

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN081424 SAS No.: BN081424 SDG No.: BN081424

Instrument ID: BNA_N Calibration Date/Time: 8/14/2024 1:09:00

Lab File ID: BN033374.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020308 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.514	0.533	0.010	3.6538	40.0
Benzaldehyde	0.953	1.183	0.010	24.1402	40.0
Pyridine	1.529	1.556	0.010	1.7753	40.0
Phenol	1.928	1.942	0.080	0.7572	20.0
Bis(2-Chloroethyl)ether	1.535	1.580	0.100	2.9252	20.0
2-Chlorophenol	1.443	1.496	0.200	3.6774	20.0
2-Methylphenol	1.458	1.442	0.010	-1.1447	20.0
2,2-oxybis(1-Chloropropane)	2.492	2.582	0.010	3.6237	40.0
Acetophenone	2.464	2.549	0.060	3.4698	20.0
4-Methylphenol	1.632	1.660	0.010	1.7001	20.0
N-Nitroso-di-n-propylamine	1.259	1.331	0.050	5.7645	30.0
Hexachloroethane	0.603	0.618	0.100	2.5478	20.0
Nitrobenzene	0.383	0.396	0.050	3.511	25.0
Isophorone	0.777	0.811	0.050	4.4254	25.0
2-Nitrophenol	0.156	0.163	0.050	4.3092	25.0
2,4-Dimethylphenol	0.370	0.387	0.050	4.5942	25.0
Bis(2-Chloroethoxy)methane	0.481	0.484	0.050	0.5911	20.0
2,4-Dichlorophenol	0.309	0.317	0.060	2.7101	20.0
Naphthalene	1.115	1.131	0.200	1.4489	20.0
4-Chloroaniline	0.487	0.494	0.010	1.5786	40.0
Hexachlorobutadiene	0.193	0.199	0.040	3.3072	30.0
Caprolactam	0.123	0.126	0.010	2.5666	40.0
4-Chloro-3-methylphenol	0.355	0.381	0.040	7.376	25.0
1-Methylnaphthalene	0.793	0.820	0.100	3.364	20.0
2-Methylnaphthalene	0.785	0.810	0.100	3.1794	20.0
Hexachlorocyclopentadiene	0.317	0.300	0.010	-5.385	40.0
2,4,6-Trichlorophenol	0.351	0.365	0.090	3.7415	25.0
2,4,5-Trichlorophenol	0.396	0.408	0.100	3.1399	25.0
1,1-Biphenyl	1.508	1.524	0.200	1.0499	20.0
2-Chloronaphthalene	1.169	1.167	0.300	-0.2182	20.0
2-Nitroaniline	0.336	0.353	0.050	5.0487	40.0
Dimethylphthalate	1.528	1.556	0.300	1.8446	20.0
2,6-Dinitrotoluene	0.278	0.294	0.080	5.9826	30.0
Acenaphthylene	1.861	1.910	0.400	2.6106	20.0
3-Nitroaniline	0.314	0.336	0.010	6.9677	40.0
Acenaphthene	1.315	1.335	0.200	1.5206	20.0
2,4-Dinitrophenol	0.137	0.117	0.010	-14.7974	40.0
4-Nitrophenol	0.230	0.242	0.010	4.8904	40.0
Dibenzofuran	1.836	1.839	0.300	0.15	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN081424 SAS No.: BN081424 SDG No.: BN081424

Instrument ID: BNA_N Calibration Date/Time: 8/14/2024 1:09:00

Lab File ID: BN033374.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020308 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.417	0.447	0.070	7.0081	30.0
Diethylphthalate	1.594	1.644	0.300	3.1327	20.0
Fluorene	1.511	1.526	0.200	0.9991	20.0
4-Chlorophenyl-phenylether	0.725	0.732	0.100	1.0015	20.0
4-Nitroaniline	0.324	0.371	0.010	14.5081	40.0
4,6-Dinitro-2-methylphenol	0.106	0.097	0.010	-8.7702	40.0
N-Nitrosodiphenylamine	0.601	0.604	0.050	0.3658	20.0
1,2,4,5-Tetrachlorobenzene	0.573	0.564	0.100	-1.569	20.0
4-Bromophenyl-phenylether	0.204	0.204	0.070	0.1478	20.0
Hexachlorobenzene	0.234	0.240	0.050	2.877	25.0
Atrazine	0.224	0.223	0.010	-0.2823	25.0
Pentachlorophenol	0.147	0.140	0.010	-4.6806	40.0
Phenanthrene	1.118	1.117	0.200	-0.1511	20.0
Pentachlorobenzene	0.278	0.277	0.050	-0.0211	20.0
Anthracene	1.139	1.155	0.200	1.355	20.0
1,2,3,4-Tetrachlorobenzene	0.270	0.263	0.050	-2.531	20.0
Carbazole	1.050	1.094	0.050	4.1603	40.0
Di-n-butylphthalate	1.312	1.334	0.500	1.7273	25.0
Fluoranthene	1.291	1.280	0.400	-0.8542	25.0
Pyrene	1.400	1.379	0.400	-1.4437	25.0
Butylbenzylphthalate	0.561	0.574	0.100	2.2627	40.0
3,3-Dichlorobenzidine	0.456	0.444	0.010	-2.5724	40.0
Benzo (a) anthracene	1.439	1.422	0.300	-1.1652	30.0
Chrysene	1.353	1.343	0.200	-0.7711	30.0
Bis(2-ethylhexyl)phthalate	0.910	0.940	0.200	3.2703	40.0
Di-n-octyl phthalate	1.288	1.319	0.010	2.383	40.0
Benzo (b) fluoranthene	1.243	1.237	0.200	-0.4878	25.0
Benzo (k) fluoranthene	1.234	1.209	0.200	-2.0405	25.0
Benzo (a) pyrene	1.178	1.178	0.200	-0.0664	20.0
Indeno (1,2,3-cd) pyrene	1.462	1.456	0.200	-0.4494	25.0
Dibenzo (a,h) anthracene	1.198	1.176	0.200	-1.8273	30.0
Benzo (g,h,i) perylene	1.124	1.115	0.200	-0.7415	30.0
2,3,4,6-Tetrachlorophenol	0.322	0.338	0.040	5.2616	20.0
1,4-Dioxane-d8	0.490	0.504	0.010	2.815	25.0
Pyridine-d5	1.488	1.498	0.010	0.6956	40.0
Phenol-d5	1.834	1.812	0.010	-1.2403	25.0
Bis- (2-Chloroethyl) ether-d8	1.176	1.213	0.050	3.11	25.0
2-Chlorophenol-d4	1.383	1.422	0.200	2.8066	20.0
4-Methylphenol-d8	1.517	1.540	0.010	1.4999	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN081424 SAS No.: BN081424 SDG No.: BN081424

Instrument ID: BNA_N Calibration Date/Time: 8/14/2024 1:09:00

Lab File ID: BN033374.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020308 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.152	0.157	0.050	2.8223	20.0
2-Nitrophenol-d4	0.134	0.137	0.050	2.2034	30.0
2,4-Dichlorophenol-d3	0.298	0.313	0.060	4.888	20.0
4-Chloroaniline-d4	0.497	0.500	0.010	0.501	40.0
Dimethylphthalate-d6	1.522	1.557	0.300	2.2719	20.0
Acenaphthylene-d8	1.704	1.740	0.400	2.1324	20.0
4-Nitrophenol-d4	0.294	0.299	0.010	1.7258	40.0
Fluorene-d10	1.305	1.341	0.100	2.7295	20.0
4,6-Dinitro-2-methylphenol-d2	0.094	0.082	0.010	-12.6057	40.0
Anthracene-d10	0.948	0.968	0.300	2.1346	20.0
Pyrene-d10	1.104	1.119	0.300	1.2779	25.0
Benzo(a)pyrene-d12	1.040	1.064	0.010	2.3481	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.: BN081424 SAS No.: BN081424 SDG No.: BN081424

Instrument ID: BNA_N Calibration Date/Time: 8/14/2024 1:17:55

Lab File ID: BN033386.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020309 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.514	0.452	0.010	-12.1471	50.0
Benzaldehyde	0.953	1.088	0.010	14.1057	50.0
Pyridine	1.529	1.377	0.010	-9.9854	50.0
Phenol	1.928	1.870	0.080	-3.0112	50.0
Bis(2-Chloroethyl)ether	1.535	1.446	0.100	-5.7857	50.0
2-Chlorophenol	1.443	1.453	0.200	0.7427	50.0
2-Methylphenol	1.458	1.442	0.010	-1.1194	50.0
2,2-oxybis(1-Chloropropane)	2.492	2.277	0.010	-8.6077	50.0
Acetophenone	2.464	2.306	0.060	-6.3959	50.0
4-Methylphenol	1.632	1.615	0.010	-1.041	50.0
N-Nitroso-di-n-propylamine	1.259	1.185	0.050	-5.8678	50.0
Hexachloroethane	0.603	0.582	0.100	-3.5238	50.0
Nitrobenzene	0.383	0.368	0.050	-3.9137	50.0
Isophorone	0.777	0.721	0.050	-7.2302	50.0
2-Nitrophenol	0.156	0.175	0.050	11.5704	50.0
2,4-Dimethylphenol	0.370	0.368	0.050	-0.5154	50.0
Bis(2-Chloroethoxy)methane	0.481	0.439	0.050	-8.6807	50.0
2,4-Dichlorophenol	0.309	0.318	0.060	3.0394	50.0
Naphthalene	1.115	1.046	0.200	-6.2102	50.0
4-Chloroaniline	0.487	0.449	0.010	-7.6585	50.0
Hexachlorobutadiene	0.193	0.187	0.040	-2.9586	50.0
Caprolactam	0.123	0.114	0.010	-7.7039	50.0
4-Chloro-3-methylphenol	0.355	0.360	0.040	1.3076	50.0
1-Methylnaphthalene	0.793	0.747	0.100	-5.8107	50.0
2-Methylnaphthalene	0.785	0.739	0.100	-5.8839	50.0
Hexachlorocyclopentadiene	0.317	0.276	0.010	-12.896	50.0
2,4,6-Trichlorophenol	0.351	0.380	0.090	8.2013	50.0
2,4,5-Trichlorophenol	0.396	0.420	0.100	6.1272	50.0
1,1-Biphenyl	1.508	1.440	0.200	-4.5598	50.0
2-Chloronaphthalene	1.169	1.118	0.300	-4.3742	50.0
2-Nitroaniline	0.336	0.344	0.050	2.5041	50.0
Dimethylphthalate	1.528	1.419	0.300	-7.1044	50.0
2,6-Dinitrotoluene	0.278	0.284	0.080	2.2086	50.0
Acenaphthylene	1.861	1.790	0.400	-3.8392	50.0
3-Nitroaniline	0.314	0.324	0.010	2.9505	50.0
Acenaphthene	1.315	1.252	0.200	-4.7918	50.0
2,4-Dinitrophenol	0.137	0.127	0.010	-7.4729	50.0
4-Nitrophenol	0.230	0.221	0.010	-4.0223	50.0
Dibenzofuran	1.836	1.719	0.300	-6.3696	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN081424 SAS No.: BN081424 SDG No.: BN081424

Instrument ID: BNA_N Calibration Date/Time: 8/14/2024 1:17:55

Lab File ID: BN033386.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020309 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.417	0.414	0.070	-0.8142	50.0
Diethylphthalate	1.594	1.448	0.300	-9.1889	50.0
Fluorene	1.511	1.408	0.200	-6.8436	50.0
4-Chlorophenyl-phenylether	0.725	0.666	0.100	-8.1445	50.0
4-Nitroaniline	0.324	0.331	0.010	2.3047	50.0
4,6-Dinitro-2-methylphenol	0.106	0.101	0.010	-4.9332	50.0
N-Nitrosodiphenylamine	0.601	0.573	0.050	-4.7012	50.0
1,2,4,5-Tetrachlorobenzene	0.573	0.566	0.100	-1.1369	50.0
4-Bromophenyl-phenylether	0.204	0.198	0.070	-2.7831	50.0
Hexachlorobenzene	0.234	0.227	0.050	-2.7741	50.0
Atrazine	0.224	0.215	0.010	-4.1216	50.0
Pentachlorophenol	0.147	0.149	0.010	1.3472	50.0
Phenanthrene	1.118	1.035	0.200	-7.4534	50.0
Pentachlorobenzene	0.278	0.274	0.050	-1.1209	50.0
Anthracene	1.139	1.054	0.200	-7.5208	50.0
1,2,3,4-Tetrachlorobenzene	0.270	0.269	0.050	-0.1779	50.0
Carbazole	1.050	1.003	0.050	-4.5525	50.0
Di-n-butylphthalate	1.312	1.251	0.500	-4.6303	50.0
Fluoranthene	1.291	1.278	0.400	-1.0441	50.0
Pyrene	1.400	1.341	0.400	-4.2153	50.0
Butylbenzylphthalate	0.561	0.608	0.100	8.4821	50.0
3,3-Dichlorobenzidine	0.456	0.444	0.010	-2.523	50.0
Benzo (a) anthracene	1.439	1.397	0.300	-2.9633	50.0
Chrysene	1.353	1.262	0.200	-6.7492	50.0
Bis(2-ethylhexyl)phthalate	0.910	0.938	0.200	3.1098	50.0
Di-n-octyl phthalate	1.288	1.554	0.010	20.6464	50.0
Benzo (b) fluoranthene	1.243	1.234	0.200	-0.7262	50.0
Benzo (k) fluoranthene	1.234	1.215	0.200	-1.6042	50.0
Benzo (a) pyrene	1.178	1.091	0.200	-7.4002	50.0
Indeno (1,2,3-cd) pyrene	1.462	1.185	0.200	-18.9686	50.0
Dibenzo (a,h) anthracene	1.198	0.958	0.200	-20.0057	50.0
Benzo (g,h,i) perylene	1.124	0.872	0.200	-22.4138	50.0
2,3,4,6-Tetrachlorophenol	0.322	0.346	0.040	7.7137	50.0
1,4-Dioxane-d8	0.490	0.430	0.010	-12.292	50.0
Pyridine-d5	1.488	1.354	0.010	-9.0082	50.0
Phenol-d5	1.834	1.799	0.010	-1.9518	50.0
Bis- (2-Chloroethyl) ether-d8	1.176	1.085	0.050	-7.7533	50.0
2-Chlorophenol-d4	1.383	1.413	0.200	2.1744	50.0
4-Methylphenol-d8	1.517	1.512	0.010	-0.3119	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BN081424 SAS No.: BN081424 SDG No.: BN081424
 Instrument ID: BNA_N Calibration Date/Time: 8/14/2024 17:55
 Lab File ID: BN033386.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020309 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.152	0.154	0.050	1.2017	50.0
2-Nitrophenol-d4	0.134	0.153	0.050	14.3203	50.0
2,4-Dichlorophenol-d3	0.298	0.314	0.060	5.2738	50.0
4-Chloroaniline-d4	0.497	0.464	0.010	-6.7275	50.0
Dimethylphthalate-d6	1.522	1.399	0.300	-8.0521	50.0
Acenaphthylene-d8	1.704	1.645	0.400	-3.441	50.0
4-Nitrophenol-d4	0.294	0.287	0.010	-2.2985	50.0
Fluorene-d10	1.305	1.220	0.100	-6.5119	50.0
4,6-Dinitro-2-methylphenol-d2	0.094	0.086	0.010	-8.6417	50.0
Anthracene-d10	0.948	0.906	0.300	-4.4126	50.0
Pyrene-d10	1.104	1.074	0.300	-2.7792	50.0
Benzo(a)pyrene-d12	1.040	0.984	0.010	-5.3296	50.0

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.: BN081424 SAS No.: BN081424 SDG No.: BN081424

Instrument ID: BNA_N Calibration Date/Time: 8/13/2024 1: 20:48

Lab File ID: BN033372.D Init. Calib. Date(s): _____

EPA Sample No.: SICV216 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
1,4-Dioxane	0.514	0.450	0.010	-12.454	40.0
Benzaldehyde	0.953	1.071	0.010	12.3395	40.0
Pyridine	1.529	1.296	0.010	-15.2442	40.0
Phenol	1.928	1.798	0.080	-6.7294	20.0
Bis(2-Chloroethyl)ether	1.535	1.447	0.100	-5.7601	20.0
2-Chlorophenol	1.443	1.381	0.200	-4.2812	20.0
2-Methylphenol	1.458	1.384	0.010	-5.0974	20.0
2,2-oxybis(1-Chloropropane)	2.492	2.345	0.010	-5.9069	40.0
Acetophenone	2.464	2.513	0.060	2.0151	20.0
4-Methylphenol	1.632	1.604	0.010	-1.7517	20.0
N-Nitroso-di-n-propylamine	1.259	1.298	0.050	3.0756	30.0
Hexachloroethane	0.603	0.565	0.100	-6.3097	20.0
Nitrobenzene	0.383	0.365	0.050	-4.6141	25.0
Isophorone	0.777	0.763	0.050	-1.7089	25.0
2-Nitrophenol	0.156	0.164	0.050	4.8101	25.0
2,4-Dimethylphenol	0.370	0.318	0.050	-14.1055	25.0
Bis(2-Chloroethoxy)methane	0.481	0.458	0.050	-4.8783	20.0
2,4-Dichlorophenol	0.309	0.303	0.060	-1.9052	20.0
Naphthalene	1.115	1.046	0.200	-6.2314	20.0
4-Chloroaniline	0.487	0.479	0.010	-1.5847	40.0
Hexachlorobutadiene	0.193	0.182	0.040	-5.6637	30.0
Caprolactam	0.123	0.133	0.010	8.083	40.0
4-Chloro-3-methylphenol	0.355	0.368	0.040	3.6871	25.0
1-Methylnaphthalene	0.793	0.735	0.100	-7.3588	20.0
2-Methylnaphthalene	0.785	0.778	0.100	-0.8843	20.0
Hexachlorocyclopentadiene	0.317	0.276	0.010	-13.168	40.0
2,4,6-Trichlorophenol	0.351	0.352	0.090	0.1513	25.0
2,4,5-Trichlorophenol	0.396	0.396	0.100	0.0125	25.0
1,1-Biphenyl	1.508	1.417	0.200	-6.0803	20.0
2-Chloronaphthalene	1.169	1.081	0.300	-7.5747	20.0
2-Nitroaniline	0.336	0.349	0.050	3.7597	40.0
Dimethylphthalate	1.528	1.488	0.300	-2.5862	20.0
2,6-Dinitrotoluene	0.278	0.313	0.080	12.6127	30.0
Acenaphthylene	1.861	1.813	0.400	-2.5695	20.0
3-Nitroaniline	0.314	0.361	0.010	14.8553	40.0
Acenaphthene	1.315	1.235	0.200	-6.0733	20.0
2,4-Dinitrophenol	0.137	0.130	0.010	-5.5656	40.0
4-Nitrophenol	0.230	0.223	0.010	-3.2914	40.0
Dibenzofuran	1.836	1.743	0.300	-5.0852	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN081424 SAS No.: BN081424 SDG No.: BN081424

