

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN100724 SAS No.: BN100724 SDG No.: BN100724

Instrument ID: BNA_N Calibration Date/Time: 10/7/2024 11:17

Lab File ID: BN034434.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020337 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.517	0.521	0.010	0.7073	40.0
Benzaldehyde	0.937	0.793	0.010	-15.3738	40.0
Pyridine	1.491	1.272	0.010	-14.6796	40.0
Phenol	1.848	1.486	0.080	-19.5963	20.0
Bis(2-Chloroethyl)ether	1.436	1.279	0.100	-10.9428	20.0
2-Chlorophenol	1.432	1.345	0.200	-6.038	20.0
2-Methylphenol	1.381	1.155	0.010	-16.3656	20.0
2,2-oxybis(1-Chloropropane)	2.118	1.709	0.010	-19.2985	40.0
Acetophenone	2.314	1.879	0.060	-18.7887	20.0
4-Methylphenol	1.537	1.246	0.010	-18.9507	20.0
N-Nitroso-di-n-propylamine	1.146	0.890	0.050	-22.2764	30.0
Hexachloroethane	0.604	0.573	0.100	-5.1685	20.0
Nitrobenzene	0.399	0.354	0.050	-11.2004	25.0
Isophorone	0.736	0.624	0.050	-15.1661	25.0
2-Nitrophenol	0.183	0.173	0.050	-5.539	25.0
2,4-Dimethylphenol	0.377	0.337	0.050	-10.7248	25.0
Bis(2-Chloroethoxy)methane	0.453	0.421	0.050	-6.9462	20.0
2,4-Dichlorophenol	0.313	0.309	0.060	-1.1985	20.0
Naphthalene	1.094	1.066	0.200	-2.572	20.0
4-Chloroaniline	0.461	0.397	0.010	-13.8192	40.0
Hexachlorobutadiene	0.201	0.208	0.040	3.7892	30.0
Caprolactam	0.124	0.121	0.010	-2.94	40.0
4-Chloro-3-methylphenol	0.368	0.303	0.040	-17.5952	25.0
1-Methylnaphthalene	0.763	0.735	0.100	-3.5759	20.0
2-Methylnaphthalene	0.754	0.713	0.100	-5.4015	20.0
Hexachlorocyclopentadiene	0.355	0.332	0.010	-6.6741	40.0
2,4,6-Trichlorophenol	0.383	0.373	0.090	-2.5003	25.0
2,4,5-Trichlorophenol	0.420	0.411	0.100	-2.3019	25.0
1,1-Biphenyl	1.508	1.485	0.200	-1.5297	20.0
2-Chloronaphthalene	1.175	1.169	0.300	-0.5003	20.0
2-Nitroaniline	0.380	0.289	0.050	-23.903	40.0
Dimethylphthalate	1.523	1.476	0.300	-3.1067	20.0
2,6-Dinitrotoluene	0.300	0.281	0.080	-6.418	30.0
Acenaphthylene	1.840	1.899	0.400	3.221	20.0
3-Nitroaniline	0.331	0.263	0.010	-20.6673	40.0
Acenaphthene	1.314	1.268	0.200	-3.4712	20.0
2,4-Dinitrophenol	0.176	0.135	0.010	-23.7479	40.0
4-Nitrophenol	0.261	0.234	0.010	-10.1718	40.0
Dibenzofuran	1.796	1.760	0.300	-2.0478	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN100724 SAS No.: BN100724 SDG No.: BN100724

