2-Chlorophenol-d4	40	26.22	66		15	120
			4-Methylphenol-d8	40	24.12	60		10	140
			Nitrobenzene-d5	40	27.75	69		10	135
			2-Nitrophenol-d4	40	30.06	75		10	120
			2,4-Dichlorophenol-d3	40	26.57	66		10	140
			4-Chloroaniline-d4	40	22.61	57		1	145
			Dimethylphthalate-d6	40	25.14	63		10	145
			Acenaphthylene-d8	40	25.71	64		15	120
			4-Nitrophenol-d4	40	22.34	56		10	150
			Fluorene-d10	40	23.68	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.39	51		10	130
			Anthracene-d10	40	25.58	64		10	150
			Pyrene-d10	40	26.88	67		10	130
			Benzo(a)pyrene-d12	40	26.49	66		10	140

Surrogate Summary

SW-846

SDG No.: BN101724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4346-10	EOAX0	BN034633.D	1,4-Dioxane-d8	8	1.88	23		15	120
			Pyridine-d5	40	9.00	22		20	120
			Phenol-d5	40	10.13	25		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.37	26		10	150
			2-Chlorophenol-d4	40	10.79	27		15	120
			4-Methylphenol-d8	40	9.84	25		10	140
			Nitrobenzene-d5	40	11.47	29		10	135
			2-Nitrophenol-d4	40	11.17	28		10	120
			2,4-Dichlorophenol-d3	40	10.61	27		10	140
			4-Chloroaniline-d4	40	10.41	26		1	145
			Dimethylphthalate-d6	40	11.42	29		10	145
			Acenaphthylene-d8	40	11.68	29		15	120
			4-Nitrophenol-d4	40	6.55	16		10	150
			Fluorene-d10	40	11.33	28		20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.00	5	*	10	130
			Anthracene-d10	40	11.80	29		10	150
			Pyrene-d10	40	11.94	30		10	130
			Benzo(a)pyrene-d12	40	11.88	30		10	140
P4346-11	EOAX1	BN034634.D	1,4-Dioxane-d8	8	1.35	17		15	120
			Pyridine-d5	40	7.13	18	*	20	120
			Phenol-d5	40	11.52	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	8.92	22		10	150
			2-Chlorophenol-d4	40	9.70	24		15	120
			4-Methylphenol-d8	40	14.07	35		10	140
			Nitrobenzene-d5	40	11.40	29		10	135
			2-Nitrophenol-d4	40	13.36	33		10	120
			2,4-Dichlorophenol-d3	40	15.24	38		10	140
			4-Chloroaniline-d4	40	14.82	37		1	145
			Dimethylphthalate-d6	40	21.05	53		10	145
			Acenaphthylene-d8	40	19.09	48		15	120
			4-Nitrophenol-d4	40	6.63	17		10	150
			Fluorene-d10	40	20.76	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.40	6	*	10	130
			Anthracene-d10	40	21.48	54		10	150
			Pyrene-d10	40	26.11	65		10	130
			Benzo(a)pyrene-d12	40	22.02	55		10	140
P4346-12	EOAX2	BN034635.D	1,4-Dioxane-d8	8	2.88	36		15	120
			Pyridine-d5	40	14.73	37		20	120
			Phenol-d5	40	16.83	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.23	43		10	150
			2-Chlorophenol-d4	40	17.69	44		15	120
			4-Methylphenol-d8	40	17.89	45		10	140
			Nitrobenzene-d5	40	18.70	47		10	135
			2-Nitrophenol-d4	40	19.57	49		10	120
			2,4-Dichlorophenol-d3	40	17.86	45		10	140
			4-Chloroaniline-d4	40	17.45	44		1	145
			Dimethylphthalate-d6	40	20.54	51		10	145
			Acenaphthylene-d8	40	19.68	49		15	120
			4-Nitrophenol-d4	40	8.83	22		10	150