Instrument ID: BNA_N Calibration Date/Time: 8/13/2024 1: 20:48

Lab File ID: BN033372.D Init. Calib. Date(s): _____

EPA Sample No.: SICV216 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.417	0.442	0.070	5.9221	30.0
Diethylphthalate	1.594	1.564	0.300	-1.9124	20.0
Fluorene	1.511	1.427	0.200	-5.5476	20.0
4-Chlorophenyl-phenylether	0.725	0.684	0.100	-5.7138	20.0
4-Nitroaniline	0.324	0.384	0.010	18.6579	40.0
4,6-Dinitro-2-methylphenol	0.106	0.103	0.010	-3.5297	40.0
N-Nitrosodiphenylamine	0.601	0.566	0.050	-5.9296	20.0
1,2,4,5-Tetrachlorobenzene	0.573	0.527	0.100	-8.0526	20.0
4-Bromophenyl-phenylether	0.204	0.194	0.070	-4.8219	20.0
Hexachlorobenzene	0.234	0.222	0.050	-5.0137	25.0
Atrazine	0.224	0.207	0.010	-7.7143	25.0
Pentachlorophenol	0.147	0.141	0.010	-4.2717	40.0
Phenanthrene	1.118	1.042	0.200	-6.7967	20.0
Pentachlorobenzene	0.278	0.245	0.050	-11.8082	20.0
Anthracene	1.139	1.064	0.200	-6.5679	20.0
1,2,3,4-Tetrachlorobenzene	0.270	0.233	0.050	-13.6587	20.0
Carbazole	1.050	1.014	0.050	-3.4582	40.0
Di-n-butylphthalate	1.312	1.275	0.500	-2.8241	25.0
Fluoranthene	1.291	1.241	0.400	-3.8748	25.0
Pyrene	1.400	1.347	0.400	-3.7753	25.0
Butylbenzylphthalate	0.561	0.600	0.100	6.9753	40.0
3,3-Dichlorobenzidine	0.456	0.509	0.010	11.6469	40.0
Benzo (a) anthracene	1.439	1.361	0.300	-5.4579	30.0
Chrysene	1.353	1.279	0.200	-5.5105	30.0
Bis(2-ethylhexyl)phthalate	0.910	0.950	0.200	4.4234	40.0
Di-n-octyl phthalate	1.288	1.342	0.010	4.171	40.0
Benzo (b) fluoranthene	1.243	1.177	0.200	-5.3171	25.0
Benzo (k) fluoranthene	1.234	1.160	0.200	-6.0067	25.0
Benzo (a) pyrene	1.178	1.158	0.200	-1.7406	20.0
Indeno (1,2,3-cd) pyrene	1.462	1.419	0.200	-2.9371	25.0
Dibenzo (a,h) anthracene	1.198	1.175	0.200	-1.9093	30.0
Benzo (g,h,i) perylene	1.124	1.062	0.200	-5.4851	30.0
2,3,4,6-Tetrachlorophenol	0.322	0.365	0.040	13.5598	20.0
1,4-Dioxane-d8	0.490	0.414	0.010	-15.5026	25.0
Pyridine-d5	1.488	1.372	0.010	-7.7358	40.0
Phenol-d5	1.834	1.757	0.010	-4.2241	25.0
Bis- (2-Chloroethyl) ether-d8	1.176	1.235	0.050	4.9682	25.0
2-Chlorophenol-d4	1.383	1.382	0.200	-0.0911	20.0
4-Methylphenol-d8	1.517	1.531	0.010	0.9472	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN081424 SAS No.: BN081424 SDG No.: BN081424

Instrument ID: BNA_N Calibration Date/Time: 8/13/2024 1:20:48

Lab File ID: BN033372.D Init. Calib. Date(s): _____

EPA Sample No.: SICV216 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.152	0.154	0.050	1.4674	20.0
2-Nitrophenol-d4	0.134	0.148	0.050	10.5074	30.0
2,4-Dichlorophenol-d3	0.298	0.318	0.060	6.6253	20.0
4-Chloroaniline-d4	0.497	0.488	0.010	-1.8955	40.0
Dimethylphthalate-d6	1.522	1.532	0.300	0.6407	20.0
Acenaphthylene-d8	1.704	1.700	0.400	-0.2625	20.0
4-Nitrophenol-d4	0.294	0.307	0.010	4.4004	40.0
Fluorene-d10	1.305	1.284	0.100	-1.668	20.0
4,6-Dinitro-2-methylphenol-d2	0.094	0.092	0.010	-2.834	40.0
Anthracene-d10	0.948	0.909	0.300	-4.0984	20.0
Pyrene-d10	1.104	1.101	0.300	-0.3102	25.0
Benzo(a)pyrene-d12	1.040	1.031	0.010	-0.8872	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	SBLK679	SDG No.:	BN081424
Lab Sample ID:	PB162679BL	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
BN033375.D	1	8/12/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162679

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:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	SBLK679	SDG No.:	BN081424
Lab Sample ID:	PB162679BL	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
BN033375.D	1	8/12/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162679

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:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	SBLK679	SDG No.:	BN081424
Lab Sample ID:	PB162679BL	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
BN033375.D	1	8/12/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162679

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	5.401		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	25.32		20-120		63	SPK: -40
4165-62-2	Phenol-d5	25.522		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.476		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.166		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	25.424		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	29.238		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.649		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.73		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.866		1-145		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.027		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	27.83		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.428		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	28.74		20-140		72	SPK: -40

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	SBLK679	SDG No.:	BN081424
Lab Sample ID:	PB162679BL	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
BN033375.D	1	8/12/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.958		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	29.009		10-150		73	SPK: -40
1718-52-1	Pyrene-d10	29.663		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.686		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	282298	7.569				
1146-65-2	Naphthalene-d8	1279629	10.334				
15067-26-2	Acenaphthene-d10	889563	14.21				
1517-22-2	Phenanthrene-d10	1968788	16.957				
1719-03-5	Chrysene-d12	1991451	21.192				
1520-96-3	Perylene-d12	2396288	24.027				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	SBLK636	SDG No.:	BN081424
Lab Sample ID:	PB162636BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033376.D	1	8/9/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162636

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

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	SBLK636	SDG No.:	BN081424
Lab Sample ID:	PB162636BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033376.D	1	8/9/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162636

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

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	SBLK636	SDG No.:	BN081424
Lab Sample ID:	PB162636BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033376.D	1	8/9/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.819		15-120		73	SPK: -8
7291-22-7	Pyridine-d5	27.03		20-120		68	SPK: -40
4165-62-2	Phenol-d5	26.181		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.658		25-120		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.218		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	25.574		25-125		64	SPK: -40
4165-60-0	Nitrobenzene-d5	29.029		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.385		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.002		20-120		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.499		1-146		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.321		25-130		73	SPK: -40
93951-97-4	Acenaphthylene-d8	28.372		10-130		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.408		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	28.372		25-125		71	SPK: -40

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	SBLK636	SDG No.:	BN081424
Lab Sample ID:	PB162636BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033376.D	1	8/9/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.978		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	30.003		25-130		75	SPK: -40
1718-52-1	Pyrene-d10	30.197		15-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.993		20-130		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	253902	7.569				
1146-65-2	Naphthalene-d8	1130795	10.334				
15067-26-2	Acenaphthene-d10	797376	14.21				
1517-22-2	Phenanthrene-d10	1730863	16.957				
1719-03-5	Chrysene-d12	1766146	21.192				
1520-96-3	Perylene-d12	2123546	24.021				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXS8	SDG No.:	BN081424
Lab Sample ID:	P3502-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2	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
BN033377.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

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	330	ug/Kg
110-86-1	Pyridine	12	U	12	160	330	ug/Kg
108-95-2	Phenol	2500		45	82	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	5100		35	82	330	ug/Kg
95-57-8	2-Chlorophenol	1000		22	42.2	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	29	U	29	82	330	ug/Kg
98-86-2	Acetophenone	59	U	59	82	330	ug/Kg
106-44-5	4-Methylphenol	41	U	41	82	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	3000	E	37	42.2	170	ug/Kg
67-72-1	Hexachloroethane	16	U	16	42.2	170	ug/Kg
98-95-3	Nitrobenzene	1100		27	42.2	170	ug/Kg
78-59-1	Isophorone	36	U	36	42.2	170	ug/Kg
88-75-5	2-Nitrophenol	3400	E	30	42.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	8.4	U	8.4	42.2	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	4400	E	31	42.2	170	ug/Kg
120-83-2	2,4-Dichlorophenol	4100	E	34	42.2	170	ug/Kg
91-20-3	Naphthalene	5000	E	33	42.2	170	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	42.2	330	ug/Kg
87-68-3	Hexachlorobutadiene	26	U	26	42.2	170	ug/Kg
105-60-2	Caprolactam	40	U	40	82	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	5100	E	36	42.2	170	ug/Kg
90-12-0	1-Methylnaphthalene	19	U	19	42.2	170	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	42.2	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	19	U	19	82	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4600	E	50	42.2	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4500	E	49	42.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXS8	SDG No.:	BN081424
Lab Sample ID:	P3502-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033377.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	46	U	46	42.2	170	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	42.2	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.2	170	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	42.2	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	4300	E	26	42.2	170	ug/Kg
208-96-8	Acenaphthylene	4700	E	46	42.2	170	ug/Kg
99-09-2	3-Nitroaniline	14	U	14	82	330	ug/Kg
83-32-9	Acenaphthene	3600	E	50	42.2	170	ug/Kg
51-28-5	2,4-Dinitrophenol	32	U	32	82	330	ug/Kg
100-02-7	4-Nitrophenol	5800	E	11	82	330	ug/Kg
132-64-9	Dibenzofuran	2800	E	40	42.2	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	13	U	13	42.2	170	ug/Kg
84-66-2	Diethylphthalate	4800	E	41	42.2	170	ug/Kg
86-73-7	Fluorene	2500		58	42.2	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4900	E	48	42.2	170	ug/Kg
100-01-6	4-Nitroaniline	16	U	16	82	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	39	U	39	82	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	42.2	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	42.2	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	98	U	98	42.2	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.2	170	ug/Kg
1912-24-9	Atrazine	11	U	11	82	330	ug/Kg
87-86-5	Pentachlorophenol	5100		38	82	330	ug/Kg
85-01-8	Phenanthrene	53	U	53	42.2	170	ug/Kg
608-93-5	Pentachlorobenzene	36	U	36	42.2	170	ug/Kg
120-12-7	Anthracene	4000	E	47	42.2	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	5.6	U	5.6	42.2	170	ug/Kg
86-74-8	Carbazole	61	U	61	82	330	ug/Kg
84-74-2	Di-n-butylphthalate	2200		57	42.2	170	ug/Kg
206-44-0	Fluoranthene	3600	E	45	82	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXS8	SDG No.:	BN081424
Lab Sample ID:	P3502-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033377.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3800	E	46	42.2	170	ug/Kg
85-68-7	Butylbenzylphthalate	6300	E	43	42.2	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	82	330	ug/Kg
56-55-3	Benzo(a)anthracene	2800	E	39	42.2	170	ug/Kg
218-01-9	Chrysene	4300	E	46	42.2	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4400	E	43	42.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	82	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	42.2	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	2600		58	42.2	170	ug/Kg
50-32-8	Benzo(a)pyrene	1400		57	42.2	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3400	E	45	42.2	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		52	42.2	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4100	E	46	42.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	42.2	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.795		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	0.353	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	24.553		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.54		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.752		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	25.705		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	26.291		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.565		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.719		10-140		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.015		1-145		18	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.507		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	28.501		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.508		10-150		71	SPK: -40
81103-79-9	Fluorene-d10	29.972		20-140		75	SPK: -40

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXS8	SDG No.:	BN081424
Lab Sample ID:	P3502-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033377.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.976		10-130		62	SPK: -40
1719-06-8	Anthracene-d10	29.969		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	32.812		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.047		10-140		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	316348	7.569				
1146-65-2	Naphthalene-d8	1481313	10.34				
15067-26-2	Acenaphthene-d10	1013660	14.21				
1517-22-2	Phenanthrene-d10	2292530	16.963				
1719-03-5	Chrysene-d12	2211285	21.21				
1520-96-3	Perylene-d12	2687709	24.033				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	84	J			3.411	
000095-50-1	Benzene, 1,2-dichloro-	4400	J			7.463	
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.087	
000112-39-0	Hexadecanoic acid, methyl ester	130	J			17.675	
000057-10-3	n-Hexadecanoic acid	600	J			17.91	
000111-82-0	Dodecanoic acid, methyl ester	84	J			18.257	
000084-65-1	9,10-Anthracenedione	470	J			18.381	
	(DEL) Alkane: Cyclic18.763	91	J			18.763	
1000143-61-3	N-(4-Methoxyphenyl)-2-hydroxyimino	89	J			18.822	
001937-63-9	11-Octadecenoic acid, methyl ester	140	J			18.857	
	(DEL) Alkane: Straight-Chain20.927	69	J			20.927	
	(DEL) Alkane: Straight-Chain23.327	120	J			23.327	
000661-19-8	Behenic alcohol	140	J			23.363	
000213-46-7	Picene	200	J			25.157	
002004-39-9	1-Heptacosanol	300	J			25.245	
000083-47-6	.gamma.-Sitosterol	200	J			28.674	
E966796	Total Alkanes	280				99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXS8	SDG No.:	BN081424
Lab Sample ID:	P3502-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033377.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	-----	------------	-------

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXS8DL	SDG No.:	BN081424
Lab Sample ID:	P3502-09DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033378.D	5	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	60	U	60	32.8	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	2500	D	220	410	1600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	5300	D	170	410	1600	ug/Kg
95-57-8	2-Chlorophenol	980	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	3000	D	180	210	840	ug/Kg
67-72-1	Hexachloroethane	79	U	79	210	840	ug/Kg
98-95-3	Nitrobenzene	1100	D	130	210	840	ug/Kg
78-59-1	Isophorone	180	U	180	210	840	ug/Kg
88-75-5	2-Nitrophenol	3000	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	4700	D	150	210	840	ug/Kg
120-83-2	2,4-Dichlorophenol	4200	D	170	210	840	ug/Kg
91-20-3	Naphthalene	5500	D	160	210	840	ug/Kg
106-47-8	4-Chloroaniline	220	U	220	210	1600	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	210	840	ug/Kg
105-60-2	Caprolactam	200	U	200	410	1600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	5300	D	180	210	840	ug/Kg
90-12-0	1-Methylnaphthalene	94	U	94	210	840	ug/Kg
91-57-6	2-Methylnaphthalene	180	U	180	210	840	ug/Kg
77-47-4	Hexachlorocyclopentadiene	94	U	94	410	1600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4500	D	250	210	840	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4700	D	240	210	840	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXS8DL	SDG No.:	BN081424
Lab Sample ID:	P3502-09DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033378.D	5	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

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	4000	D	130	210	840	ug/Kg
208-96-8	Acenaphthylene	5200	D	230	210	840	ug/Kg
99-09-2	3-Nitroaniline	70	U	70	410	1600	ug/Kg
83-32-9	Acenaphthene	3900	D	250	210	840	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	410	1600	ug/Kg
100-02-7	4-Nitrophenol	5500	D	55	410	1600	ug/Kg
132-64-9	Dibenzofuran	3100	D	200	210	840	ug/Kg
121-14-2	2,4-Dinitrotoluene	65	U	65	210	840	ug/Kg
84-66-2	Diethylphthalate	5400	D	200	210	840	ug/Kg
86-73-7	Fluorene	2800	D	290	210	840	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	5500	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	490	U	490	210	840	ug/Kg
118-74-1	Hexachlorobenzene	250	U	250	210	840	ug/Kg
1912-24-9	Atrazine	55	U	55	410	1600	ug/Kg
87-86-5	Pentachlorophenol	4900	D	190	410	1600	ug/Kg
85-01-8	Phenanthrene	260	U	260	210	840	ug/Kg
608-93-5	Pentachlorobenzene	180	U	180	210	840	ug/Kg
120-12-7	Anthracene	5300	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	2400	D	280	210	840	ug/Kg
206-44-0	Fluoranthene	4600	D	220	410	840	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXS8DL	SDG No.:	BN081424
Lab Sample ID:	P3502-09DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033378.D	5	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	5400	D	230	210	840	ug/Kg
85-68-7	Butylbenzylphthalate	7300	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	3000	D	190	210	840	ug/Kg
218-01-9	Chrysene	6100	D	230	210	840	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	6100	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	240	U	240	210	840	ug/Kg
207-08-9	Benzo(k)fluoranthene	2700	D	290	210	840	ug/Kg
50-32-8	Benzo(a)pyrene	1400	D	280	210	840	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3600	D	220	210	840	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000	D	260	210	840	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4400	D	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	4.05		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	23.38		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.8		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.19		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	24.595		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	24.32		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.79		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.185		10-140		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.585		1-145		21	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.91		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	27.935		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.7		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	30.425		20-140		76	SPK: -40

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXS8DL	SDG No.:	BN081424
Lab Sample ID:	P3502-09DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033378.D	5	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.765		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	30.27		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	32.075		10-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.38		10-140		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	216270	7.569				
1146-65-2	Naphthalene-d8	1012298	10.334				
15067-26-2	Acenaphthene-d10	713839	14.21				
1517-22-2	Phenanthrene-d10	1593324	16.957				
1719-03-5	Chrysene-d12	1578372	21.198				
1520-96-3	Perylene-d12	1922717	24.027				
TENTATIVE IDENTIFIED COMPOUNDS							
000106-46-7	Benzene, 1,4-dichloro-	4300	JD			7.458	
000057-10-3	n-Hexadecanoic acid	390	JD			17.892	
000084-65-1	9,10-Anthracenedione	430	JD			18.375	
E966796	Total Alkanes	230	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	C0B39	SDG No.:	BN081424
Lab Sample ID:	P3540-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			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
BN033379.D	1	8/9/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162636

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

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	C0B39	SDG No.:	BN081424
Lab Sample ID:	P3540-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		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
BN033379.D	1	8/9/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162636

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

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	C0B39	SDG No.:	BN081424
Lab Sample ID:	P3540-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033379.D	1	8/9/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.459		15-120		81	SPK: -8
7291-22-7	Pyridine-d5	4.253	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	8.878		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.778		25-120		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.829		20-130		72	SPK: -40
190780-66-6	4-Methylphenol-d8	20.067		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	32.088		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.616		20-130		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.646		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.604		1-146		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.91		25-130		82	SPK: -40
93951-97-4	Acenaphthylene-d8	31.972		10-130		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.904		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	32.964		25-125		82	SPK: -40

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	C0B39	SDG No.:	BN081424
Lab Sample ID:	P3540-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033379.D	1	8/9/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.584		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	33.782		25-130		84	SPK: -40
1718-52-1	Pyrene-d10	35.486		15-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.962		20-130		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	244130	7.569				
1146-65-2	Naphthalene-d8	1134436	10.334				
15067-26-2	Acenaphthene-d10	808104	14.21				
1517-22-2	Phenanthrene-d10	1760034	16.957				
1719-03-5	Chrysene-d12	1756447	21.192				
1520-96-3	Perylene-d12	1990566	24.027				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-38-3	Benzene, 1,3-dimethyl-	2.4	J			5.622	
000057-10-3	n-Hexadecanoic acid	2.1	J			17.892	
000057-11-4	Octadecanoic acid	2.3	J			19.186	
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	C0B42	SDG No.:	BN081424
Lab Sample ID:	P3540-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			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
BN033380.D	1	8/9/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162636

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

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	C0B42	SDG No.:	BN081424
Lab Sample ID:	P3540-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033380.D	1	8/9/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162636

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

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	C0B42	SDG No.:	BN081424
Lab Sample ID:	P3540-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033380.D	1	8/9/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.339		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	3.994	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	7.235		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.877		25-120		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.54		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	18.532		25-125		46	SPK: -40
4165-60-0	Nitrobenzene-d5	33.357		20-125		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.871		20-130		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.449		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.871		1-146		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.421		25-130		91	SPK: -40
93951-97-4	Acenaphthylene-d8	34.785		10-130		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.274		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	36.077		25-125		90	SPK: -40