Instrument ID: BNA_N Calibration Date/Time: 10/7/2024 11:17

Lab File ID: BN034434.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020337 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.452	0.423	0.070	-6.3521	30.0
Diethylphthalate	1.592	1.506	0.300	-5.3912	20.0
Fluorene	1.469	1.420	0.200	-3.3944	20.0
4-Chlorophenyl-phenylether	0.712	0.710	0.100	-0.3298	20.0
4-Nitroaniline	0.341	0.249	0.010	-27.0202	40.0
4,6-Dinitro-2-methylphenol	0.132	0.108	0.010	-18.1273	40.0
N-Nitrosodiphenylamine	0.599	0.582	0.050	-2.886	20.0
1,2,4,5-Tetrachlorobenzene	0.577	0.612	0.100	5.9781	20.0
4-Bromophenyl-phenylether	0.203	0.209	0.070	2.83	20.0
Hexachlorobenzene	0.236	0.247	0.050	4.6948	25.0
Atrazine	0.217	0.179	0.010	-17.7122	25.0
Pentachlorophenol	0.157	0.137	0.010	-12.4261	40.0
Phenanthrene	1.103	1.074	0.200	-2.5825	20.0
Pentachlorobenzene	0.283	0.286	0.050	1.0057	20.0
Anthracene	1.126	1.092	0.200	-3.029	20.0
1,2,3,4-Tetrachlorobenzene	0.278	0.284	0.050	2.1715	20.0
Carbazole	1.036	0.985	0.050	-4.9403	40.0
Di-n-butylphthalate	1.318	1.217	0.500	-7.6266	25.0
Fluoranthene	1.303	1.335	0.400	2.4788	25.0
Pyrene	1.400	1.392	0.400	-0.5818	25.0
Butylbenzylphthalate	0.628	0.546	0.100	-13.0533	40.0
3,3-Dichlorobenzidine	0.449	0.389	0.010	-13.3749	40.0
Benzo (a) anthracene	1.426	1.365	0.300	-4.2591	30.0
Chrysene	1.361	1.281	0.200	-5.8355	30.0
Bis(2-ethylhexyl)phthalate	0.919	0.826	0.200	-10.1693	40.0
Di-n-octyl phthalate	1.331	1.221	0.010	-8.2654	40.0
Benzo (b) fluoranthene	1.219	1.248	0.200	2.3842	25.0
Benzo (k) fluoranthene	1.203	1.270	0.200	5.5458	25.0
Benzo (a) pyrene	1.152	1.158	0.200	0.5288	20.0
Indeno (1,2,3-cd) pyrene	1.427	1.322	0.200	-7.3849	25.0
Dibenzo (a,h) anthracene	1.154	1.080	0.200	-6.3884	30.0
Benzo (g,h,i) perylene	1.108	1.060	0.200	-4.3431	30.0
2,3,4,6-Tetrachlorophenol	0.349	0.360	0.040	3.2483	20.0
1,4-Dioxane-d8	0.490	0.478	0.010	-2.5698	25.0
Pyridine-d5	1.457	1.218	0.010	-16.379	40.0
Phenol-d5	1.775	1.464	0.010	-17.524	25.0
Bis- (2-Chloroethyl) ether-d8	1.101	0.908	0.050	-17.5598	25.0
2-Chlorophenol-d4	1.397	1.329	0.200	-4.9112	20.0
4-Methylphenol-d8	1.461	1.217	0.010	-16.6846	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BN100724 SAS No.: BN100724 SDG No.: BN100724
 Instrument ID: BNA_N Calibration Date/Time: 10/7/2024 11:17
 Lab File ID: BN034434.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020337 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.153	0.050	-4.2812	20.0
2-Nitrophenol-d4	0.164	0.157	0.050	-4.0991	30.0
2,4-Dichlorophenol-d3	0.309	0.309	0.060	0.0981	20.0
4-Chloroaniline-d4	0.467	0.412	0.010	-11.7792	40.0
Dimethylphthalate-d6	1.495	1.452	0.300	-2.8652	20.0
Acenaphthylene-d8	1.681	1.642	0.400	-2.3667	20.0
4-Nitrophenol-d4	0.307	0.230	0.010	-25.1362	40.0
Fluorene-d10	1.267	1.237	0.100	-2.326	20.0
4,6-Dinitro-2-methylphenol-d2	0.119	0.097	0.010	-18.2614	40.0
Anthracene-d10	0.940	0.921	0.300	-2.0429	20.0
Pyrene-d10	1.114	1.124	0.300	0.8319	25.0
Benzo(a)pyrene-d12	1.027	0.972	0.010	-5.4035	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.: BN100724 SAS No.: BN100724 SDG No.: BN100724