Surrogate Summary

SW-846

SDG No.: BN101724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4346-12	EOAX2	BN034635.D	Fluorene-d10	40	19.12	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.14	10		10	130
			Anthracene-d10	40	20.49	51		10	150
			Pyrene-d10	40	23.60	59		10	130
			Benzo(a)pyrene-d12	40	21.68	54		10	140
P4346-13	EOAX3	BN034636.D	1,4-Dioxane-d8	8	2.73	34		15	120
			Pyridine-d5	40	13.91	35		20	120
			Phenol-d5	40	16.67	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.24	43		10	150
			2-Chlorophenol-d4	40	17.49	44		15	120
			4-Methylphenol-d8	40	17.91	45		10	140
			Nitrobenzene-d5	40	18.89	47		10	135
			2-Nitrophenol-d4	40	20.16	50		10	120
			2,4-Dichlorophenol-d3	40	18.53	46		10	140
			4-Chloroaniline-d4	40	18.02	45		1	145
			Dimethylphthalate-d6	40	20.77	52		10	145
			Acenaphthylene-d8	40	20.07	50		15	120
			4-Nitrophenol-d4	40	12.91	32		10	150
			Fluorene-d10	40	20.08	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.36	16		10	130
			Anthracene-d10	40	20.74	52		10	150
			Pyrene-d10	40	25.07	63		10	130
			Benzo(a)pyrene-d12	40	21.94	55		10	140
P4346-14	EOAX4	BN034637.D	1,4-Dioxane-d8	8	3.87	48		15	120
			Pyridine-d5	40	19.06	48		20	120
			Phenol-d5	40	20.40	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.35	53		10	150
			2-Chlorophenol-d4	40	21.99	55		15	120
			4-Methylphenol-d8	40	20.69	52		10	140
			Nitrobenzene-d5	40	24.20	61		10	135
			2-Nitrophenol-d4	40	25.79	64		10	120
			2,4-Dichlorophenol-d3	40	22.13	55		10	140
			4-Chloroaniline-d4	40	20.76	52		1	145
			Dimethylphthalate-d6	40	22.79	57		10	145
			Acenaphthylene-d8	40	23.16	58		15	120
			4-Nitrophenol-d4	40	14.60	36		10	150
			Fluorene-d10	40	22.13	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.08	20		10	130
			Anthracene-d10	40	22.88	57		10	150
			Pyrene-d10	40	23.07	58		10	130
			Benzo(a)pyrene-d12	40	23.49	59		10	140
P4346-15	EOAX5	BN034638.D	1,4-Dioxane-d8	8	3.05	38		15	120
			Pyridine-d5	40	14.97	37		20	120
			Phenol-d5	40	16.97	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.18	43		10	150
			2-Chlorophenol-d4	40	17.85	45		15	120
			4-Methylphenol-d8	40	17.21	43		10	140
			Nitrobenzene-d5	40	18.68	47		10	135
			2-Nitrophenol-d4	40	19.46	49		10	120

Surrogate Summary

SW-846

SDG No.: BN101724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4346-15	EOAX5	BN034638.D	2,4-Dichlorophenol-d3	40	17.88	45		10	140
			4-Chloroaniline-d4	40	16.60	42		1	145
			Dimethylphthalate-d6	40	18.87	47		10	145
			Acenaphthylene-d8	40	18.67	47		15	120
			4-Nitrophenol-d4	40	10.15	25		10	150
			Fluorene-d10	40	17.89	45		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.90	12		10	130
			Anthracene-d10	40	19.36	48		10	150
			Pyrene-d10	40	20.51	51		10	130
			Benzo(a)pyrene-d12	40	20.48	51		10	140
P4346-17	EOAX7	BN034639.D	1,4-Dioxane-d8	8	3.25	41		15	120
			Pyridine-d5	40	14.86	37		20	120
			Phenol-d5	40	16.78	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.01	43		10	150
			2-Chlorophenol-d4	40	17.64	44		15	120
			4-Methylphenol-d8	40	16.64	42		10	140
			Nitrobenzene-d5	40	19.24	48		10	135
			2-Nitrophenol-d4	40	19.57	49		10	120
			2,4-Dichlorophenol-d3	40	17.34	43		10	140
			4-Chloroaniline-d4	40	15.94	40		1	145
			Dimethylphthalate-d6	40	19.20	48		10	145
			Acenaphthylene-d8	40	19.10	48		15	120
			4-Nitrophenol-d4	40	9.57	24		10	150
			Fluorene-d10	40	19.09	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.02	13		10	130
			Anthracene-d10	40	20.16	50		10	150
			Pyrene-d10	40	20.13	50		10	130
			Benzo(a)pyrene-d12	40	20.41	51		10	140
P4346-19	EOAX9	BN034623.D	Pyridine-d5	40	17.78	44		20	120
			1,4-Dioxane-d8	8	3.60	45		15	120
			Phenol-d5	40	19.35	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.86	50		10	150
			2-Chlorophenol-d4	40	20.41	51		15	120
			4-Methylphenol-d8	40	19.98	50		10	140
			Nitrobenzene-d5	40	20.35	51		10	135
			2-Nitrophenol-d4	40	20.67	52		10	120
			2,4-Dichlorophenol-d3	40	19.88	50		10	140
			4-Chloroaniline-d4	40	19.68	49		1	145
			Dimethylphthalate-d6	40	21.14	53		10	145
			Acenaphthylene-d8	40	21.01	53		15	120
			4-Nitrophenol-d4	40	12.84	32		10	150
			Fluorene-d10	40	21.48	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.20	20		10	130
			Anthracene-d10	40	22.21	56		10	150
			Pyrene-d10	40	22.97	57		10	130
			Benzo(a)pyrene-d12	40	23.47	59		10	140
PB164170BL	PB164170BL	BN034627.D	1,4-Dioxane-d8	8	5.42	68		15	120
			Pyridine-d5	40	26.35	66		20	120
			Phenol-d5	40	25.86	65		10	130