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	C0B42	SDG No.:	BN081424
Lab Sample ID:	P3540-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033380.D	1	8/9/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.752		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	38.471		25-130		96	SPK: -40
1718-52-1	Pyrene-d10	38.751		15-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.896		20-130		97	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	177943	7.569				
1146-65-2	Naphthalene-d8	829762	10.334				
15067-26-2	Acenaphthene-d10	590731	14.204				
1517-22-2	Phenanthrene-d10	1310448	16.957				
1719-03-5	Chrysene-d12	1338223	21.192				
1520-96-3	Perylene-d12	1558335	24.021				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain	26.327	2.3	J		26.327	
E966796	Total Alkanes		2.3			99	ug/L

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXU5	SDG No.:	BN081424
Lab Sample ID:	P3502-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033381.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.1	72	ug/Kg
100-52-7	Benzaldehyde	52	U	52	88.8	360	ug/Kg
110-86-1	Pyridine	13	U	13	180	360	ug/Kg
108-95-2	Phenol	48	U	48	88.8	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	88.8	360	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	45.7	180	ug/Kg
95-48-7	2-Methylphenol	42	U	42	88.8	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	88.8	360	ug/Kg
98-86-2	Acetophenone	64	U	64	88.8	360	ug/Kg
106-44-5	4-Methylphenol	44	U	44	88.8	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	40	U	40	45.7	180	ug/Kg
67-72-1	Hexachloroethane	17	U	17	45.7	180	ug/Kg
98-95-3	Nitrobenzene	29	U	29	45.7	180	ug/Kg
78-59-1	Isophorone	39	U	39	45.7	180	ug/Kg
88-75-5	2-Nitrophenol	32	U	32	45.7	180	ug/Kg
105-67-9	2,4-Dimethylphenol	9.1	U	9.1	45.7	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	33	U	33	45.7	180	ug/Kg
120-83-2	2,4-Dichlorophenol	37	U	37	45.7	180	ug/Kg
91-20-3	Naphthalene	36	U	36	45.7	180	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	45.7	360	ug/Kg
87-68-3	Hexachlorobutadiene	28	U	28	45.7	180	ug/Kg
105-60-2	Caprolactam	43	U	43	88.8	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	39	U	39	45.7	180	ug/Kg
90-12-0	1-Methylnaphthalene	20	U	20	45.7	180	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	45.7	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	20	U	20	88.8	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	45.7	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	45.7	180	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXU5	SDG No.:	BN081424
Lab Sample ID:	P3502-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033381.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	50	U	50	45.7	180	ug/Kg
91-58-7	2-Chloronaphthalene	47	U	47	45.7	180	ug/Kg
88-74-4	2-Nitroaniline	24	U	24	45.7	180	ug/Kg
131-11-3	Dimethylphthalate	41	U	41	45.7	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	28	U	28	45.7	180	ug/Kg
208-96-8	Acenaphthylene	50	U	50	45.7	180	ug/Kg
99-09-2	3-Nitroaniline	15	U	15	88.8	360	ug/Kg
83-32-9	Acenaphthene	54	U	54	45.7	180	ug/Kg
51-28-5	2,4-Dinitrophenol	34	U	34	88.8	360	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	88.8	360	ug/Kg
132-64-9	Dibenzofuran	43	U	43	45.7	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	14	U	14	45.7	180	ug/Kg
84-66-2	Diethylphthalate	44	U	44	45.7	180	ug/Kg
86-73-7	Fluorene	62	U	62	45.7	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	52	U	52	45.7	180	ug/Kg
100-01-6	4-Nitroaniline	17	U	17	88.8	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	88.8	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	48	U	48	45.7	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	48	U	48	45.7	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	45.7	180	ug/Kg
118-74-1	Hexachlorobenzene	54	U	54	45.7	180	ug/Kg
1912-24-9	Atrazine	12	U	12	88.8	360	ug/Kg
87-86-5	Pentachlorophenol	290	J	41	88.8	360	ug/Kg
85-01-8	Phenanthrene	57	U	57	45.7	180	ug/Kg
608-93-5	Pentachlorobenzene	39	U	39	45.7	180	ug/Kg
120-12-7	Anthracene	51	U	51	45.7	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6	U	6	45.7	180	ug/Kg
86-74-8	Carbazole	66	U	66	88.8	360	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	45.7	180	ug/Kg
206-44-0	Fluoranthene	48	U	48	88.8	180	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXU5	SDG No.:	BN081424
Lab Sample ID:	P3502-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033381.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	50	U	50	45.7	180	ug/Kg
85-68-7	Butylbenzylphthalate	46	U	46	45.7	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	88.8	360	ug/Kg
56-55-3	Benzo(a)anthracene	42	U	42	45.7	180	ug/Kg
218-01-9	Chrysene	50	U	50	45.7	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	46	U	46	45.7	180	ug/Kg
117-84-0	Di-n-octyl phthalate	46	U	46	88.8	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	52	U	52	45.7	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	62	U	62	45.7	180	ug/Kg
50-32-8	Benzo(a)pyrene	61	U	61	45.7	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48	U	48	45.7	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56	U	56	45.7	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50	U	50	45.7	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	270		56	45.7	180	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	0.58	*	20-120		1	SPK: -40
17647-74-4	1,4-Dioxane-d8	2.627		15-120		33	SPK: -8
4165-62-2	Phenol-d5	16.217		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.685		10-150		39	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.429		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	12.853		10-140		32	SPK: -40
4165-60-0	Nitrobenzene-d5	16.377		10-135		41	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.924		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.049		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.713		1-145		19	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.393		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	17.614		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.131		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	17.44		20-140		44	SPK: -40

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXU5	SDG No.:	BN081424
Lab Sample ID:	P3502-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033381.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.498		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	17.264		10-150		43	SPK: -40
1718-52-1	Pyrene-d10	18.256		10-130		46	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.655		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	283098	7.569				
1146-65-2	Naphthalene-d8	1305351	10.334				
15067-26-2	Acenaphthene-d10	877301	14.21				
1517-22-2	Phenanthrene-d10	1884523	16.957				
1719-03-5	Chrysene-d12	1922273	21.192				
1520-96-3	Perylene-d12	2112939	24.021				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	82	J			3.405	
000770-35-4	1-Phenoxypropan-2-ol	97	J			11.081	
000087-44-5	Caryophyllene	97	J			13.545	
000057-10-3	n-Hexadecanoic acid	250	J			17.892	
002027-47-6	9-Octadecenoic acid	100	J			19.063	
000057-11-4	Octadecanoic acid	180	J			19.186	
000122-69-0	Cinnamyl cinnamate	620	J			20.739	
001740-19-8	Dehydroabietic acid	140	J			20.874	
	(DEL) Alkane: Straight-Chain	20.927	J			20.927	
074339-54-1	Trichloroacetic acid, hexadecyl es	590	J			22.004	
	(DEL) Alkane: Straight-Chain	23.321	J			23.321	
	(DEL) Alkane: Straight-Chain	25.151	J			25.151	
031849-26-0	Triacontan-15-ol	170	J			25.239	
000469-38-5	9,19-Cyclolanost-24-en-3-ol, (3.be	610	J			27.692	
000083-47-6	.gamma.-Sitosterol	290	J			28.668	
E966796	Total Alkanes	1100				99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXU6	SDG No.:	BN081424
Lab Sample ID:	P3502-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033382.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.3	74	ug/Kg
100-52-7	Benzaldehyde	53	U	53	91.3	370	ug/Kg
110-86-1	Pyridine	13	U	13	180	370	ug/Kg
108-95-2	Phenol	50	U	50	91.3	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	91.3	370	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	47	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	91.3	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	91.3	370	ug/Kg
98-86-2	Acetophenone	65	U	65	91.3	370	ug/Kg
106-44-5	4-Methylphenol	45	U	45	91.3	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	41	U	41	47	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	47	190	ug/Kg
98-95-3	Nitrobenzene	30	U	30	47	190	ug/Kg
78-59-1	Isophorone	40	U	40	47	190	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	47	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.4	U	9.4	47	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	34	U	34	47	190	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	47	190	ug/Kg
91-20-3	Naphthalene	37	U	37	47	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	47	370	ug/Kg
87-68-3	Hexachlorobutadiene	29	U	29	47	190	ug/Kg
105-60-2	Caprolactam	44	U	44	91.3	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	40	U	40	47	190	ug/Kg
90-12-0	1-Methylnaphthalene	21	U	21	47	190	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	47	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	21	U	21	91.3	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	47	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	54	47	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXU6	SDG No.:	BN081424
Lab Sample ID:	P3502-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033382.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	51	U	51	47	190	ug/Kg
91-58-7	2-Chloronaphthalene	49	U	49	47	190	ug/Kg
88-74-4	2-Nitroaniline	24	U	24	47	190	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	47	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	47	190	ug/Kg
208-96-8	Acenaphthylene	51	U	51	47	190	ug/Kg
99-09-2	3-Nitroaniline	15	U	15	91.3	370	ug/Kg
83-32-9	Acenaphthene	55	U	55	47	190	ug/Kg
51-28-5	2,4-Dinitrophenol	35	U	35	91.3	370	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	91.3	370	ug/Kg
132-64-9	Dibenzofuran	44	U	44	47	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	14	U	14	47	190	ug/Kg
84-66-2	Diethylphthalate	45	U	45	47	190	ug/Kg
86-73-7	Fluorene	64	U	64	47	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	47	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	91.3	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	91.3	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	47	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U	50	47	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	47	190	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	47	190	ug/Kg
1912-24-9	Atrazine	12	U	12	91.3	370	ug/Kg
87-86-5	Pentachlorophenol	42	U	42	91.3	370	ug/Kg
85-01-8	Phenanthrene	59	U	59	47	190	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	47	190	ug/Kg
120-12-7	Anthracene	52	U	52	47	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.2	U	6.2	47	190	ug/Kg
86-74-8	Carbazole	67	U	67	91.3	370	ug/Kg
84-74-2	Di-n-butylphthalate	63	U	63	47	190	ug/Kg
206-44-0	Fluoranthene	50	U	50	91.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXU6	SDG No.:	BN081424
Lab Sample ID:	P3502-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033382.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	51	U	51	47	190	ug/Kg
85-68-7	Butylbenzylphthalate	48	U	48	47	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	91.3	370	ug/Kg
56-55-3	Benzo(a)anthracene	43	U	43	47	190	ug/Kg
218-01-9	Chrysene	51	U	51	47	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	48	U	48	47	190	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	91.3	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	53	U	53	47	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	64	U	64	47	190	ug/Kg
50-32-8	Benzo(a)pyrene	63	U	63	47	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50	U	50	47	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58	U	58	47	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	U	51	47	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58	U	58	47	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.163		15-120		27	SPK: -8
7291-22-7	Pyridine-d5	1.692	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	14.118		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.81		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.263		15-120		36	SPK: -40
190780-66-6	4-Methylphenol-d8	11.768		10-140		29	SPK: -40
4165-60-0	Nitrobenzene-d5	13.77		10-135		34	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.046		10-120		40	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.078		10-140		38	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.058		1-145		20	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.402		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	15.214		15-120		38	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.972		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	15.503		20-140		39	SPK: -40

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXU6	SDG No.:	BN081424
Lab Sample ID:	P3502-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033382.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.704		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	15.672		10-150		39	SPK: -40
1718-52-1	Pyrene-d10	17.287		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.416		10-140		41	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	338100	7.569				
1146-65-2	Naphthalene-d8	1574320	10.334				
15067-26-2	Acenaphthene-d10	1061507	14.21				
1517-22-2	Phenanthrene-d10	2273420	16.957				
1719-03-5	Chrysene-d12	2164944	21.192				
1520-96-3	Perylene-d12	2220859	24.027				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	90	J			3.405	
000770-35-4	1-Phenoxypropan-2-ol	99	J			11.081	
000090-24-4	Xanthoxylin	180	J			15.845	
000057-10-3	n-Hexadecanoic acid	360	J			17.898	
	unknown-01	99	J			18.733	
000112-79-8	9-Octadecenoic acid, (E)-	130	J			19.063	
000057-11-4	Octadecanoic acid	160	J			19.186	
015594-90-8	1-Heneicosanol	370	J			20.927	
	(DEL) Alkane: Straight-Chain	21.998	J			21.998	
	(DEL) Alkane: Straight-Chain	22.615	J			22.615	
	(DEL) Alkane: Straight-Chain	23.321	J			23.321	
001454-84-8	n-Nonadecanol-1	310	J			23.362	
	(DEL) Alkane: Straight-Chain	25.145	J			25.145	
000506-51-4	n-Tetracosanol-1	190	J			25.233	
007390-81-0	Oxirane, hexadecyl-	120	J			26.997	
026266-08-0	Tetracosapentaene, 2,6,10,15,19,23	660	J			27.692	
000083-46-5	.beta.-Sitosterol	230	J			28.668	

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXU6	SDG No.:	BN081424
Lab Sample ID:	P3502-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033382.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
025615-11-6	A-Neogammacer-22(29)-en-3-one	470	J			31.374	
E966796	Total Alkanes	1600				99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXV4	SDG No.:	BN081424
Lab Sample ID:	P3502-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.7
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
BN033383.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.3	74	ug/Kg
100-52-7	Benzaldehyde	53	U	53	91.4	370	ug/Kg
110-86-1	Pyridine	13	U	13	180	370	ug/Kg
108-95-2	Phenol	50	U	50	91.4	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	91.4	370	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	47.1	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	91.4	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	91.4	370	ug/Kg
98-86-2	Acetophenone	65	U	65	91.4	370	ug/Kg
106-44-5	4-Methylphenol	45	U	45	91.4	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	41	U	41	47.1	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	47.1	190	ug/Kg
98-95-3	Nitrobenzene	30	U	30	47.1	190	ug/Kg
78-59-1	Isophorone	40	U	40	47.1	190	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	47.1	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.4	U	9.4	47.1	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	34	U	34	47.1	190	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	47.1	190	ug/Kg
91-20-3	Naphthalene	37	U	37	47.1	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	47.1	370	ug/Kg
87-68-3	Hexachlorobutadiene	29	U	29	47.1	190	ug/Kg
105-60-2	Caprolactam	44	U	44	91.4	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	40	U	40	47.1	190	ug/Kg
90-12-0	1-Methylnaphthalene	21	U	21	47.1	190	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	47.1	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	21	U	21	91.4	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	47.1	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	54	47.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXV4	SDG No.:	BN081424
Lab Sample ID:	P3502-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.7
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
BN033383.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	51	U	51	47.1	190	ug/Kg
91-58-7	2-Chloronaphthalene	49	U	49	47.1	190	ug/Kg
88-74-4	2-Nitroaniline	24	U	24	47.1	190	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	47.1	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	47.1	190	ug/Kg
208-96-8	Acenaphthylene	51	U	51	47.1	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	91.4	370	ug/Kg
83-32-9	Acenaphthene	55	U	55	47.1	190	ug/Kg
51-28-5	2,4-Dinitrophenol	35	U	35	91.4	370	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	91.4	370	ug/Kg
132-64-9	Dibenzofuran	44	U	44	47.1	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	14	U	14	47.1	190	ug/Kg
84-66-2	Diethylphthalate	45	U	45	47.1	190	ug/Kg
86-73-7	Fluorene	64	U	64	47.1	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	47.1	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	91.4	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	91.4	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	47.1	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U	50	47.1	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	47.1	190	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	47.1	190	ug/Kg
1912-24-9	Atrazine	12	U	12	91.4	370	ug/Kg
87-86-5	Pentachlorophenol	42	U	42	91.4	370	ug/Kg
85-01-8	Phenanthrene	59	U	59	47.1	190	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	47.1	190	ug/Kg
120-12-7	Anthracene	52	U	52	47.1	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.2	U	6.2	47.1	190	ug/Kg
86-74-8	Carbazole	68	U	68	91.4	370	ug/Kg
84-74-2	Di-n-butylphthalate	63	U	63	47.1	190	ug/Kg
206-44-0	Fluoranthene	50	U	50	91.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXV4	SDG No.:	BN081424
Lab Sample ID:	P3502-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.7
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
BN033383.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	51	U	51	47.1	190	ug/Kg
85-68-7	Butylbenzylphthalate	48	U	48	47.1	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	91.4	370	ug/Kg
56-55-3	Benzo(a)anthracene	43	U	43	47.1	190	ug/Kg
218-01-9	Chrysene	51	U	51	47.1	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	48	U	48	47.1	190	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	91.4	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	53	U	53	47.1	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	64	U	64	47.1	190	ug/Kg
50-32-8	Benzo(a)pyrene	63	U	63	47.1	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50	U	50	47.1	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58	U	58	47.1	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	U	51	47.1	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58	U	58	47.1	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.864		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	21.774		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.822		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.53		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	20.36		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	22.492		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.433		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.248		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.108		1-145		3	SPK: -40
85448-30-2	Dimethylphthalate-d6	23		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	23.447		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.162		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	23.167		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXV4	SDG No.:	BN081424
Lab Sample ID:	P3502-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.7
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
BN033383.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.755		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	22.917		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	24.645		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.75		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	306447	7.569				
1146-65-2	Naphthalene-d8	1413578	10.334				
15067-26-2	Acenaphthene-d10	953355	14.21				
1517-22-2	Phenanthrene-d10	1993029	16.957				
1719-03-5	Chrysene-d12	1913340	21.192				
1520-96-3	Perylene-d12	1936847	24.021				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	140	J			11.081	
000057-10-3	n-Hexadecanoic acid	380	J			17.898	
000057-11-4	Octadecanoic acid	230	J			19.186	
	unknown-01	92	J			19.927	
000122-69-0	Cinnamyl cinnamate	1200	J			20.739	
	(DEL) Alkane: Straight-Chain20.927	900	J			20.927	
000112-85-6	Docosanoic acid	97	J			21.263	
	(DEL) Alkane: Straight-Chain21.439	120	J			21.439	
	(DEL) Alkane: Straight-Chain21.998	1600	J			21.998	
000557-59-5	Tetracosanoic acid	180	J			22.416	
	(DEL) Alkane: Straight-Chain22.627	150	J			22.627	
	(DEL) Alkane: Straight-Chain23.321	560	J			23.321	
015594-90-8	1-Heneicosanol	580	J			23.363	
	(DEL) Alkane: Straight-Chain25.151	500	J			25.151	
000661-19-8	Behenic alcohol	340	J			25.239	
007390-81-0	Oxirane, hexadecyl-	220	J			26.998	
031849-26-0	Triacontan-15-ol	110	J			27.921	