Instrument ID: BNA_N Calibration Date/Time: 10/7/2024 1:17:36

Lab File ID: BN034442.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020338 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.517	0.507	0.010	-1.9537	40.0
Benzaldehyde	0.937	0.817	0.010	-12.7941	40.0
Pyridine	1.491	1.248	0.010	-16.2852	40.0
Phenol	1.848	1.538	0.080	-16.7777	20.0
Bis(2-Chloroethyl)ether	1.436	1.267	0.100	-11.815	20.0
2-Chlorophenol	1.432	1.349	0.200	-5.779	20.0
2-Methylphenol	1.381	1.205	0.010	-12.7665	20.0
2,2-oxybis(1-Chloropropane)	2.118	1.685	0.010	-20.4524	40.0
Acetophenone	2.314	1.876	0.060	-18.9111	20.0
4-Methylphenol	1.537	1.278	0.010	-16.8544	20.0
N-Nitroso-di-n-propylamine	1.146	0.904	0.050	-21.1172	30.0
Hexachloroethane	0.604	0.571	0.100	-5.3873	20.0
Nitrobenzene	0.399	0.358	0.050	-10.3596	25.0
Isophorone	0.736	0.649	0.050	-11.8203	25.0
2-Nitrophenol	0.183	0.186	0.050	1.4541	25.0
2,4-Dimethylphenol	0.377	0.338	0.050	-10.3721	25.0
Bis(2-Chloroethoxy)methane	0.453	0.419	0.050	-7.3619	20.0
2,4-Dichlorophenol	0.313	0.308	0.060	-1.3652	20.0
Naphthalene	1.094	1.063	0.200	-2.8571	20.0
4-Chloroaniline	0.461	0.400	0.010	-13.194	40.0
Hexachlorobutadiene	0.201	0.201	0.040	0.3505	30.0
Caprolactam	0.124	0.129	0.010	4.0203	40.0
4-Chloro-3-methylphenol	0.368	0.311	0.040	-15.4988	25.0
1-Methylnaphthalene	0.763	0.716	0.100	-6.1518	20.0
2-Methylnaphthalene	0.754	0.706	0.100	-6.3421	20.0
Hexachlorocyclopentadiene	0.355	0.310	0.010	-12.7763	40.0
2,4,6-Trichlorophenol	0.383	0.405	0.090	5.8298	25.0
2,4,5-Trichlorophenol	0.420	0.428	0.100	1.6896	25.0
1,1-Biphenyl	1.508	1.470	0.200	-2.5009	20.0
2-Chloronaphthalene	1.175	1.159	0.300	-1.3592	20.0
2-Nitroaniline	0.380	0.303	0.050	-20.0521	40.0
Dimethylphthalate	1.523	1.453	0.300	-4.6497	20.0
2,6-Dinitrotoluene	0.300	0.295	0.080	-1.5234	30.0
Acenaphthylene	1.840	1.889	0.400	2.6833	20.0
3-Nitroaniline	0.331	0.289	0.010	-12.7558	40.0
Acenaphthene	1.314	1.255	0.200	-4.4257	20.0
2,4-Dinitrophenol	0.176	0.163	0.010	-7.8419	40.0
4-Nitrophenol	0.261	0.238	0.010	-8.6836	40.0
Dibenzofuran	1.796	1.697	0.300	-5.5277	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN100724 SAS No.: BN100724 SDG No.: BN100724