Surrogate Summary

SW-846

SDG No.: BN101724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164170BL	PB164170BL	BN034627.D	Bis(2-Chloroethyl)ether-d8	40	26.92	67		10	150
			2-Chlorophenol-d4	40	27.02	68		15	120
			4-Methylphenol-d8	40	25.16	63		10	140
			Nitrobenzene-d5	40	28.80	72		10	135
			2-Nitrophenol-d4	40	27.80	69		10	120
			2,4-Dichlorophenol-d3	40	26.14	65		10	140
			4-Chloroaniline-d4	40	26.15	65		1	145
			Dimethylphthalate-d6	40	27.90	70		10	145
			Acenaphthylene-d8	40	28.42	71		15	120
			4-Nitrophenol-d4	40	21.81	55		10	150
			Fluorene-d10	40	27.94	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.92	42		10	130
			Anthracene-d10	40	29.16	73		10	150
			Pyrene-d10	40	30.76	77		10	130
			Benzo(a)pyrene-d12	40	29.81	75		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN101724

Lab Code: CHEM

SAS No.: BN101724 SDG NO.: BN101724

Lab File ID: BN034613.D

DFTPP Injection Date: 10/17/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.5
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	39.5
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	51.8
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	25.1
365	Greater than 1% of mass 198	2.8
441	Present, but less than mass 443	12.9
442	Greater than 50% of mass 198	86.1
443	15.0 - 24.0% of mass 442	16.2 (18.8) 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
SSTD020341	SSTDCCC020	BN034614.D	10/17/2024	09:41
SBLK147	PB164147BL	BN034615.D	10/17/2024	10:20
A4E82	P4352-02	BN034616.D	10/17/2024	11:00
A4E82DL	P4352-02DL	BN034617.D	10/17/2024	11:47
A4E85	P4360-02	BN034618.D	10/17/2024	12:26
A4E85DL	P4360-02DL	BN034619.D	10/17/2024	13:05
A4FD0	P4352-04	BN034620.D	10/17/2024	14:02
A4FD0MS	P4352-05MS	BN034621.D	10/17/2024	14:41
A4FD0MSD	P4352-06MSD	BN034622.D	10/17/2024	15:21
EOAX9	P4346-19	BN034623.D	10/17/2024	16:00
SLCS147	PB164147BS	BN034624.D	10/17/2024	16:39
SSTD020342	SSTDCCC020	BN034625.D	10/17/2024	17:19
SBLK165	PB164165BL	BN034626.D	10/17/2024	17:58
SBLK170	PB164170BL	BN034627.D	10/17/2024	18:37
A4FC7	P4360-04	BN034628.D	10/17/2024	19:17
A4FC8	P4360-05	BN034629.D	10/17/2024	19:56
A4FC8MS	P4360-06MS	BN034630.D	10/17/2024	20:35
A4FC8MSD	P4360-07MSD	BN034631.D	10/17/2024	21:14

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN101724

Lab Code: CHEM

SAS No.: BN101724

SDG NO.: BN101724

Lab File ID: BN034613.D

DFTPP Injection Date: 10/17/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.5
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	39.5
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	51.8
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	25.1
365	Greater than 1% of mass 198	2.8
441	Present, but less than mass 443	12.9
442	Greater than 50% of mass 198	86.1
443	15.0 - 24.0% of mass 442	16.2 (18.8) 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
A4FC9	P4360-08	BN034632.D	10/17/2024	21:54
EOAX0	P4346-10	BN034633.D	10/17/2024	22:33
EOAX1	P4346-11	BN034634.D	10/17/2024	23:12
EOAX2	P4346-12	BN034635.D	10/17/2024	23:52
EOAX3	P4346-13	BN034636.D	10/18/2024	00:31
EOAX4	P4346-14	BN034637.D	10/18/2024	01:10
EOAX5	P4346-15	BN034638.D	10/18/2024	01:50
EOAX7	P4346-17	BN034639.D	10/18/2024	02:29
SLCS165	PB164165BS	BN034640.D	10/18/2024	03:08
SSTD020343	SSTDCCC020EC	BN034641.D	10/18/2024	04:27