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXV4	SDG No.:	BN081424
Lab Sample ID:	P3502-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.7
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
BN033383.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000083-47-6	.gamma.-Sitosterol	320	J			28.668	
E966796	Total Alkanes	3800				99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXV5	SDG No.:	BN081424
Lab Sample ID:	P3502-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
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
BN033384.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.3	74	ug/Kg
100-52-7	Benzaldehyde	53	U	53	91.6	370	ug/Kg
110-86-1	Pyridine	13	U	13	180	370	ug/Kg
108-95-2	Phenol	50	U	50	91.6	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	91.6	370	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	47.2	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	91.6	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	91.6	370	ug/Kg
98-86-2	Acetophenone	65	U	65	91.6	370	ug/Kg
106-44-5	4-Methylphenol	46	U	46	91.6	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	41	U	41	47.2	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	47.2	190	ug/Kg
98-95-3	Nitrobenzene	30	U	30	47.2	190	ug/Kg
78-59-1	Isophorone	40	U	40	47.2	190	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	47.2	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.4	U	9.4	47.2	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	34	U	34	47.2	190	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	47.2	190	ug/Kg
91-20-3	Naphthalene	37	U	37	47.2	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	47.2	370	ug/Kg
87-68-3	Hexachlorobutadiene	29	U	29	47.2	190	ug/Kg
105-60-2	Caprolactam	44	U	44	91.6	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	40	U	40	47.2	190	ug/Kg
90-12-0	1-Methylnaphthalene	21	U	21	47.2	190	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	47.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	21	U	21	91.6	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	47.2	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	54	47.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXV5	SDG No.:	BN081424
Lab Sample ID:	P3502-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
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
BN033384.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	51	U	51	47.2	190	ug/Kg
91-58-7	2-Chloronaphthalene	49	U	49	47.2	190	ug/Kg
88-74-4	2-Nitroaniline	24	U	24	47.2	190	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	47.2	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	47.2	190	ug/Kg
208-96-8	Acenaphthylene	51	U	51	47.2	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	91.6	370	ug/Kg
83-32-9	Acenaphthene	55	U	55	47.2	190	ug/Kg
51-28-5	2,4-Dinitrophenol	36	U	36	91.6	370	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	91.6	370	ug/Kg
132-64-9	Dibenzofuran	44	U	44	47.2	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	14	U	14	47.2	190	ug/Kg
84-66-2	Diethylphthalate	46	U	46	47.2	190	ug/Kg
86-73-7	Fluorene	64	U	64	47.2	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	47.2	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	91.6	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	91.6	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	47.2	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U	50	47.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	47.2	190	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	47.2	190	ug/Kg
1912-24-9	Atrazine	12	U	12	91.6	370	ug/Kg
87-86-5	Pentachlorophenol	42	U	42	91.6	370	ug/Kg
85-01-8	Phenanthrene	59	U	59	47.2	190	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	47.2	190	ug/Kg
120-12-7	Anthracene	52	U	52	47.2	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.2	U	6.2	47.2	190	ug/Kg
86-74-8	Carbazole	68	U	68	91.6	370	ug/Kg
84-74-2	Di-n-butylphthalate	63	U	63	47.2	190	ug/Kg
206-44-0	Fluoranthene	50	U	50	91.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXV5	SDG No.:	BN081424
Lab Sample ID:	P3502-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
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
BN033384.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	51	U	51	47.2	190	ug/Kg
85-68-7	Butylbenzylphthalate	48	U	48	47.2	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	91.6	370	ug/Kg
56-55-3	Benzo(a)anthracene	43	U	43	47.2	190	ug/Kg
218-01-9	Chrysene	51	U	51	47.2	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	48	U	48	47.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	91.6	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	53	U	53	47.2	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	64	U	64	47.2	190	ug/Kg
50-32-8	Benzo(a)pyrene	63	U	63	47.2	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50	U	50	47.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58	U	58	47.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	U	51	47.2	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58	U	58	47.2	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.745		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	3.069	*	20-120		8	SPK: -40
4165-62-2	Phenol-d5	20.295		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.354		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.537		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	18.847		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	19.96		10-135		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.782		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.934		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.681		1-145		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.903		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	21.269		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.305		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	20.599		20-140		51	SPK: -40

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXV5	SDG No.:	BN081424
Lab Sample ID:	P3502-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
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
BN033384.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.623		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	20.167		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	23.131		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.882		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	320102	7.569				
1146-65-2	Naphthalene-d8	1466494	10.334				
15067-26-2	Acenaphthene-d10	953899	14.21				
1517-22-2	Phenanthrene-d10	1998350	16.957				
1719-03-5	Chrysene-d12	1832317	21.198				
1520-96-3	Perylene-d12	1778348	24.027				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	120	J			3.405	
000080-56-8	.alpha.-Pinene	630	J			6.287	
000770-35-4	1-Phenoxypropan-2-ol	130	J			11.081	
018252-44-3	(1R,2S,6S,7S,8S)-8-Isopropyl-1-met	76	J			13.104	
019435-97-3	1-Naphthalenol, 1,2,3,4,4a,7,8,8a-	170	J			15.71	
000057-10-3	n-Hexadecanoic acid	390	J			17.898	
1000336-71-7	n-Propyl 11-octadecenoate	85	J			19.063	
000057-11-4	Octadecanoic acid	240	J			19.186	
006330-67-2	2-Propenoic acid, 3-phenyl-, 1,7,7	180	J			19.786	
033900-84-4	Myrtenyl isovalerate	150	J			19.933	
001504-74-1	2-Propenal, 3-(2-methoxyphenyl)-	130	J			20.586	
000122-69-0	Cinnamyl cinnamate	2900	J			20.745	
001740-19-8	Dehydroabietic acid	330	J			20.88	
	(DEL) Alkane: Straight-Chain20.927	420	J			20.927	
000112-85-6	Docosanoic acid	120	J			21.269	
1000406-04-8	Pentadecafluorooctanoic acid, octa	110	J			21.439	
	(DEL) Alkane: Straight-Chain22.004	990	J			22.004	

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXV5	SDG No.:	BN081424
Lab Sample ID:	P3502-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
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
BN033384.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000557-59-5	Tetracosanoic acid	120	J			22.416	
	(DEL) Alkane: Cyclic	22.633	J			22.633	
	(DEL) Alkane: Straight-Chain	23.327	J			23.327	
015594-90-8	1-Heneicosanol	390	J			23.363	
	(DEL) Alkane: Straight-Chain	25.151	J			25.151	
002004-39-9	1-Heptacosanol	290	J			25.245	
000083-47-6	.gamma.-Sitosterol	380	J			28.674	
E966796	Total Alkanes	2700				99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AE1	SDG No.:	BN081424
Lab Sample ID:	P3481-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	52.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033385.D	1	8/12/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	25	U	25	13.9	140	ug/Kg
100-52-7	Benzaldehyde	100	U	100	170	700	ug/Kg
110-86-1	Pyridine	25	U	25	350	700	ug/Kg
108-95-2	Phenol	95	U	95	170	700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	74	U	74	170	700	ug/Kg
95-57-8	2-Chlorophenol	46	U	46	89.7	360	ug/Kg
95-48-7	2-Methylphenol	82	U	82	170	700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61	U	61	170	700	ug/Kg
98-86-2	Acetophenone	120	U	120	170	700	ug/Kg
106-44-5	4-Methylphenol	87	U	87	170	700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	78	U	78	89.7	360	ug/Kg
67-72-1	Hexachloroethane	34	U	34	89.7	360	ug/Kg
98-95-3	Nitrobenzene	57	U	57	89.7	360	ug/Kg
78-59-1	Isophorone	76	U	76	89.7	360	ug/Kg
88-75-5	2-Nitrophenol	63	U	63	89.7	360	ug/Kg
105-67-9	2,4-Dimethylphenol	18	U	18	89.7	360	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	65	U	65	89.7	360	ug/Kg
120-83-2	2,4-Dichlorophenol	72	U	72	89.7	360	ug/Kg
91-20-3	Naphthalene	70	U	70	89.7	360	ug/Kg
106-47-8	4-Chloroaniline	93	U	93	89.7	700	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	89.7	360	ug/Kg
105-60-2	Caprolactam	84	U	84	170	700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	76	U	76	89.7	360	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	89.7	360	ug/Kg
91-57-6	2-Methylnaphthalene	78	U	78	89.7	360	ug/Kg
77-47-4	Hexachlorocyclopentadiene	40	U	40	170	700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	89.7	360	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	89.7	360	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AE1	SDG No.:	BN081424
Lab Sample ID:	P3481-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	52.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033385.D	1	8/12/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	97	U	97	89.7	360	ug/Kg
91-58-7	2-Chloronaphthalene	93	U	93	89.7	360	ug/Kg
88-74-4	2-Nitroaniline	46	U	46	89.7	360	ug/Kg
131-11-3	Dimethylphthalate	80	U	80	89.7	360	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	89.7	360	ug/Kg
208-96-8	Acenaphthylene	97	U	97	89.7	360	ug/Kg
99-09-2	3-Nitroaniline	30	U	30	170	700	ug/Kg
83-32-9	Acenaphthene	110	U	110	89.7	360	ug/Kg
51-28-5	2,4-Dinitrophenol	68	U	68	170	700	ug/Kg
100-02-7	4-Nitrophenol	23	U	23	170	700	ug/Kg
132-64-9	Dibenzofuran	84	U	84	89.7	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	27	U	27	89.7	360	ug/Kg
84-66-2	Diethylphthalate	87	U	87	89.7	360	ug/Kg
86-73-7	Fluorene	120	U	120	89.7	360	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	89.7	360	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	170	700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	82	U	82	170	700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	95	U	95	89.7	360	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	95	U	95	89.7	360	ug/Kg
101-55-3	4-Bromophenyl-phenylether	210	U	210	89.7	360	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	89.7	360	ug/Kg
1912-24-9	Atrazine	23	U	23	170	700	ug/Kg
87-86-5	Pentachlorophenol	80	U	80	170	700	ug/Kg
85-01-8	Phenanthrene	110	U	110	89.7	360	ug/Kg
608-93-5	Pentachlorobenzene	76	U	76	89.7	360	ug/Kg
120-12-7	Anthracene	99	U	99	89.7	360	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	12	U	12	89.7	360	ug/Kg
86-74-8	Carbazole	130	U	130	170	700	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	89.7	360	ug/Kg
206-44-0	Fluoranthene	95	U	95	170	360	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AE1	SDG No.:	BN081424
Lab Sample ID:	P3481-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	52.8
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
BN033385.D	1	8/12/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	97	U	97	89.7	360	ug/Kg
85-68-7	Butylbenzylphthalate	91	U	91	89.7	360	ug/Kg
91-94-1	3,3-Dichlorobenzidine	53	U	53	170	700	ug/Kg
56-55-3	Benzo(a)anthracene	82	U	82	89.7	360	ug/Kg
218-01-9	Chrysene	97	U	97	89.7	360	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	89.7	360	ug/Kg
117-84-0	Di-n-octyl phthalate	91	U	91	170	700	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	89.7	360	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	U	120	89.7	360	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	89.7	360	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	95	U	95	89.7	360	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	89.7	360	ug/Kg
191-24-2	Benzo(g,h,i)perylene	97	U	97	89.7	360	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	89.7	360	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.699		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	9.844		20-120		25	SPK: -40
4165-62-2	Phenol-d5	17.257		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.298		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.439		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	18.273		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	17.72		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.173		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.908		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.922		1-145		20	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.832		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	18.336		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.948		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	17.876		20-140		45	SPK: -40

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AE1	SDG No.:	BN081424
Lab Sample ID:	P3481-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	52.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033385.D	1	8/12/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.661		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	19.177		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	19.988		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.675		10-140		49	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	329752	7.569				
1146-65-2	Naphthalene-d8	1562057	10.334				
15067-26-2	Acenaphthene-d10	1061007	14.21				
1517-22-2	Phenanthrene-d10	2240266	16.957				
1719-03-5	Chrysene-d12	2126280	21.192				
1520-96-3	Perylene-d12	2149944	24.027				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	220	J			11.087	
000057-10-3	n-Hexadecanoic acid	250	J			17.892	
015594-90-8	1-Heneicosanol	300	J			20.928	
E966796	Total Alkanes	97	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	SBLK649	SDG No.:	BN081424
Lab Sample ID:	PB162649BL	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
BN033387.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

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:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	SBLK649	SDG No.:	BN081424
Lab Sample ID:	PB162649BL	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
BN033387.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

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:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	SBLK649	SDG No.:	BN081424
Lab Sample ID:	PB162649BL	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
BN033387.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

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	5.272		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	25.436		20-120		64	SPK: -40
4165-62-2	Phenol-d5	29.526		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.553		10-150		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.487		15-120		76	SPK: -40
190780-66-6	4-Methylphenol-d8	29.839		10-140		75	SPK: -40
4165-60-0	Nitrobenzene-d5	30.591		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.825		10-120		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.841		10-140		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.046		1-145		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.346		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	30.196		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.463		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	29.494		20-140		74	SPK: -40

Report of Analysis

Client:		Date Collected:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	SBLK649	SDG No.:	BN081424
Lab Sample ID:	PB162649BL	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
BN033387.D	1	8/10/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.062		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	30.473		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	31.09		10-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.346		10-140		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	281151	7.569				
1146-65-2	Naphthalene-d8	1334114	10.334				
15067-26-2	Acenaphthene-d10	897847	14.21				
1517-22-2	Phenanthrene-d10	1879551	16.957				
1719-03-5	Chrysene-d12	1865999	21.192				
1520-96-3	Perylene-d12	1861686	24.027				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AE2	SDG No.:	BN081424
Lab Sample ID:	P3481-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.1
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
BN033388.D	1	8/12/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	26	U	26	14.3	140	ug/Kg
100-52-7	Benzaldehyde	100	U	100	180	720	ug/Kg
110-86-1	Pyridine	26	U	26	360	720	ug/Kg
108-95-2	Phenol	98	U	98	180	720	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	76	U	76	180	720	ug/Kg
95-57-8	2-Chlorophenol	48	U	48	92.3	370	ug/Kg
95-48-7	2-Methylphenol	85	U	85	180	720	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63	U	63	180	720	ug/Kg
98-86-2	Acetophenone	130	U	130	180	720	ug/Kg
106-44-5	4-Methylphenol	89	U	89	180	720	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	80	U	80	92.3	370	ug/Kg
67-72-1	Hexachloroethane	35	U	35	92.3	370	ug/Kg
98-95-3	Nitrobenzene	59	U	59	92.3	370	ug/Kg
78-59-1	Isophorone	78	U	78	92.3	370	ug/Kg
88-75-5	2-Nitrophenol	65	U	65	92.3	370	ug/Kg
105-67-9	2,4-Dimethylphenol	18	U	18	92.3	370	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	67	U	67	92.3	370	ug/Kg
120-83-2	2,4-Dichlorophenol	74	U	74	92.3	370	ug/Kg
91-20-3	Naphthalene	72	U	72	92.3	370	ug/Kg
106-47-8	4-Chloroaniline	96	U	96	92.3	720	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	92.3	370	ug/Kg
105-60-2	Caprolactam	87	U	87	180	720	ug/Kg
59-50-7	4-Chloro-3-methylphenol	78	U	78	92.3	370	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	92.3	370	ug/Kg
91-57-6	2-Methylnaphthalene	80	U	80	92.3	370	ug/Kg
77-47-4	Hexachlorocyclopentadiene	41	U	41	180	720	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	92.3	370	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	92.3	370	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AE2	SDG No.:	BN081424
Lab Sample ID:	P3481-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033388.D	1	8/12/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	100	U	100	92.3	370	ug/Kg
91-58-7	2-Chloronaphthalene	96	U	96	92.3	370	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	92.3	370	ug/Kg
131-11-3	Dimethylphthalate	83	U	83	92.3	370	ug/Kg
606-20-2	2,6-Dinitrotoluene	56	U	56	92.3	370	ug/Kg
208-96-8	Acenaphthylene	100	U	100	92.3	370	ug/Kg
99-09-2	3-Nitroaniline	30	U	30	180	720	ug/Kg
83-32-9	Acenaphthene	110	U	110	92.3	370	ug/Kg
51-28-5	2,4-Dinitrophenol	69	U	69	180	720	ug/Kg
100-02-7	4-Nitrophenol	24	U	24	180	720	ug/Kg
132-64-9	Dibenzofuran	87	U	87	92.3	370	ug/Kg
121-14-2	2,4-Dinitrotoluene	28	U	28	92.3	370	ug/Kg
84-66-2	Diethylphthalate	89	U	89	92.3	370	ug/Kg
86-73-7	Fluorene	130	U	130	92.3	370	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	92.3	370	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	180	720	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	85	U	85	180	720	ug/Kg
86-30-6	N-Nitrosodiphenylamine	98	U	98	92.3	370	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	98	U	98	92.3	370	ug/Kg
101-55-3	4-Bromophenyl-phenylether	210	U	210	92.3	370	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	92.3	370	ug/Kg
1912-24-9	Atrazine	24	U	24	180	720	ug/Kg
87-86-5	Pentachlorophenol	83	U	83	180	720	ug/Kg
85-01-8	Phenanthrene	120	U	120	92.3	370	ug/Kg
608-93-5	Pentachlorobenzene	78	U	78	92.3	370	ug/Kg
120-12-7	Anthracene	100	U	100	92.3	370	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	12	U	12	92.3	370	ug/Kg
86-74-8	Carbazole	130	U	130	180	720	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	92.3	370	ug/Kg
206-44-0	Fluoranthene	98	U	98	180	370	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AE2	SDG No.:	BN081424
Lab Sample ID:	P3481-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033388.D	1	8/12/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	100	U	100	92.3	370	ug/Kg
85-68-7	Butylbenzylphthalate	93	U	93	92.3	370	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54	U	54	180	720	ug/Kg
56-55-3	Benzo(a)anthracene	85	U	85	92.3	370	ug/Kg
218-01-9	Chrysene	100	U	100	92.3	370	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	93	U	93	92.3	370	ug/Kg
117-84-0	Di-n-octyl phthalate	93	U	93	180	720	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	92.3	370	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	U	130	92.3	370	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	92.3	370	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	98	U	98	92.3	370	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	92.3	370	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	92.3	370	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	92.3	370	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.085		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	14.792		20-120		37	SPK: -40
4165-62-2	Phenol-d5	27.233		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.937		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.507		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	28.805		10-140		72	SPK: -40
4165-60-0	Nitrobenzene-d5	27.525		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.556		10-120		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.626		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.802		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.843		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	28.315		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.432		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	27.843		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AE2	SDG No.:	BN081424
Lab Sample ID:	P3481-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033388.D	1	8/12/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.995		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	29.128		10-150		73	SPK: -40
1718-52-1	Pyrene-d10	30.925		10-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.158		10-140		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	339478	7.569				
1146-65-2	Naphthalene-d8	1604597	10.334				
15067-26-2	Acenaphthene-d10	1083670	14.21				
1517-22-2	Phenanthrene-d10	2270589	16.957				
1719-03-5	Chrysene-d12	2167700	21.192				
1520-96-3	Perylene-d12	2276070	24.021				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	190	J			3.405	
000770-35-4	1-Phenoxypropan-2-ol	330	J			11.081	
000057-10-3	n-Hexadecanoic acid	220	J			17.892	
015594-90-8	1-Heneicosanol	180	J			20.921	
E966796	Total Alkanes	100	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AE3	SDG No.:	BN081424
Lab Sample ID:	P3481-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033389.D	1	8/12/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	16.4	170	ug/Kg
100-52-7	Benzaldehyde	120	U	120	200	820	ug/Kg
110-86-1	Pyridine	30	U	30	410	820	ug/Kg
108-95-2	Phenol	110	U	110	200	820	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	87	U	87	200	820	ug/Kg
95-57-8	2-Chlorophenol	55	U	55	110	420	ug/Kg
95-48-7	2-Methylphenol	97	U	97	200	820	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72	U	72	200	820	ug/Kg
98-86-2	Acetophenone	150	U	150	200	820	ug/Kg
106-44-5	4-Methylphenol	100	U	100	200	820	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	92	U	92	110	420	ug/Kg
67-72-1	Hexachloroethane	40	U	40	110	420	ug/Kg
98-95-3	Nitrobenzene	67	U	67	110	420	ug/Kg
78-59-1	Isophorone	89	U	89	110	420	ug/Kg
88-75-5	2-Nitrophenol	74	U	74	110	420	ug/Kg
105-67-9	2,4-Dimethylphenol	21	U	21	110	420	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	77	U	77	110	420	ug/Kg
120-83-2	2,4-Dichlorophenol	84	U	84	110	420	ug/Kg
91-20-3	Naphthalene	82	U	82	110	420	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	110	820	ug/Kg
87-68-3	Hexachlorobutadiene	64	U	64	110	420	ug/Kg
105-60-2	Caprolactam	99	U	99	200	820	ug/Kg
59-50-7	4-Chloro-3-methylphenol	89	U	89	110	420	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	110	420	ug/Kg
91-57-6	2-Methylnaphthalene	92	U	92	110	420	ug/Kg
77-47-4	Hexachlorocyclopentadiene	47	U	47	200	820	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	110	420	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	110	420	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AE3	SDG No.:	BN081424
Lab Sample ID:	P3481-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033389.D	1	8/12/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	110	U	110	110	420	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	110	420	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	110	420	ug/Kg
131-11-3	Dimethylphthalate	94	U	94	110	420	ug/Kg
606-20-2	2,6-Dinitrotoluene	64	U	64	110	420	ug/Kg
208-96-8	Acenaphthylene	110	U	110	110	420	ug/Kg
99-09-2	3-Nitroaniline	35	U	35	200	820	ug/Kg
83-32-9	Acenaphthene	120	U	120	110	420	ug/Kg
51-28-5	2,4-Dinitrophenol	79	U	79	200	820	ug/Kg
100-02-7	4-Nitrophenol	27	U	27	200	820	ug/Kg
132-64-9	Dibenzofuran	99	U	99	110	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	110	420	ug/Kg
84-66-2	Diethylphthalate	100	U	100	110	420	ug/Kg
86-73-7	Fluorene	140	U	140	110	420	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	110	420	ug/Kg
100-01-6	4-Nitroaniline	40	U	40	200	820	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	97	U	97	200	820	ug/Kg
86-30-6	N-Nitrosodiphenylamine	110	U	110	110	420	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	110	420	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250	U	250	110	420	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	110	420	ug/Kg
1912-24-9	Atrazine	27	U	27	200	820	ug/Kg
87-86-5	Pentachlorophenol	94	U	94	200	820	ug/Kg
85-01-8	Phenanthrene	130	U	130	110	420	ug/Kg
608-93-5	Pentachlorobenzene	89	U	89	110	420	ug/Kg
120-12-7	Anthracene	120	U	120	110	420	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	14	U	14	110	420	ug/Kg
86-74-8	Carbazole	150	U	150	200	820	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	110	420	ug/Kg
206-44-0	Fluoranthene	110	U	110	200	420	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AE3	SDG No.:	BN081424
Lab Sample ID:	P3481-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033389.D	1	8/12/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	110	U	110	110	420	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	110	420	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	200	820	ug/Kg
56-55-3	Benzo(a)anthracene	97	U	97	110	420	ug/Kg
218-01-9	Chrysene	110	U	110	110	420	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	110	420	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	200	820	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	U	120	110	420	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	U	140	110	420	ug/Kg
50-32-8	Benzo(a)pyrene	140	U	140	110	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	110	420	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	110	420	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	110	420	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	130	U	130	110	420	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.865		15-120		23	SPK: -8
7291-22-7	Pyridine-d5	6.44	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	10.892		10-130		27	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.578		10-150		26	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.441		15-120		29	SPK: -40
190780-66-6	4-Methylphenol-d8	11.266		10-140		28	SPK: -40
4165-60-0	Nitrobenzene-d5	10.964		10-135		27	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.839		10-120		30	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.531		10-140		29	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.515		1-145		14	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.05		10-145		28	SPK: -40
93951-97-4	Acenaphthylene-d8	11.379		15-120		28	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.508		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	11.202		20-140		28	SPK: -40