Instrument ID: BNA_N Calibration Date/Time: 10/7/2024 1:17:36

Lab File ID: BN034442.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020338 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.452	0.421	0.070	-6.959	30.0
Diethylphthalate	1.592	1.455	0.300	-8.6061	20.0
Fluorene	1.469	1.373	0.200	-6.5331	20.0
4-Chlorophenyl-phenylether	0.712	0.675	0.100	-5.2687	20.0
4-Nitroaniline	0.341	0.281	0.010	-17.6203	40.0
4,6-Dinitro-2-methylphenol	0.132	0.119	0.010	-10.4387	40.0
N-Nitrosodiphenylamine	0.599	0.606	0.050	1.0483	20.0
1,2,4,5-Tetrachlorobenzene	0.577	0.607	0.100	5.1696	20.0
4-Bromophenyl-phenylether	0.203	0.225	0.070	10.9974	20.0
Hexachlorobenzene	0.236	0.261	0.050	10.6038	25.0
Atrazine	0.217	0.192	0.010	-11.3658	25.0
Pentachlorophenol	0.157	0.157	0.010	0.1999	40.0
Phenanthrene	1.103	1.061	0.200	-3.7852	20.0
Pentachlorobenzene	0.283	0.308	0.050	8.7257	20.0
Anthracene	1.126	1.093	0.200	-2.9294	20.0
1,2,3,4-Tetrachlorobenzene	0.278	0.307	0.050	10.4291	20.0
Carbazole	1.036	0.983	0.050	-5.143	40.0
Di-n-butylphthalate	1.318	1.254	0.500	-4.8531	25.0
Fluoranthene	1.303	1.506	0.400	15.5729	25.0
Pyrene	1.400	1.533	0.400	9.4359	25.0
Butylbenzylphthalate	0.628	0.679	0.100	8.0615	40.0
3,3-Dichlorobenzidine	0.449	0.412	0.010	-8.2663	40.0
Benzo (a) anthracene	1.426	1.378	0.300	-3.37	30.0
Chrysene	1.361	1.315	0.200	-3.3577	30.0
Bis(2-ethylhexyl)phthalate	0.919	1.018	0.200	10.7266	40.0
Di-n-octyl phthalate	1.331	1.424	0.010	6.9854	40.0
Benzo (b) fluoranthene	1.219	1.174	0.200	-3.7113	25.0
Benzo (k) fluoranthene	1.203	1.215	0.200	1.0412	25.0
Benzo (a) pyrene	1.152	1.140	0.200	-1.0351	20.0
Indeno (1,2,3-cd) pyrene	1.427	1.477	0.200	3.4761	25.0
Dibenzo (a,h) anthracene	1.154	1.213	0.200	5.1466	30.0
Benzo (g,h,i) perylene	1.108	1.221	0.200	10.2173	30.0
2,3,4,6-Tetrachlorophenol	0.349	0.365	0.040	4.7365	20.0
1,4-Dioxane-d8	0.490	0.464	0.010	-5.2355	25.0
Pyridine-d5	1.457	1.206	0.010	-17.2254	40.0
Phenol-d5	1.775	1.520	0.010	-14.387	25.0
Bis- (2-Chloroethyl) ether-d8	1.101	0.921	0.050	-16.4038	25.0
2-Chlorophenol-d4	1.397	1.366	0.200	-2.2419	20.0
4-Methylphenol-d8	1.461	1.271	0.010	-12.9965	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN100724 SAS No.: BN100724 SDG No.: BN100724

Instrument ID: BNA_N Calibration Date/Time: 10/7/2024 17:36

Lab File ID: BN034442.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020338 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.162	0.050	1.8358	20.0
2-Nitrophenol-d4	0.164	0.177	0.050	7.8022	30.0
2,4-Dichlorophenol-d3	0.309	0.320	0.060	3.5056	20.0
4-Chloroaniline-d4	0.467	0.422	0.010	-9.756	40.0
Dimethylphthalate-d6	1.495	1.427	0.300	-4.5395	20.0
Acenaphthylene-d8	1.681	1.680	0.400	-0.0853	20.0
4-Nitrophenol-d4	0.307	0.247	0.010	-19.363	40.0
Fluorene-d10	1.267	1.206	0.100	-4.7747	20.0
4,6-Dinitro-2-methylphenol-d2	0.119	0.106	0.010	-11.2191	40.0
Anthracene-d10	0.940	0.917	0.300	-2.5145	20.0
Pyrene-d10	1.114	1.228	0.300	10.2026	25.0
Benzo(a)pyrene-d12	1.027	0.990	0.010	-3.63	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.: BN100724 SAS No.: BN100724 SDG No.: BN100724