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AE3	SDG No.:	BN081424
Lab Sample ID:	P3481-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033389.D	1	8/12/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.732		10-130		14	SPK: -40
1719-06-8	Anthracene-d10	11.647		10-150		29	SPK: -40
1718-52-1	Pyrene-d10	12.433		10-130		31	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.45		10-140		29	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	329854	7.569				
1146-65-2	Naphthalene-d8	1528804	10.334				
15067-26-2	Acenaphthene-d10	1023516	14.21				
1517-22-2	Phenanthrene-d10	2143190	16.957				
1719-03-5	Chrysene-d12	2017001	21.192				
1520-96-3	Perylene-d12	2047356	24.027				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	110	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	E0AD7	SDG No.:	BN081424
Lab Sample ID:	P3481-05	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
BN033390.D	1	8/12/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162679

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	63	U	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:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	E0AD7	SDG No.:	BN081424
Lab Sample ID:	P3481-05	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
BN033390.D	1	8/12/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162679

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:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	E0AD7	SDG No.:	BN081424
Lab Sample ID:	P3481-05	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
BN033390.D	1	8/12/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162679

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	2.891		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	9.775		20-120		24	SPK: -40
4165-62-2	Phenol-d5	16.776		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.547		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.698		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	17.102		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	17.74		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.909		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.657		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.978		1-145		22	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.626		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	17.027		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.859		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	16.781		20-140		42	SPK: -40

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	E0AD7	SDG No.:	BN081424
Lab Sample ID:	P3481-05	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
BN033390.D	1	8/12/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.154		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	17.361		10-150		43	SPK: -40
1718-52-1	Pyrene-d10	18.935		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.556		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	369189	7.569				
1146-65-2	Naphthalene-d8	1669808	10.334				
15067-26-2	Acenaphthene-d10	1108622	14.21				
1517-22-2	Phenanthrene-d10	2245949	16.957				
1719-03-5	Chrysene-d12	2061635	21.192				
1520-96-3	Perylene-d12	1972369	24.021				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	140	J			11.081	
	(DEL) Alkane: Straight-Chain	20.933	J			20.933	
E966796	Total Alkanes	160				99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AE5	SDG No.:	BN081424
Lab Sample ID:	P3481-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.7
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
BN033391.D	1	8/12/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	16.3	160	ug/Kg
100-52-7	Benzaldehyde	120	U	120	200	820	ug/Kg
110-86-1	Pyridine	30	U	30	410	820	ug/Kg
108-95-2	Phenol	110	U	110	200	820	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	87	U	87	200	820	ug/Kg
95-57-8	2-Chlorophenol	54	U	54	110	420	ug/Kg
95-48-7	2-Methylphenol	96	U	96	200	820	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72	U	72	200	820	ug/Kg
98-86-2	Acetophenone	150	U	150	200	820	ug/Kg
106-44-5	4-Methylphenol	100	U	100	200	820	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	92	U	92	110	420	ug/Kg
67-72-1	Hexachloroethane	40	U	40	110	420	ug/Kg
98-95-3	Nitrobenzene	67	U	67	110	420	ug/Kg
78-59-1	Isophorone	89	U	89	110	420	ug/Kg
88-75-5	2-Nitrophenol	74	U	74	110	420	ug/Kg
105-67-9	2,4-Dimethylphenol	21	U	21	110	420	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	77	U	77	110	420	ug/Kg
120-83-2	2,4-Dichlorophenol	84	U	84	110	420	ug/Kg
91-20-3	Naphthalene	82	U	82	110	420	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	110	820	ug/Kg
87-68-3	Hexachlorobutadiene	64	U	64	110	420	ug/Kg
105-60-2	Caprolactam	99	U	99	200	820	ug/Kg
59-50-7	4-Chloro-3-methylphenol	89	U	89	110	420	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	110	420	ug/Kg
91-57-6	2-Methylnaphthalene	92	U	92	110	420	ug/Kg
77-47-4	Hexachlorocyclopentadiene	47	U	47	200	820	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	110	420	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	110	420	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AE5	SDG No.:	BN081424
Lab Sample ID:	P3481-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.7
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
BN033391.D	1	8/12/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	110	U	110	110	420	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	110	420	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	110	420	ug/Kg
131-11-3	Dimethylphthalate	94	U	94	110	420	ug/Kg
606-20-2	2,6-Dinitrotoluene	64	U	64	110	420	ug/Kg
208-96-8	Acenaphthylene	110	U	110	110	420	ug/Kg
99-09-2	3-Nitroaniline	35	U	35	200	820	ug/Kg
83-32-9	Acenaphthene	120	U	120	110	420	ug/Kg
51-28-5	2,4-Dinitrophenol	79	U	79	200	820	ug/Kg
100-02-7	4-Nitrophenol	27	U	27	200	820	ug/Kg
132-64-9	Dibenzofuran	99	U	99	110	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	110	420	ug/Kg
84-66-2	Diethylphthalate	100	U	100	110	420	ug/Kg
86-73-7	Fluorene	140	U	140	110	420	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	110	420	ug/Kg
100-01-6	4-Nitroaniline	40	U	40	200	820	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	96	U	96	200	820	ug/Kg
86-30-6	N-Nitrosodiphenylamine	110	U	110	110	420	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	110	420	ug/Kg
101-55-3	4-Bromophenyl-phenylether	240	U	240	110	420	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	110	420	ug/Kg
1912-24-9	Atrazine	27	U	27	200	820	ug/Kg
87-86-5	Pentachlorophenol	94	U	94	200	820	ug/Kg
85-01-8	Phenanthrene	130	U	130	110	420	ug/Kg
608-93-5	Pentachlorobenzene	89	U	89	110	420	ug/Kg
120-12-7	Anthracene	120	U	120	110	420	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	14	U	14	110	420	ug/Kg
86-74-8	Carbazole	150	U	150	200	820	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	110	420	ug/Kg
206-44-0	Fluoranthene	110	U	110	200	420	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AE5	SDG No.:	BN081424
Lab Sample ID:	P3481-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.7
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
BN033391.D	1	8/12/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	110	U	110	110	420	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	110	420	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	200	820	ug/Kg
56-55-3	Benzo(a)anthracene	96	U	96	110	420	ug/Kg
218-01-9	Chrysene	110	U	110	110	420	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	110	420	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	200	820	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	U	120	110	420	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	U	140	110	420	ug/Kg
50-32-8	Benzo(a)pyrene	140	U	140	110	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	110	420	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	110	420	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	110	420	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	130	U	130	110	420	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.938		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	10.414		20-120		26	SPK: -40
4165-62-2	Phenol-d5	17.919		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.009		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.429		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	18.781		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	19.574		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.469		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.499		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.495		1-145		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.307		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	18.883		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.322		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	18.387		20-140		46	SPK: -40

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AE5	SDG No.:	BN081424
Lab Sample ID:	P3481-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.7
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
BN033391.D	1	8/12/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.374		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	19.344		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	21.092		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.421		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	383171	7.569				
1146-65-2	Naphthalene-d8	1733970	10.334				
15067-26-2	Acenaphthene-d10	1149461	14.21				
1517-22-2	Phenanthrene-d10	2349794	16.957				
1719-03-5	Chrysene-d12	2163130	21.192				
1520-96-3	Perylene-d12	1990258	24.021				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	110	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN081424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : E0AE1								
P3481-01	E0AE1	Solid	1-Heneicosanol	*	300.000	J		
P3481-01	E0AE1	Solid	1-Phenoxypropan-2-ol	*	220.000	J		
P3481-01	E0AE1	Solid	n-Hexadecanoic acid	*	250.000	J		
P3481-01	E0AE1	Solid	Total Alkanes	*	0.000	97	360	ug/Kg
Total Tics :					770.00			
Total Concentration:					770.00			
Client ID : E0AE2								
P3481-02	E0AE2	Solid	1-Heneicosanol	*	180.000	J		
P3481-02	E0AE2	Solid	1-Phenoxypropan-2-ol	*	330.000	J		
P3481-02	E0AE2	Solid	n-Hexadecanoic acid	*	220.000	J		
P3481-02	E0AE2	Solid	Propylene Glycol	*	190.000	J		
P3481-02	E0AE2	Solid	Total Alkanes	*	0.000	100	370	ug/Kg
Total Tics :					920.00			
Total Concentration:					920.00			
Client ID : E0AE3								
P3481-03	E0AE3	Solid	Total Alkanes	*	0.000	110	420	ug/Kg
Total Tics :					0.00			
Total Concentration:					0.00			
Client ID : E0AD7								
P3481-05	E0AD7	Solid	(DEL) Alkane: Straight-Chain20.9	*	160.000	J		
P3481-05	E0AD7	Solid	1-Phenoxypropan-2-ol	*	140.000	J		
P3481-05	E0AD7	Solid	Total Alkanes	*	160.000	65	240	ug/Kg
Total Tics :					460.00			
Total Concentration:					460.00			
Client ID : E0AE5								
P3481-11	E0AE5	Solid	Total Alkanes	*	0.000	110	420	ug/Kg
Total Tics :					0.00			
Total Concentration:					0.00			
Client ID : DCXS8								
P3502-09	DCXS8	Solid	(DEL) Alkane: Cyclic18.763	*	91.000	J		
P3502-09	DCXS8	Solid	(DEL) Alkane: Straight-Chain20.9	*	69.000	J		
P3502-09	DCXS8	Solid	(DEL) Alkane: Straight-Chain23.1	*	120.000	J		
P3502-09	DCXS8	Solid	.gamma.-Sitosterol	*	200.000	J		
P3502-09	DCXS8	Solid	1-Heptacosanol	*	300.000	J		
P3502-09	DCXS8	Solid	1-Phenoxypropan-2-ol	*	120.000	J		

Hit Summary Sheet
SW-846

SDG No.: BN081424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3502-09	DCXS8	Solid	11-Octadecenoic acid, methyl este *	140.000	J			
P3502-09	DCXS8	Solid	9,10-Anthracenedione *	470.000	J			
P3502-09	DCXS8	Solid	Behenic alcohol *	140.000	J			
P3502-09	DCXS8	Solid	Benzene, 1,2-dichloro- *	4,400.000	J			
P3502-09	DCXS8	Solid	Dodecanoic acid, methyl ester *	84.000	J			
P3502-09	DCXS8	Solid	Hexadecanoic acid, methyl ester *	130.000	J			
P3502-09	DCXS8	Solid	N-(4-Methoxyphenyl)-2-hydroxyi *	89.000	J			
P3502-09	DCXS8	Solid	n-Hexadecanoic acid *	600.000	J			
P3502-09	DCXS8	Solid	Picene *	200.000	J			
P3502-09	DCXS8	Solid	Propylene Glycol *	84.000	J			
P3502-09	DCXS8	Solid	Total Alkanes *	280.000		46	170	ug/Kg
Total Tics :				7,517.00				
P3502-09	DCXS8	Solid	2,4,5-Trichlorophenol	4,500.000	E	49	170	ug/Kg
P3502-09	DCXS8	Solid	2,4,6-Trichlorophenol	4,600.000	E	50	170	ug/Kg
P3502-09	DCXS8	Solid	2,4-Dichlorophenol	4,100.000	E	34	170	ug/Kg
P3502-09	DCXS8	Solid	2,6-Dinitrotoluene	4,300.000	E	26	170	ug/Kg
P3502-09	DCXS8	Solid	2-Chlorophenol	1,000.000		22	170	ug/Kg
P3502-09	DCXS8	Solid	2-Nitrophenol	3,400.000	E	30	170	ug/Kg
P3502-09	DCXS8	Solid	4-Chloro-3-methylphenol	5,100.000	E	36	170	ug/Kg
P3502-09	DCXS8	Solid	4-Chlorophenyl-phenylether	4,900.000	E	48	170	ug/Kg
P3502-09	DCXS8	Solid	4-Nitrophenol	5,800.000	E	11	330	ug/Kg
P3502-09	DCXS8	Solid	Acenaphthene	3,600.000	E	50	170	ug/Kg
P3502-09	DCXS8	Solid	Acenaphthylene	4,700.000	E	46	170	ug/Kg
P3502-09	DCXS8	Solid	Anthracene	4,000.000	E	47	170	ug/Kg
P3502-09	DCXS8	Solid	Benzo(a)anthracene	2,800.000	E	39	170	ug/Kg
P3502-09	DCXS8	Solid	Benzo(a)pyrene	1,400.000		57	170	ug/Kg
P3502-09	DCXS8	Solid	Benzo(g,h,i)perylene	4,100.000	E	46	170	ug/Kg
P3502-09	DCXS8	Solid	Benzo(k)fluoranthene	2,600.000		58	170	ug/Kg
P3502-09	DCXS8	Solid	Bis(2-Chloroethoxy)methane	4,400.000	E	31	170	ug/Kg
P3502-09	DCXS8	Solid	Bis(2-Chloroethyl)ether	5,100.000		35	330	ug/Kg
P3502-09	DCXS8	Solid	Bis(2-ethylhexyl)phthalate	4,400.000	E	43	170	ug/Kg
P3502-09	DCXS8	Solid	Butylbenzylphthalate	6,300.000	E	43	170	ug/Kg
P3502-09	DCXS8	Solid	Chrysene	4,300.000	E	46	170	ug/Kg
P3502-09	DCXS8	Solid	Di-n-butylphthalate	2,200.000		57	170	ug/Kg
P3502-09	DCXS8	Solid	Dibenzo(a,h)anthracene	1,000.000		52	170	ug/Kg
P3502-09	DCXS8	Solid	Dibenzofuran	2,800.000	E	40	170	ug/Kg
P3502-09	DCXS8	Solid	Diethylphthalate	4,800.000	E	41	170	ug/Kg
P3502-09	DCXS8	Solid	Fluoranthene	3,600.000	E	45	170	ug/Kg
P3502-09	DCXS8	Solid	Fluorene	2,500.000		58	170	ug/Kg
P3502-09	DCXS8	Solid	Indeno(1,2,3-cd)pyrene	3,400.000	E	45	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN081424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3502-09	DCXS8	Solid	N-Nitroso-di-n-propylamine	3,000.000	E	37	170	ug/Kg
P3502-09	DCXS8	Solid	Naphthalene	5,000.000	E	33	170	ug/Kg
P3502-09	DCXS8	Solid	Nitrobenzene	1,100.000		27	170	ug/Kg
P3502-09	DCXS8	Solid	Pentachlorophenol	5,100.000		38	330	ug/Kg
P3502-09	DCXS8	Solid	Phenol	2,500.000		45	330	ug/Kg
P3502-09	DCXS8	Solid	Pyrene	3,800.000	E	46	170	ug/Kg
Total Svoc :				126,200.00				
Total Concentration:				133,717.00				
Client ID : DCXS8DL								
P3502-09DL	DCXS8DL	Solid	9,10-Anthracenedione	*	430.000	JD		
P3502-09DL	DCXS8DL	Solid	Benzene, 1,4-dichloro-	*	4,300.000	JD		
P3502-09DL	DCXS8DL	Solid	n-Hexadecanoic acid	*	390.000	JD		
P3502-09DL	DCXS8DL	Solid	Total Alkanes	*	0.000	D 230	840	ug/Kg
Total Tics :				5,120.00				
P3502-09DL	DCXS8DL	Solid	2,4,5-Trichlorophenol		4,700.000	D 240	840	ug/Kg
P3502-09DL	DCXS8DL	Solid	2,4,6-Trichlorophenol		4,500.000	D 250	840	ug/Kg
P3502-09DL	DCXS8DL	Solid	2,4-Dichlorophenol		4,200.000	D 170	840	ug/Kg
P3502-09DL	DCXS8DL	Solid	2,6-Dinitrotoluene		4,000.000	D 130	840	ug/Kg
P3502-09DL	DCXS8DL	Solid	2-Chlorophenol		980.000	D 110	840	ug/Kg
P3502-09DL	DCXS8DL	Solid	2-Nitrophenol		3,000.000	D 150	840	ug/Kg
P3502-09DL	DCXS8DL	Solid	4-Chloro-3-methylphenol		5,300.000	D 180	840	ug/Kg
P3502-09DL	DCXS8DL	Solid	4-Chlorophenyl-phenylether		5,500.000	D 240	840	ug/Kg
P3502-09DL	DCXS8DL	Solid	4-Nitrophenol		5,500.000	D 55	1600	ug/Kg
P3502-09DL	DCXS8DL	Solid	Acenaphthene		3,900.000	D 250	840	ug/Kg
P3502-09DL	DCXS8DL	Solid	Acenaphthylene		5,200.000	D 230	840	ug/Kg
P3502-09DL	DCXS8DL	Solid	Anthracene		5,300.000	D 230	840	ug/Kg
P3502-09DL	DCXS8DL	Solid	Benzo(a)anthracene		3,000.000	D 190	840	ug/Kg
P3502-09DL	DCXS8DL	Solid	Benzo(a)pyrene		1,400.000	D 280	840	ug/Kg
P3502-09DL	DCXS8DL	Solid	Benzo(g,h,i)perylene		4,400.000	D 230	840	ug/Kg
P3502-09DL	DCXS8DL	Solid	Benzo(k)fluoranthene		2,700.000	D 290	840	ug/Kg
P3502-09DL	DCXS8DL	Solid	Bis(2-Chloroethoxy)methane		4,700.000	D 150	840	ug/Kg
P3502-09DL	DCXS8DL	Solid	Bis(2-Chloroethyl)ether		5,300.000	D 170	1600	ug/Kg
P3502-09DL	DCXS8DL	Solid	Bis(2-ethylhexyl)phthalate		6,100.000	D 210	840	ug/Kg
P3502-09DL	DCXS8DL	Solid	Butylbenzylphthalate		7,300.000	D 210	840	ug/Kg
P3502-09DL	DCXS8DL	Solid	Chrysene		6,100.000	D 230	840	ug/Kg
P3502-09DL	DCXS8DL	Solid	Di-n-butylphthalate		2,400.000	D 280	840	ug/Kg
P3502-09DL	DCXS8DL	Solid	Dibenzo(a,h)anthracene		1,000.000	D 260	840	ug/Kg
P3502-09DL	DCXS8DL	Solid	Dibenzofuran		3,100.000	D 200	840	ug/Kg
P3502-09DL	DCXS8DL	Solid	Diethylphthalate		5,400.000	D 200	840	ug/Kg
P3502-09DL	DCXS8DL	Solid	Fluoranthene		4,600.000	D 220	840	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN081424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3502-09DL	DCXS8DL	Solid	Fluorene	2,800.000	D	290	840	ug/Kg
P3502-09DL	DCXS8DL	Solid	Indeno(1,2,3-cd)pyrene	3,600.000	D	220	840	ug/Kg
P3502-09DL	DCXS8DL	Solid	N-Nitroso-di-n-propylamine	3,000.000	D	180	840	ug/Kg
P3502-09DL	DCXS8DL	Solid	Naphthalene	5,500.000	D	160	840	ug/Kg
P3502-09DL	DCXS8DL	Solid	Nitrobenzene	1,100.000	D	130	840	ug/Kg
P3502-09DL	DCXS8DL	Solid	Pentachlorophenol	4,900.000	D	190	1600	ug/Kg
P3502-09DL	DCXS8DL	Solid	Phenol	2,500.000	D	220	1600	ug/Kg
P3502-09DL	DCXS8DL	Solid	Pyrene	5,400.000	D	230	840	ug/Kg

Total Svoc : **138,380.00**
Total Concentration: **143,500.00**

Client ID : DCXU5

P3502-14	DCXU5	Solid	(DEL) Alkane: Straight-Chain20.9 *	360.000	J			
P3502-14	DCXU5	Solid	(DEL) Alkane: Straight-Chain23.2 *	290.000	J			
P3502-14	DCXU5	Solid	(DEL) Alkane: Straight-Chain25.1 *	400.000	J			
P3502-14	DCXU5	Solid	.gamma.-Sitosterol *	290.000	J			
P3502-14	DCXU5	Solid	1-Phenoxypropan-2-ol *	97.000	J			
P3502-14	DCXU5	Solid	9,19-Cyclolanost-24-en-3-ol, (3.b) *	610.000	J			
P3502-14	DCXU5	Solid	9-Octadecenoic acid *	100.000	J			
P3502-14	DCXU5	Solid	Caryophyllene *	97.000	J			
P3502-14	DCXU5	Solid	Cinnamyl cinnamate *	620.000	J			
P3502-14	DCXU5	Solid	Dehydroabietic acid *	140.000	J			
P3502-14	DCXU5	Solid	n-Hexadecanoic acid *	250.000	J			
P3502-14	DCXU5	Solid	Octadecanoic acid *	180.000	J			
P3502-14	DCXU5	Solid	Propylene Glycol *	82.000	J			
P3502-14	DCXU5	Solid	Triacontan-15-ol *	170.000	J			
P3502-14	DCXU5	Solid	Trichloroacetic acid, hexadecyl es *	590.000	J			
P3502-14	DCXU5	Solid	Total Alkanes *	1,100.000		50	180	ug/Kg

Total Tics : **5,376.00**

P3502-14	DCXU5	Solid	2,3,4,6-Tetrachlorophenol	270.000		56	180	ug/Kg
P3502-14	DCXU5	Solid	Pentachlorophenol	290.000	J	41	360	ug/Kg

Total Svoc : **560.00**
Total Concentration: **5,936.00**

Client ID : DCXU6

P3502-15	DCXU6	Solid	(DEL) Alkane: Straight-Chain21.9 *	670.000	J			
P3502-15	DCXU6	Solid	(DEL) Alkane: Straight-Chain22.6 *	87.000	J			
P3502-15	DCXU6	Solid	(DEL) Alkane: Straight-Chain23.2 *	410.000	J			
P3502-15	DCXU6	Solid	(DEL) Alkane: Straight-Chain25.1 *	480.000	J			
P3502-15	DCXU6	Solid	.beta.-Sitosterol *	230.000	J			
P3502-15	DCXU6	Solid	1-Heneicosanol *	370.000	J			

Hit Summary Sheet
SW-846

SDG No.: BN081424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3502-15	DCXU6	Solid	1-Phenoxypropan-2-ol	*	99.000	J		
P3502-15	DCXU6	Solid	9-Octadecenoic acid, (E)-	*	130.000	J		
P3502-15	DCXU6	Solid	A-Neogammacer-22(29)-en-3-one	*	470.000	J		
P3502-15	DCXU6	Solid	n-Hexadecanoic acid	*	360.000	J		
P3502-15	DCXU6	Solid	n-Nonadecanol-1	*	310.000	J		
P3502-15	DCXU6	Solid	n-Tetracosanol-1	*	190.000	J		
P3502-15	DCXU6	Solid	Octadecanoic acid	*	160.000	J		
P3502-15	DCXU6	Solid	Oxirane, hexadecyl-	*	120.000	J		
P3502-15	DCXU6	Solid	Propylene Glycol	*	90.000	J		
P3502-15	DCXU6	Solid	Tetracosapentaene, 2,6,10,15,19,2	*	660.000	J		
P3502-15	DCXU6	Solid	unknown-01	*	99.000	J		
P3502-15	DCXU6	Solid	Xanthoxylin	*	180.000	J		
P3502-15	DCXU6	Solid	Total Alkanes	*	1,600.000	51	190	ug/Kg
Total Tics :					6,715.00			
Total Concentration:					6,715.00			

Client ID : DCXV4

P3502-20	DCXV4	Solid	(DEL) Alkane: Straight-Chain20.9	*	900.000	J		
P3502-20	DCXV4	Solid	(DEL) Alkane: Straight-Chain21.4	*	120.000	J		
P3502-20	DCXV4	Solid	(DEL) Alkane: Straight-Chain21.9	*	1,600.000	J		
P3502-20	DCXV4	Solid	(DEL) Alkane: Straight-Chain22.6	*	150.000	J		
P3502-20	DCXV4	Solid	(DEL) Alkane: Straight-Chain23.3	*	560.000	J		
P3502-20	DCXV4	Solid	(DEL) Alkane: Straight-Chain25.1	*	500.000	J		
P3502-20	DCXV4	Solid	.gamma.-Sitosterol	*	320.000	J		
P3502-20	DCXV4	Solid	1-Heneicosanol	*	580.000	J		
P3502-20	DCXV4	Solid	1-Phenoxypropan-2-ol	*	140.000	J		
P3502-20	DCXV4	Solid	Behenic alcohol	*	340.000	J		
P3502-20	DCXV4	Solid	Cinnamyl cinnamate	*	1,200.000	J		
P3502-20	DCXV4	Solid	Docosanoic acid	*	97.000	J		
P3502-20	DCXV4	Solid	n-Hexadecanoic acid	*	380.000	J		
P3502-20	DCXV4	Solid	Octadecanoic acid	*	230.000	J		
P3502-20	DCXV4	Solid	Oxirane, hexadecyl-	*	220.000	J		
P3502-20	DCXV4	Solid	Tetracosanoic acid	*	180.000	J		
P3502-20	DCXV4	Solid	Triacontan-15-ol	*	110.000	J		
P3502-20	DCXV4	Solid	unknown-01	*	92.000	J		
P3502-20	DCXV4	Solid	Total Alkanes	*	3,800.000	51	190	ug/Kg
Total Tics :					11,519.00			
Total Concentration:					11,519.00			

Client ID : DCXV5

P3502-21	DCXV5	Solid	(1R,2S,6S,7S,8S)-8-Isopropyl-1-n	*	76.000	J		
----------	-------	-------	----------------------------------	---	--------	---	--	--

Hit Summary Sheet SW-846

SDG No.: BN081424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3502-21	DCXV5	Solid	(DEL) Alkane: Cyclic22.633	*	120.000	J		
P3502-21	DCXV5	Solid	(DEL) Alkane: Straight-Chain20.9	*	420.000	J		
P3502-21	DCXV5	Solid	(DEL) Alkane: Straight-Chain22.6	*	990.000	J		
P3502-21	DCXV5	Solid	(DEL) Alkane: Straight-Chain23.2	*	410.000	J		
P3502-21	DCXV5	Solid	(DEL) Alkane: Straight-Chain25.1	*	750.000	J		
P3502-21	DCXV5	Solid	.alpha.-Pinene	*	630.000	J		
P3502-21	DCXV5	Solid	.gamma.-Sitosterol	*	380.000	J		
P3502-21	DCXV5	Solid	1-Heneicosanol	*	390.000	J		
P3502-21	DCXV5	Solid	1-Heptacosanol	*	290.000	J		
P3502-21	DCXV5	Solid	1-Naphthalenol, 1,2,3,4,4a,7,8,8a-	*	170.000	J		
P3502-21	DCXV5	Solid	1-Phenoxypropan-2-ol	*	130.000	J		
P3502-21	DCXV5	Solid	2-Propenal, 3-(2-methoxyphenyl)-	*	130.000	J		
P3502-21	DCXV5	Solid	2-Propenoic acid, 3-phenyl-, 1,7,7	*	180.000	J		
P3502-21	DCXV5	Solid	Cinnamyl cinnamate	*	2,900.000	J		
P3502-21	DCXV5	Solid	Dehydroabietic acid	*	330.000	J		
P3502-21	DCXV5	Solid	Docosanoic acid	*	120.000	J		
P3502-21	DCXV5	Solid	Myrtenyl isovalerate	*	150.000	J		
P3502-21	DCXV5	Solid	n-Hexadecanoic acid	*	390.000	J		
P3502-21	DCXV5	Solid	n-Propyl 11-octadecenoate	*	85.000	J		
P3502-21	DCXV5	Solid	Octadecanoic acid	*	240.000	J		
P3502-21	DCXV5	Solid	Pentadecafluorooctanoic acid, oct	*	110.000	J		
P3502-21	DCXV5	Solid	Propylene Glycol	*	120.000	J		
P3502-21	DCXV5	Solid	Tetracosanoic acid	*	120.000	J		
P3502-21	DCXV5	Solid	Total Alkanes	*	2,700.000	51	190	ug/Kg
Total Tics :					12,331.00			
Total Concentration:					12,331.00			
Client ID : C0B39								
P3540-02	C0B39	Water	Benzene, 1,3-dimethyl-	*	2.400	J		
P3540-02	C0B39	Water	n-Hexadecanoic acid	*	2.100	J		
P3540-02	C0B39	Water	Octadecanoic acid	*	2.300	J		
P3540-02	C0B39	Water	Total Alkanes	*	0.000	1.9	5	ug/L
Total Tics :					6.80			
P3540-02	C0B39	Water	1,4-Dioxane		1.900	J 0.31	2	ug/L
Total Svoc :					1.90			
Total Concentration:					8.70			
Client ID : C0B42								
P3540-04	C0B42	Water	(DEL) Alkane: Straight-Chain26.2	*	2.300	J		
P3540-04	C0B42	Water	Total Alkanes	*	2.300	1.9	5	ug/L
Total Tics :					4.60			
P3540-04	C0B42	Water	1,4-Dioxane		1.900	J 0.31	2	ug/L



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

Hit Summary Sheet
SW-846

SDG No.: BN081424

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
		Total Svoc :			1.90		
		Total Concentration:			6.50		

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN081424 SAS No.: BN081424 SDG No.: BN081424

Instrument ID: _____ Calibration Date(s): 8/13/2024 : _____

Calibration Time(s): 16:52 _____

LAB FILE ID:		RRFAL1 = BN033366.D		RRFAL2 = BN033367.D		RRFAL3 = BN033368.D		
		RRFAL4 = BN033369.D		RRFAL5 = BN033370.D		RRFAL6 = BN033371.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.480	0.539	0.554	0.509	0.490		0.514	6.1
Benzaldehyde		1.130	1.191	1.032	0.770	0.643	0.953	24.8
Pyridine		1.595	1.570	1.489	1.533	1.459	1.529	3.7
Hexachloroethane	0.555	0.626	0.624	0.599	0.610		0.603	4.8
Nitrobenzene	0.342	0.399	0.392	0.393	0.388		0.383	6.0
Isophorone	0.691	0.818	0.794	0.796	0.784		0.777	6.4
2-Nitrophenol	0.118	0.148	0.160	0.174	0.183		0.156	16.2
2,4-Dimethylphenol	0.339	0.383	0.380	0.376	0.373		0.370	4.8
Bis(2-Chloroethoxy)methane	0.459	0.512	0.485	0.481	0.468		0.481	4.2
2,4-Dichlorophenol	0.271	0.314	0.315	0.325	0.319		0.309	7.0
Naphthalene	1.064	1.205	1.122	1.109	1.075		1.115	5.0
4-Chloroaniline		0.518	0.493	0.482	0.483	0.457	0.487	4.5
Hexachlorobutadiene	0.180	0.205	0.199	0.193	0.188		0.193	4.9
Phenol		1.926	1.945	1.883	1.966	1.918	1.928	1.6
Caprolactam		0.119	0.123	0.125	0.124	0.126	0.123	2.1
4-Chloro-3-methylphenol	0.310	0.362	0.367	0.370	0.365		0.355	7.1
1-Methylnaphthalene	0.750	0.864	0.802	0.787	0.764		0.793	5.6
2-Methylnaphthalene	0.739	0.842	0.794	0.790	0.760		0.785	5.0
Hexachlorocyclopentadiene		0.290	0.301	0.334	0.332	0.329	0.317	6.4
2,4,6-Trichlorophenol	0.290	0.349	0.351	0.381	0.387		0.351	11.0
2,4,5-Trichlorophenol	0.320	0.391	0.402	0.432	0.434		0.396	11.7
1,1-Biphenyl	1.453	1.640	1.496	1.513	1.440		1.508	5.3
2-Chloronaphthalene	1.103	1.257	1.152	1.175	1.160		1.169	4.8
2-Nitroaniline	0.266	0.325	0.342	0.370	0.377		0.336	13.2
Bis(2-Chloroethyl)ether		1.616	1.592	1.513	1.526	1.427	1.535	4.8
Dimethylphthalate	1.457	1.648	1.514	1.530	1.491		1.528	4.8
2,6-Dinitrotoluene	0.211	0.269	0.279	0.312	0.317		0.278	15.4
Acenaphthylene	1.739	2.016	1.842	1.883	1.825		1.861	5.5
3-Nitroaniline		0.296	0.317	0.337	0.311	0.312	0.314	4.7
Acenaphthene	1.245	1.436	1.301	1.324	1.269		1.315	5.6
2,4-Dinitrophenol		0.091	0.108	0.136	0.159	0.191	0.137	29.1
4-Nitrophenol		0.236	0.225	0.233	0.234	0.224	0.230	2.4
Dibenzofuran	1.775	1.996	1.815	1.829	1.764		1.836	5.1
2,4-Dinitrotoluene	0.325	0.410	0.421	0.459	0.472		0.417	13.9
Diethylphthalate	1.477	1.708	1.599	1.612	1.574		1.594	5.2
2-Chlorophenol	1.268	1.482	1.509	1.447	1.508		1.443	7.0

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN081424 SAS No.: BN081424 SDG No.: BN081424

Instrument ID: _____ Calibration Date(s): 8/13/2024 : _____

Calibration Time(s): 16:52 _____

LAB FILE ID:		RRFAL1 = BN033366.D		RRFAL2 = BN033367.D		RRFAL3 = BN033368.D		
		RRFAL4 = BN033369.D		RRFAL5 = BN033370.D		RRFAL6 = BN033371.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.478	1.662	1.520	1.487	1.408		1.511	6.2
4-Chlorophenyl-phenylether	0.720	0.791	0.708	0.718	0.688		0.725	5.4
4-Nitroaniline		0.331	0.348	0.349	0.306	0.284	0.324	8.6
4,6-Dinitro-2-methylphenol		0.079	0.093	0.110	0.122	0.128	0.106	19.2
N-Nitrosodiphenylamine	0.557	0.649	0.612	0.606	0.583		0.601	5.7
1,2,4,5-Tetrachlorobenzene	0.530	0.610	0.575	0.580	0.569		0.573	5.0
4-Bromophenyl-phenylether	0.184	0.221	0.207	0.207	0.202		0.204	6.4
Hexachlorobenzene	0.217	0.253	0.228	0.237	0.234		0.234	5.6
Atrazine		0.230	0.231	0.225	0.222	0.211	0.224	3.7
Pentachlorophenol		0.125	0.139	0.152	0.159	0.160	0.147	9.9
2-Methylphenol		1.426	1.485	1.444	1.490	1.448	1.458	1.9
Phenanthrene	1.063	1.231	1.143	1.100	1.054		1.118	6.4
Pentachlorobenzene	0.261	0.302	0.284	0.268	0.272		0.278	5.7
Anthracene	1.075	1.257	1.156	1.125	1.084		1.139	6.4
1,2,3,4-Tetrachlorobenzene	0.244	0.282	0.270	0.279	0.273		0.270	5.7
Carbazole		1.176	1.103	1.056	1.010	0.907	1.050	9.6
Di-n-butylphthalate	1.173	1.388	1.359	1.349	1.290		1.312	6.5
Fluoranthene	1.180	1.391	1.298	1.328	1.260		1.291	6.1
Pyrene	1.330	1.547	1.380	1.410	1.330		1.400	6.4
Butylbenzylphthalate	0.437	0.549	0.577	0.622	0.618		0.561	13.4
3,3-Dichlorobenzidine		0.456	0.469	0.488	0.439	0.427	0.456	5.3
2,2-oxybis (1-Chloropropane)		2.711	2.645	2.464	2.437	2.201	2.492	8.0
Benzo (a) anthracene	1.362	1.588	1.398	1.465	1.382		1.439	6.4
Chrysene	1.294	1.526	1.344	1.324	1.279		1.353	7.4
Bis (2-ethylhexyl) phthalate	0.760	0.927	0.925	0.991	0.946		0.910	9.7
Di-n-octyl phthalate		1.169	1.292	1.452	1.468	1.059	1.288	13.8
Benzo (b) fluoranthene	1.094	1.294	1.230	1.278	1.321		1.243	7.2
Benzo (k) fluoranthene	1.100	1.283	1.232	1.298	1.260		1.234	6.4
Benzo (a) pyrene	1.062	1.190	1.185	1.223	1.232		1.178	5.8
Indeno (1,2,3-cd) pyrene	1.269	1.488	1.462	1.543	1.549		1.462	7.8
Dibenzo (a,h) anthracene	1.038	1.226	1.187	1.261	1.276		1.198	8.0
Benzo (g,h,i) perylene	0.994	1.139	1.116	1.178	1.191		1.124	7.0
Acetophenone		2.635	2.557	2.400	2.443	2.282	2.464	5.6
2,3,4,6-Tetrachlorophenol	0.266	0.314	0.323	0.350	0.354		0.322	11.0
1,4-Dioxane-d8	0.488	0.512	0.507	0.478	0.466		0.490	4.0
Pyridine-d5		1.511	1.520	1.467	1.496	1.443	1.488	2.1

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.: BN081424 SAS No.: BN081424 SDG No.: BN081424
Instrument ID: _____ Calibration Date(s): 8/13/2024 : _____
Calibration Time(s): 16:52 : _____

LAB FILE ID:		RRFAL1 = BN033366.D			RRFAL2 = BN033367.D		RRFAL3 = BN033368.D	
		RRFAL4 = BN033369.D			RRFAL5 = BN033370.D		RRFAL6 = BN033371.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.784	1.848	1.788	1.888	1.864	1.834	2.5
Bis-(2-Chloroethyl)ether-d8		1.254	1.214	1.171	1.163	1.079	1.176	5.6
2-Chlorophenol-d4	1.183	1.390	1.448	1.411	1.483		1.383	8.5
4-Methylphenol-d8		1.465	1.543	1.506	1.557	1.514	1.517	2.4
Nitrobenzene-d5	0.129	0.152	0.156	0.162	0.162		0.152	9.2
2-Nitrophenol-d4	0.102	0.121	0.132	0.152	0.164		0.134	18.4
2,4-Dichlorophenol-d3	0.248	0.302	0.304	0.317	0.322		0.298	9.9
4-Chloroaniline-d4		0.526	0.496	0.499	0.494	0.472	0.497	3.8
4-Methylphenol		1.630	1.680	1.600	1.659	1.592	1.632	2.3
Dimethylphthalate-d6	1.428	1.646	1.511	1.539	1.487		1.522	5.3
Acenaphthylene-d8	1.554	1.825	1.690	1.759	1.692		1.704	5.9
4-Nitrophenol-d4		0.269	0.287	0.304	0.309	0.303	0.294	5.6
Fluorene-d10	1.251	1.410	1.301	1.303	1.263		1.305	4.8
4,6-Dinitro-2-methylphenol-		0.066	0.079	0.096	0.109	0.120	0.094	23.1
Anthracene-d10	0.882	1.029	0.963	0.941	0.927		0.948	5.7
Pyrene-d10	1.016	1.191	1.096	1.129	1.090		1.104	5.8
Benzo(a)pyrene-d12	0.903	1.058	1.045	1.082	1.111		1.040	7.7
N-Nitroso-di-n-propylamine	1.127	1.340	1.321	1.246	1.260		1.259	6.6

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.: BN081424 SAS No.: BN081424 SDG NO.: BN081424

EPA Sample No.: SSTD020308 Date Analyzed: Aug 14 2024 12:00AM

Lab File ID: BN033374.D Time Analyzed: 09:40

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	196456	7.569	921968	10.33	660777	14.21
UPPER LIMIT	392912	8.069	1843936	10.834	1321554	14.71
LOWER LIMIT	98228	7.069	460984	9.834	330388.5	13.71
EPA SAMPLE NO.						
01 SBLK679	282298	7.57	1.27963e	10.33	889563	14.21
02 SBLK636	253902	7.57	1.1308e+	10.33	797376	14.21
03 DCXS8	316348	7.57	1.48131e	10.34	1.01366e	14.21
04 DCXS8DL	216270	7.57	1.0123e+	10.33	713839	14.21
05 C0B39	244130	7.57	1.13444e	10.33	808104	14.21
06 C0B42	177943	7.57	829762	10.33	590731	14.20
07 DCXU5	283098	7.57	1.30535e	10.33	877301	14.21
08 DCXU6	338100	7.57	1.57432e	10.33	1.06151e	14.21
09 DCXV4	306447	7.57	1.41358e	10.33	953355	14.21
10 DCXV5	320102	7.57	1.46649e	10.33	953899	14.21
11 E0AE1	329752	7.57	1.56206e	10.33	1.06101e	14.21

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.: BN081424 SAS No.: BN081424 SDG NO.: BN081424

EPA Sample No.: SSTD020309 Date Analyzed: Aug 14 2024 12:00AM

Lab File ID: BN033386.D Time Analyzed: 18:34

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	269565	7.569	1.27502e+01	10.33	854867	14.21
UPPER LIMIT	539130	8.069	2550040	10.834	1709734	14.71
LOWER LIMIT	134782.5	7.069	637510	9.834	427433.5	13.71
EPA SAMPLE NO.						
01 SBLK649	281151	7.57	1.33411e	10.33	897847	14.21
02 E0AE2	339478	7.57	1.6046e+	10.33	1.08367e	14.21
03 E0AE3	329854	7.57	1.5288e+	10.33	1.02352e	14.21
04 E0AD7	369189	7.57	1.66981e	10.33	1.10862e	14.21
05 E0AE5	383171	7.57	1.73397e	10.33	1.14946e	14.21

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.: BN081424 SAS No.: BN081424 SDG NO.: BN081424

EPA Sample No.: SSTD020212 Date Analyzed: Aug 13 2024 12:00AM

Lab File ID: BN033368.D Time Analyzed: 20:48

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	227825	7.569	1.07576e+01	10.33	755591	14.21
UPPER LIMIT	455650	8.069	2151520	10.834	1511182	14.71
LOWER LIMIT	113912.5	7.069	537880	9.834	377795.5	13.71
EPA SAMPLE NO.						
01 SICV216	243595	7.57	1.17308e	10.33	856213	14.21
02 SBLK679	282298	7.57	1.27963e	10.33	889563	14.21
03 SBLK636	253902	7.57	1.1308e+	10.33	797376	14.21
04 DCXS8	316348	7.57	1.48131e	10.34	1.01366e	14.21
05 DCXS8DL	216270	7.57	1.0123e+	10.33	713839	14.21
06 C0B39	244130	7.57	1.13444e	10.33	808104	14.21
07 C0B42	177943	7.57	829762	10.33	590731	14.20
08 DCXU5	283098	7.57	1.30535e	10.33	877301	14.21
09 DCXU6	338100	7.57	1.57432e	10.33	1.06151e	14.21
10 DCXV4	306447	7.57	1.41358e	10.33	953355	14.21
11 DCXV5	320102	7.57	1.46649e	10.33	953899	14.21
12 E0AE1	329752	7.57	1.56206e	10.33	1.06101e	14.21
13 SBLK649	281151	7.57	1.33411e	10.33	897847	14.21
14 E0AE2	339478	7.57	1.6046e+	10.33	1.08367e	14.21
15 E0AE3	329854	7.57	1.5288e+	10.33	1.02352e	14.21
16 E0AD7	369189	7.57	1.66981e	10.33	1.10862e	14.21
17 E0AE5	383171	7.57	1.73397e	10.33	1.14946e	14.21

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN081424 SAS No.: BN081424 SDG NO.: BN081424

EPA Sample No.: SSTD020212 Date Analyzed: Aug 14 2024 12:00AM

Lab File ID: BN033368.D Time Analyzed: 21:11

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	227825	7.569	1.07576e+01	10.33	755591	14.21
UPPER LIMIT	455650	8.069	2151520	10.834	1511182	14.71
LOWER LIMIT	113912.5	7.069	537880	9.834	377795.5	13.71
EPA SAMPLE NO.						

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.: BN081424 SAS No.: BN081424 SDG NO.: BN081424

EPA Sample No.: SSTD020308 Date Analyzed: Aug 14 2024 12:00AM

Lab File ID: BN033374.D Time Analyzed: 09:40

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	1.47372e+01	16.957	1.55714e+01	21.192	1.82396e+01	24.021
UPPER LIMIT	2947440	17.457	3114280	21.692	3647920	24.521
LOWER LIMIT	736860	16.457	778570	20.692	911980	23.521
EPA SAMPLE NO.						
01 SBLK679	1.96879	16.96	1.99145e+01	21.19	2.39629e+01	24.03
02 SBLK636	1.73086	16.96	1.76615e+01	21.19	2.12355e+01	24.02
03 DCXS8	2.29253	16.96	2.21129e+01	21.21	2.68771e+01	24.03
04 DCXS8DL	1.59332	16.96	1.57837e+01	21.20	1.92272e+01	24.03
05 C0B39	1.76003	16.96	1.75645e+01	21.19	1.99057e+01	24.03
06 C0B42	1.31045	16.96	1.33822e+01	21.19	1.55834e+01	24.02
07 DCXU5	1.88452	16.96	1.92227e+01	21.19	2.11294e+01	24.02
08 DCXU6	2.27342	16.96	2.16494e+01	21.19	2.22086e+01	24.03
09 DCXV4	1.99303	16.96	1.91334e+01	21.19	1.93685e+01	24.02
10 DCXV5	1.99835	16.96	1.83232e+01	21.20	1.77835e+01	24.03
11 E0AE1	2.24027	16.96	2.12628e+01	21.19	2.14994e+01	24.03

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 LOWER 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.: BN081424 SAS No.: BN081424 SDG NO.: BN081424

EPA Sample No.: SSTD020309 Date Analyzed: Aug 14 2024 12:00AM

Lab File ID: BN033386.D Time Analyzed: 18:34

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	1.81525e+01	16.957	1.74852e+01	21.198	1.82135e+01	24.027
UPPER LIMIT	3630500	17.457	3497040	21.698	3642700	24.527
LOWER LIMIT	907625	16.457	874260	20.698	910675	23.527
EPA SAMPLE NO.						
01 SBLK649	1.87955	16.96	1.866e+00	21.19	1.86169e+	24.03
02 E0AE2	2.27059	16.96	2.1677e+0	21.19	2.27607e+	24.02
03 E0AE3	2.14319	16.96	2.017e+00	21.19	2.04736e+	24.03
04 E0AD7	2.24595	16.96	2.06164e+	21.19	1.97237e+	24.02
05 E0AE5	2.34979	16.96	2.16313e+	21.19	1.99026e+	24.02

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.: BN081424 SAS No.: BN081424 SDG NO.: BN081424

EPA Sample No.: SSTD020212 Date Analyzed: Aug 13 2024 12:00AM

Lab File ID: BN033368.D Time Analyzed: 20:48

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	1.60682e+01	16.957	1.67336e+	21.192	1.98419e+01	24.027
	UPPER LIMIT	3213640	17.457	3346720	21.692	3968380	24.527
	LOWER LIMIT	803410	16.457	836680	20.692	992095	23.527
	EPA SAMPLE NO.						
01	SICV216	1.92952	16.96	1.90959e+	21.19	2.28067e+	24.03
02	SBLK679	1.96879	16.96	1.99145e+	21.19	2.39629e+	24.03
03	SBLK636	1.73086	16.96	1.76615e+	21.19	2.12355e+	24.02
04	DCXS8	2.29253	16.96	2.21129e+	21.21	2.68771e+	24.03
05	DCXS8DL	1.59332	16.96	1.57837e+	21.20	1.92272e+	24.03
06	C0B39	1.76003	16.96	1.75645e+	21.19	1.99057e+	24.03
07	C0B42	1.31045	16.96	1.33822e+	21.19	1.55834e+	24.02
08	DCXU5	1.88452	16.96	1.92227e+	21.19	2.11294e+	24.02
09	DCXU6	2.27342	16.96	2.16494e+	21.19	2.22086e+	24.03
10	DCXV4	1.99303	16.96	1.91334e+	21.19	1.93685e+	24.02
11	DCXV5	1.99835	16.96	1.83232e+	21.20	1.77835e+	24.03
12	E0AE1	2.24027	16.96	2.12628e+	21.19	2.14994e+	24.03
13	SBLK649	1.87955	16.96	1.866e+00	21.19	1.86169e+	24.03
14	E0AE2	2.27059	16.96	2.1677e+0	21.19	2.27607e+	24.02
15	E0AE3	2.14319	16.96	2.017e+00	21.19	2.04736e+	24.03
16	E0AD7	2.24595	16.96	2.06164e+	21.19	1.97237e+	24.02
17	E0AE5	2.34979	16.96	2.16313e+	21.19	1.99026e+	24.02

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN081424 SAS No.: BN081424 SDG NO.: BN081424

EPA Sample No.: SSTD020212 Date Analyzed: Aug 14 2024 12:00AM

Lab File ID: BN033368.D Time Analyzed: 21:11

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	1.60682e+01	16.957	1.67336e+01	21.192	1.98419e+01	24.027
UPPER LIMIT	3213640	17.457	3346720	21.692	3968380	24.527
LOWER LIMIT	803410	16.457	836680	20.692	992095	23.527
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.: BN081424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	
SSTDICV020	1,4-Dioxane	8	0	ug/L	0				0	0	
	Benzaldehyde	20	0	ug/L	0				0	0	
	Pyridine	20	0	ug/L	0				0	0	
	Phenol	20	0	ug/L	0				0	0	
	Bis(2-chloroethyl)ether	20	0	ug/L	0				0	0	
	2-Chlorophenol	20	0	ug/L	0				0	0	
	2-Methylphenol	20	0	ug/L	0				0	0	
	2,2-oxybis(1-Chloropropane)	20	0	ug/L	0				0	0	
	Acetophenone	20	0	ug/L	0				0	0	
	4-Methylphenol	20	0	ug/L	0				0	0	
	N-Nitroso-di-n-propylamine	20	0	ug/L	0				0	0	
	Hexachloroethane	20	0	ug/L	0				0	0	
	Nitrobenzene	20	0	ug/L	0				0	0	
	Isophorone	20	0	ug/L	0				0	0	
	2-Nitrophenol	20	0	ug/L	0				0	0	
	2,4-Dimethylphenol	20	0	ug/L	0				0	0	
	Bis(2-chloroethoxy)methane	20	0	ug/L	0				0	0	
	2,4-Dichlorophenol	20	0	ug/L	0				0	0	
	Naphthalene	20	0	ug/L	0				0	0	
	4-Chloroaniline	20	0	ug/L	0				0	0	
	Hexachlorobutadiene	20	0	ug/L	0				0	0	
	Caprolactam	20	0	ug/L	0				0	0	
	4-Chloro-3-methylphenol	20	0	ug/L	0				0	0	
	1-Methylnaphthalene	20	0	ug/L	0				0	0	
	2-Methylnaphthalene	20	0	ug/L	0				0	0	
	Hexachlorocyclopentadiene	20	0	ug/L	0				0	0	
	2,4,6-Trichlorophenol	20	0	ug/L	0				0	0	
	2,4,5-Trichlorophenol	20	0	ug/L	0				0	0	
	1,1'-Biphenyl	20	0	ug/L	0				0	0	
	2-Chloronaphthalene	20	0	ug/L	0				0	0	
	2-Nitroaniline	20	0	ug/L	0				0	0	
	Dimethylphthalate	20	0	ug/L	0				0	0	
	2,6-Dinitrotoluene	20	0	ug/L	0				0	0	
	Acenaphthylene	20	0	ug/L	0				0	0	
	3-Nitroaniline	20	0	ug/L	0				0	0	
	Acenaphthene	20	0	ug/L	0				0	0	
	2,4-Dinitrophenol	20	0	ug/L	0				0	0	
	4-Nitrophenol	20	0	ug/L	0				0	0	
	Dibenzofuran	20	0	ug/L	0				0	0	
	2,4-Dinitrotoluene	20	0	ug/L	0				0	0	
	Diethylphthalate	20	0	ug/L	0				0	0	
	Fluorene	20	0	ug/L	0				0	0	
	4-Chlorophenyl-phenylether	20	0	ug/L	0				0	0	
	4-Nitroaniline	20	0	ug/L	0				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN081424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
SSTDICV020	4,6-Dinitro-2-methylphenol	20	0	ug/L	0				0	0		
	N-Nitrosodiphenylamine	20	0	ug/L	0				0	0		
	1,2,4,5-Tetrachlorobenzene	20	0	ug/L	0				0	0		
	4-Bromophenyl-phenylether	20	0	ug/L	0				0	0		
	Hexachlorobenzene	20	0	ug/L	0				0	0		
	Atrazine	20	0	ug/L	0				0	0		
	Pentachlorophenol	20	0	ug/L	0				0	0		
	Phenanthrene	20	0	ug/L	0				0	0		
	Pentachlorobenzene	20	0	ug/L	0				0	0		
	Anthracene	20	0	ug/L	0				0	0		
	1,2,3,4-Tetrachlorobenzene	20	0	ug/L	0				0	0		
	Carbazole	20	0	ug/L	0				0	0		
	Di-n-butylphthalate	20	0	ug/L	0				0	0		
	Fluoranthene	20	0	ug/L	0				0	0		
	Pyrene	20	0	ug/L	0				0	0		
	Butylbenzylphthalate	20	0	ug/L	0				0	0		
	3,3'-Dichlorobenzidine	20	0	ug/L	0				0	0		
	Benzo(a)anthracene	20	0	ug/L	0				0	0		
	Chrysene	20	0	ug/L	0				0	0		
	Bis(2-ethylhexyl)phthalate	20	0	ug/L	0				0	0		
	Di-n-octylphthalate	20	0	ug/L	0				0	0		
	Benzo(b)fluoranthene	20	0	ug/L	0				0	0		
	Benzo(k)fluoranthene	20	0	ug/L	0				0	0		
	Benzo(a)pyrene	20	0	ug/L	0				0	0		
	Indeno(1,2,3-cd)pyrene	20	0	ug/L	0				0	0		
	Dibenzo(a,h)anthracene	20	0	ug/L	0				0	0		
	Benzo(g,h,i)perylene	20	0	ug/L	0				0	0		
	2,3,4,6-Tetrachlorophenol	20	0	ug/L	0				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK636

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN081424

SAS No.: BN081424 SDG NO.: BN081424

Lab File ID: BN033376.D

Lab Sample ID: PB162636BL

Instrument ID: BNA_N

Date Extracted: 08/09/2024

Matrix: (soil/water) Water

Date Analyzed: 08/14/2024

Level: (low/med) LOW

Time Analyzed: 10:19

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0B39	P3540-02	BN033379.D	08/14/2024
C0B42	P3540-04	BN033380.D	08/14/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK649

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN081424

SAS No.: BN081424 SDG NO.: BN081424

Lab File ID: BN033387.D

Lab Sample ID: PB162649BL

Instrument ID: BNA_N

Date Extracted: 08/10/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/14/2024

Level: (low/med) LOW

Time Analyzed: 18:34

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
DCXU5	P3502-14	BN033381.D	08/14/2024
DCXU6	P3502-15	BN033382.D	08/14/2024
DCXV4	P3502-20	BN033383.D	08/14/2024
DCXV5	P3502-21	BN033384.D	08/14/2024
DCXS8	P3502-09	BN033377.D	08/14/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK679

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN081424

SAS No.: BN081424 SDG NO.: BN081424

Lab File ID: BN033375.D

Lab Sample ID: PB162679BL

Instrument ID: BNA_N

Date Extracted: 08/12/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/14/2024

Level: (low/med) LOW

Time Analyzed: 09:40

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E0AE1	P3481-01	BN033385.D	08/14/2024
E0AE2	P3481-02	BN033388.D	08/14/2024
E0AE3	P3481-03	BN033389.D	08/14/2024
E0AD7	P3481-05	BN033390.D	08/14/2024
E0AE5	P3481-11	BN033391.D	08/14/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BN081424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3540-02	C0B39	BN033379.D	1,4-Dioxane-d8	8	6.46	81		15	120
			Pyridine-d5	40	4.25	11	*	20	120
			Phenol-d5	40	8.88	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.78	74		25	120
			2-Chlorophenol-d4	40	28.83	72		20	130
			4-Methylphenol-d8	40	20.07	50		25	125
			Nitrobenzene-d5	40	32.09	80		20	125
			2-Nitrophenol-d4	40	35.62	89		20	130
			2,4-Dichlorophenol-d3	40	30.65	77		20	120
			4-Chloroaniline-d4	40	18.60	47		1	146
			Dimethylphthalate-d6	40	32.91	82		25	130
			Acenaphthylene-d8	40	31.97	80		10	130
			4-Nitrophenol-d4	40	7.90	20		10	150
			Fluorene-d10	40	32.96	82		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.58	74		10	130
			Anthracene-d10	40	33.78	84		25	130
			Pyrene-d10	40	35.49	89		15	130
			Benzo(a)pyrene-d12	40	35.96	90		20	130
P3540-04	C0B42	BN033380.D	1,4-Dioxane-d8	8	4.34	54		15	120
			Pyridine-d5	40	3.99	10	*	20	120
			Phenol-d5	40	7.24	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.88	80		25	120
			2-Chlorophenol-d4	40	27.54	69		20	130
			4-Methylphenol-d8	40	18.53	46		25	125
			Nitrobenzene-d5	40	33.36	83		20	125
			2-Nitrophenol-d4	40	34.87	87		20	130
			2,4-Dichlorophenol-d3	40	30.45	76		20	120
			4-Chloroaniline-d4	40	19.87	50		1	146
			Dimethylphthalate-d6	40	36.42	91		25	130
			Acenaphthylene-d8	40	34.79	87		10	130
			4-Nitrophenol-d4	40	6.27	16		10	150
			Fluorene-d10	40	36.08	90		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.75	64		10	130
			Anthracene-d10	40	38.47	96		25	130
			Pyrene-d10	40	38.75	97		15	130
			Benzo(a)pyrene-d12	40	38.90	97		20	130
PB162636BL	PB162636BL	BN033376.D	1,4-Dioxane-d8	8	5.82	73		15	120
			Pyridine-d5	40	27.03	68		20	120
			Phenol-d5	40	26.18	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.66	69		25	120
			2-Chlorophenol-d4	40	27.22	68		20	130
			4-Methylphenol-d8	40	25.57	64		25	125
			Nitrobenzene-d5	40	29.03	73		20	125
			2-Nitrophenol-d4	40	30.39	76		20	130
			2,4-Dichlorophenol-d3	40	27.00	68		20	120
			4-Chloroaniline-d4	40	27.50	69		1	146
			Dimethylphthalate-d6	40	29.32	73		25	130
			Acenaphthylene-d8	40	28.37	71		10	130
			4-Nitrophenol-d4	40	26.41	66		10	150



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

Surrogate Summary

SW-846

SDG No.: BN081424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162636BL	PB162636BL	BN033376.D	Fluorene-d10	40	28.37	71		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.98	57		10	130
			Anthracene-d10	40	30.00	75		25	130
			Pyrene-d10	40	30.20	75		15	130
			Benzo(a)pyrene-d12	40	28.99	72		20	130

Surrogate Summary

SW-846

SDG No.: **BN081424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3502-09	DCXS8	BN033377.D	1,4-Dioxane-d8	8	3.80	47		15	120
			Pyridine-d5	40	0.35	1	*	20	120
			Phenol-d5	40	24.55	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.54	61		10	150
			2-Chlorophenol-d4	40	25.75	64		15	120
			4-Methylphenol-d8	40	25.71	64		10	140
			Nitrobenzene-d5	40	26.29	66		10	135
			2-Nitrophenol-d4	40	28.57	71		10	120
			2,4-Dichlorophenol-d3	40	31.72	79		10	140
			4-Chloroaniline-d4	40	7.02	18		1	145
			Dimethylphthalate-d6	40	29.51	74		10	145
			Acenaphthylene-d8	40	28.50	71		15	120
			4-Nitrophenol-d4	40	28.51	71		10	150
			Fluorene-d10	40	29.97	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.98	62		10	130
			Anthracene-d10	40	29.97	75		10	150
			Pyrene-d10	40	32.81	82		10	130
			Benzo(a)pyrene-d12	40	31.05	78		10	140
P3502-09DL	DCXS8DL	BN033378.D	1,4-Dioxane-d8	8	4.05	51		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	23.38	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.80	59		10	150
			2-Chlorophenol-d4	40	24.19	60		15	120
			4-Methylphenol-d8	40	24.60	61		10	140
			Nitrobenzene-d5	40	24.32	61		10	135
			2-Nitrophenol-d4	40	23.79	59		10	120
			2,4-Dichlorophenol-d3	40	31.19	78		10	140
			4-Chloroaniline-d4	40	8.59	21		1	145
			Dimethylphthalate-d6	40	28.91	72		10	145
			Acenaphthylene-d8	40	27.94	70		15	120
			4-Nitrophenol-d4	40	25.70	64		10	150
			Fluorene-d10	40	30.43	76		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.77	42		10	130
			Anthracene-d10	40	30.27	76		10	150
			Pyrene-d10	40	32.08	80		10	130
			Benzo(a)pyrene-d12	40	31.38	78		10	140
P3502-14	DCXU5	BN033381.D	1,4-Dioxane-d8	8	2.63	33		15	120
			Pyridine-d5	40	0.58	1	*	20	120
			Phenol-d5	40	16.22	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.69	39		10	150
			2-Chlorophenol-d4	40	16.43	41		15	120
			4-Methylphenol-d8	40	12.85	32		10	140
			Nitrobenzene-d5	40	16.38	41		10	135
			2-Nitrophenol-d4	40	17.92	45		10	120
			2,4-Dichlorophenol-d3	40	17.05	43		10	140
			4-Chloroaniline-d4	40	7.71	19		1	145
			Dimethylphthalate-d6	40	17.39	43		10	145
			Acenaphthylene-d8	40	17.61	44		15	120
			4-Nitrophenol-d4	40	15.13	38		10	150

Surrogate Summary

SW-846

SDG No.: **BN081424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3502-14	DCXU5	BN033381.D	Fluorene-d10	40	17.44	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.50	34		10	130
			Anthracene-d10	40	17.26	43		10	150
			Pyrene-d10	40	18.26	46		10	130
			Benzo(a)pyrene-d12	40	17.66	44		10	140
P3502-15	DCXU6	BN033382.D	1,4-Dioxane-d8	8	2.16	27		15	120
			Pyridine-d5	40	1.69	4	*	20	120
			Phenol-d5	40	14.12	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.81	32		10	150
			2-Chlorophenol-d4	40	14.26	36		15	120
			4-Methylphenol-d8	40	11.77	29		10	140
			Nitrobenzene-d5	40	13.77	34		10	135
			2-Nitrophenol-d4	40	16.05	40		10	120
			2,4-Dichlorophenol-d3	40	15.08	38		10	140
			4-Chloroaniline-d4	40	8.06	20		1	145
			Dimethylphthalate-d6	40	15.40	39		10	145
			Acenaphthylene-d8	40	15.21	38		15	120
			4-Nitrophenol-d4	40	13.97	35		10	150
			Fluorene-d10	40	15.50	39		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.70	32		10	130
			Anthracene-d10	40	15.67	39		10	150
			Pyrene-d10	40	17.29	43		10	130
			Benzo(a)pyrene-d12	40	16.42	41		10	140
P3502-20	DCXV4	BN033383.D	1,4-Dioxane-d8	8	2.86	36		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	21.77	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.82	50		10	150
			2-Chlorophenol-d4	40	22.53	56		15	120
			4-Methylphenol-d8	40	20.36	51		10	140
			Nitrobenzene-d5	40	22.49	56		10	135
			2-Nitrophenol-d4	40	26.43	66		10	120
			2,4-Dichlorophenol-d3	40	24.25	61		10	140
			4-Chloroaniline-d4	40	1.11	3		1	145
			Dimethylphthalate-d6	40	23.00	57		10	145
			Acenaphthylene-d8	40	23.45	59		15	120
			4-Nitrophenol-d4	40	18.16	45		10	150
			Fluorene-d10	40	23.17	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.76	49		10	130
			Anthracene-d10	40	22.92	57		10	150
			Pyrene-d10	40	24.65	62		10	130
			Benzo(a)pyrene-d12	40	23.75	59		10	140
P3502-21	DCXV5	BN033384.D	1,4-Dioxane-d8	8	2.75	34		15	120
			Pyridine-d5	40	3.07	8	*	20	120
			Phenol-d5	40	20.30	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.35	43		10	150
			2-Chlorophenol-d4	40	20.54	51		15	120
			4-Methylphenol-d8	40	18.85	47		10	140
			Nitrobenzene-d5	40	19.96	50		10	135
			2-Nitrophenol-d4	40	23.78	59		10	120

Surrogate Summary

SW-846

SDG No.: BN081424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3502-21	DCXV5	BN033384.D	2,4-Dichlorophenol-d3	40	21.93	55		10	140
			4-Chloroaniline-d4	40	9.68	24		1	145
			Dimethylphthalate-d6	40	20.90	52		10	145
			Acenaphthylene-d8	40	21.27	53		15	120
			4-Nitrophenol-d4	40	19.31	48		10	150
			Fluorene-d10	40	20.60	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.62	47		10	130
			Anthracene-d10	40	20.17	50		10	150
			Pyrene-d10	40	23.13	58		10	130
			Benzo(a)pyrene-d12	40	21.88	55		10	140
PB162649BL	PB162649BL	BN033387.D	1,4-Dioxane-d8	8	5.27	66		15	120
			Pyridine-d5	40	25.44	64		20	120
			Phenol-d5	40	29.53	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.55	71		10	150
			2-Chlorophenol-d4	40	30.49	76		15	120
			4-Methylphenol-d8	40	29.84	75		10	140
			Nitrobenzene-d5	40	30.59	76		10	135
			2-Nitrophenol-d4	40	35.83	90		10	120
			2,4-Dichlorophenol-d3	40	30.84	77		10	140
			4-Chloroaniline-d4	40	26.05	65		1	145
			Dimethylphthalate-d6	40	29.35	73		10	145
			Acenaphthylene-d8	40	30.20	75		15	120
			4-Nitrophenol-d4	40	29.46	74		10	150
			Fluorene-d10	40	29.49	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.06	68		10	130
			Anthracene-d10	40	30.47	76		10	150
			Pyrene-d10	40	31.09	78		10	130
			Benzo(a)pyrene-d12	40	31.35	78		10	140

Surrogate Summary

SW-846

SDG No.: BN081424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3481-01	E0AE1	BN033385.D	1,4-Dioxane-d8	8	2.70	34		15	120
			Pyridine-d5	40	9.84	25		20	120
			Phenol-d5	40	17.26	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.30	41		10	150
			2-Chlorophenol-d4	40	18.44	46		15	120
			4-Methylphenol-d8	40	18.27	46		10	140
			Nitrobenzene-d5	40	17.72	44		10	135
			2-Nitrophenol-d4	40	20.17	50		10	120
			2,4-Dichlorophenol-d3	40	18.91	47		10	140
			4-Chloroaniline-d4	40	7.92	20		1	145
			Dimethylphthalate-d6	40	17.83	45		10	145
			Acenaphthylene-d8	40	18.34	46		15	120
			4-Nitrophenol-d4	40	13.95	35		10	150
			Fluorene-d10	40	17.88	45		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.66	29		10	130
			Anthracene-d10	40	19.18	48		10	150
			Pyrene-d10	40	19.99	50		10	130
			Benzo(a)pyrene-d12	40	19.68	49		10	140
P3481-02	E0AE2	BN033388.D	1,4-Dioxane-d8	8	4.09	51		15	120
			Pyridine-d5	40	14.79	37		20	120
			Phenol-d5	40	27.23	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.94	65		10	150
			2-Chlorophenol-d4	40	28.51	71		15	120
			4-Methylphenol-d8	40	28.81	72		10	140
			Nitrobenzene-d5	40	27.53	69		10	135
			2-Nitrophenol-d4	40	31.56	79		10	120
			2,4-Dichlorophenol-d3	40	28.63	72		10	140
			4-Chloroaniline-d4	40	14.80	37		1	145
			Dimethylphthalate-d6	40	27.84	70		10	145
			Acenaphthylene-d8	40	28.32	71		15	120
			4-Nitrophenol-d4	40	21.43	54		10	150
			Fluorene-d10	40	27.84	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.00	45		10	130
			Anthracene-d10	40	29.13	73		10	150
			Pyrene-d10	40	30.93	77		10	130
			Benzo(a)pyrene-d12	40	30.16	75		10	140
P3481-03	E0AE3	BN033389.D	1,4-Dioxane-d8	8	1.87	23		15	120
			Pyridine-d5	40	6.44	16	*	20	120
			Phenol-d5	40	10.89	27		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.58	26		10	150
			2-Chlorophenol-d4	40	11.44	29		15	120
			4-Methylphenol-d8	40	11.27	28		10	140
			Nitrobenzene-d5	40	10.96	27		10	135
			2-Nitrophenol-d4	40	11.84	30		10	120
			2,4-Dichlorophenol-d3	40	11.53	29		10	140
			4-Chloroaniline-d4	40	5.52	14		1	145
			Dimethylphthalate-d6	40	11.05	28		10	145
			Acenaphthylene-d8	40	11.38	28		15	120
			4-Nitrophenol-d4	40	7.51	19		10	150

Surrogate Summary

SW-846

SDG No.: BN081424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3481-03	E0AE3	BN033389.D	Fluorene-d10	40	11.20	28		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.73	14		10	130
			Anthracene-d10	40	11.65	29		10	150
			Pyrene-d10	40	12.43	31		10	130
			Benzo(a)pyrene-d12	40	11.45	29		10	140
P3481-05	E0AD7	BN033390.D	1,4-Dioxane-d8	8	2.89	36		15	120
			Pyridine-d5	40	9.78	24		20	120
			Phenol-d5	40	16.78	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.55	41		10	150
			2-Chlorophenol-d4	40	17.70	44		15	120
			4-Methylphenol-d8	40	17.10	43		10	140
			Nitrobenzene-d5	40	17.74	44		10	135
			2-Nitrophenol-d4	40	19.91	50		10	120
			2,4-Dichlorophenol-d3	40	17.66	44		10	140
			4-Chloroaniline-d4	40	8.98	22		1	145
			Dimethylphthalate-d6	40	16.63	42		10	145
			Acenaphthylene-d8	40	17.03	43		15	120
			4-Nitrophenol-d4	40	10.86	27		10	150
			Fluorene-d10	40	16.78	42		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.15	23		10	130
			Anthracene-d10	40	17.36	43		10	150
			Pyrene-d10	40	18.94	47		10	130
			Benzo(a)pyrene-d12	40	17.56	44		10	140
P3481-11	E0AE5	BN033391.D	1,4-Dioxane-d8	8	2.94	37		15	120
			Pyridine-d5	40	10.41	26		20	120
			Phenol-d5	40	17.92	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.01	45		10	150
			2-Chlorophenol-d4	40	19.43	49		15	120
			4-Methylphenol-d8	40	18.78	47		10	140
			Nitrobenzene-d5	40	19.57	49		10	135
			2-Nitrophenol-d4	40	21.47	54		10	120
			2,4-Dichlorophenol-d3	40	19.50	49		10	140
			4-Chloroaniline-d4	40	10.50	26		1	145
			Dimethylphthalate-d6	40	18.31	46		10	145
			Acenaphthylene-d8	40	18.88	47		15	120
			4-Nitrophenol-d4	40	12.32	31		10	150
			Fluorene-d10	40	18.39	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.37	26		10	130
			Anthracene-d10	40	19.34	48		10	150
			Pyrene-d10	40	21.09	53		10	130
			Benzo(a)pyrene-d12	40	20.42	51		10	140
PB162679BL	PB162679BL	BN033375.D	Pyridine-d5	40	25.32	63		20	120
			1,4-Dioxane-d8	8	5.40	68		15	120
			Phenol-d5	40	25.52	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.48	69		10	150
			2-Chlorophenol-d4	40	27.17	68		15	120
			4-Methylphenol-d8	40	25.42	64		10	140
			Nitrobenzene-d5	40	29.24	73		10	135
			2-Nitrophenol-d4	40	30.65	77		10	120

Surrogate Summary

SW-846

SDG No.: BN081424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162679BL	PB162679BL	BN033375.D	2,4-Dichlorophenol-d3	40	26.73	67		10	140
			4-Chloroaniline-d4	40	24.87	62		1	145
			Dimethylphthalate-d6	40	29.03	73		10	145
			Acenaphthylene-d8	40	27.83	70		15	120
			4-Nitrophenol-d4	40	26.43	66		10	150
			Fluorene-d10	40	28.74	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.96	57		10	130
			Anthracene-d10	40	29.01	73		10	150
			Pyrene-d10	40	29.66	74		10	130
			Benzo(a)pyrene-d12	40	27.69	69		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN081424

Lab Code: CHEM

SAS No.: BN081424 SDG NO.: BN081424

Lab File ID: BN033365.D

DFTPP Injection Date: 08/13/2024

Instrument ID: BNA_N

DFTPP Injection Time: 16:10

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	40.4
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	39.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	48.5
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	10.6
442	Greater than 50% of mass 198	66.8
443	15.0 - 24.0% of mass 442	12.3 (18.4) 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
SSTD005210	SSTD00574	BN033366.D	08/13/2024	16:52
SSTD010211	SSTD01075	BN033367.D	08/13/2024	17:31
SSTD020212	SSTD02076	BN033368.D	08/13/2024	18:10
SSTD040213	SSTD04077	BN033369.D	08/13/2024	18:49
SSTD080214	SSTD08078	BN033370.D	08/13/2024	19:29
SSTD160215	SSTD16079	BN033371.D	08/13/2024	20:08
SICV216	SSTDICV020	BN033372.D	08/13/2024	20:48

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN081424

Lab Code: CHEM

SAS No.: BN081424 SDG NO.: BN081424

Lab File ID: BN033373.D

DFTPP Injection Date: 08/14/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38.2
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	39.1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	48.6
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	10.1
442	Greater than 50% of mass 198	67.5
443	15.0 - 24.0% of mass 442	13.3 (19.7) 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
SSTD020308	SSTDCCC020	BN033374.D	08/14/2024	09:00
SBLK679	PB162679BL	BN033375.D	08/14/2024	09:40
SBLK636	PB162636BL	BN033376.D	08/14/2024	10:19
DCXS8	P3502-09	BN033377.D	08/14/2024	11:07
DCXS8DL	P3502-09DL	BN033378.D	08/14/2024	11:52
C0B39	P3540-02	BN033379.D	08/14/2024	12:41
C0B42	P3540-04	BN033380.D	08/14/2024	13:20
DCXU5	P3502-14	BN033381.D	08/14/2024	13:59
DCXU6	P3502-15	BN033382.D	08/14/2024	14:38
DCXV4	P3502-20	BN033383.D	08/14/2024	15:18
DCXV5	P3502-21	BN033384.D	08/14/2024	15:57
E0AE1	P3481-01	BN033385.D	08/14/2024	16:36
SSTD020309	SSTDCCC020EC	BN033386.D	08/14/2024	17:55
SBLK649	PB162649BL	BN033387.D	08/14/2024	18:34
E0AE2	P3481-02	BN033388.D	08/14/2024	19:13
E0AE3	P3481-03	BN033389.D	08/14/2024	19:52
E0AD7	P3481-05	BN033390.D	08/14/2024	20:32
E0AE5	P3481-11	BN033391.D	08/14/2024	21:11