Instrument ID: BNA_N Calibration Date/Time: 10/8/2024 1:04:05

Lab File ID: BN034457.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020339 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.517	0.456	0.010	-11.7626	40.0
Benzaldehyde	0.937	0.818	0.010	-12.7261	40.0
Pyridine	1.491	1.189	0.010	-20.2734	40.0
Phenol	1.848	1.495	0.080	-19.1066	20.0
Bis(2-Chloroethyl)ether	1.436	1.288	0.100	-10.3396	20.0
2-Chlorophenol	1.432	1.351	0.200	-5.6432	20.0
2-Methylphenol	1.381	1.223	0.010	-11.4735	20.0
2,2-oxybis(1-Chloropropane)	2.118	1.699	0.010	-19.8085	40.0
Acetophenone	2.314	1.898	0.060	-17.9576	20.0
4-Methylphenol	1.537	1.307	0.010	-14.958	20.0
N-Nitroso-di-n-propylamine	1.146	0.934	0.050	-18.4878	30.0
Hexachloroethane	0.604	0.576	0.100	-4.6498	20.0
Nitrobenzene	0.399	0.354	0.050	-11.399	25.0
Isophorone	0.736	0.663	0.050	-9.8778	25.0
2-Nitrophenol	0.183	0.188	0.050	2.6819	25.0
2,4-Dimethylphenol	0.377	0.342	0.050	-9.3743	25.0
Bis(2-Chloroethoxy)methane	0.453	0.425	0.050	-6.035	20.0
2,4-Dichlorophenol	0.313	0.320	0.060	2.2706	20.0
Naphthalene	1.094	1.057	0.200	-3.4128	20.0
4-Chloroaniline	0.461	0.410	0.010	-11.0035	40.0
Hexachlorobutadiene	0.201	0.209	0.040	4.4328	30.0
Caprolactam	0.124	0.133	0.010	6.4727	40.0
4-Chloro-3-methylphenol	0.368	0.322	0.040	-12.4034	25.0
1-Methylnaphthalene	0.763	0.742	0.100	-2.7243	20.0
2-Methylnaphthalene	0.754	0.716	0.100	-5.0144	20.0
Hexachlorocyclopentadiene	0.355	0.227	0.010	-36.0912	40.0
2,4,6-Trichlorophenol	0.383	0.404	0.090	5.5368	25.0
2,4,5-Trichlorophenol	0.420	0.432	0.100	2.7675	25.0
1,1-Biphenyl	1.508	1.476	0.200	-2.1278	20.0
2-Chloronaphthalene	1.175	1.176	0.300	0.0863	20.0
2-Nitroaniline	0.380	0.311	0.050	-18.1354	40.0
Dimethylphthalate	1.523	1.463	0.300	-3.9446	20.0
2,6-Dinitrotoluene	0.300	0.307	0.080	2.4778	30.0
Acenaphthylene	1.840	1.880	0.400	2.1803	20.0
3-Nitroaniline	0.331	0.301	0.010	-9.0739	40.0
Acenaphthene	1.314	1.235	0.200	-6.0129	20.0
2,4-Dinitrophenol	0.176	0.134	0.010	-23.8966	40.0
4-Nitrophenol	0.261	0.235	0.010	-9.7985	40.0
Dibenzofuran	1.796	1.697	0.300	-5.5125	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN100724 SAS No.: BN100724 SDG No.: BN100724

Instrument ID: BNA_N Calibration Date/Time: 10/8/2024 1:04:05

Lab File ID: BN034457.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020339 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.452	0.431	0.070	-4.6698	30.0
Diethylphthalate	1.592	1.506	0.300	-5.4182	20.0
Fluorene	1.469	1.393	0.200	-5.1877	20.0
4-Chlorophenyl-phenylether	0.712	0.692	0.100	-2.7866	20.0
4-Nitroaniline	0.341	0.296	0.010	-13.3423	40.0
4,6-Dinitro-2-methylphenol	0.132	0.104	0.010	-21.1992	40.0
N-Nitrosodiphenylamine	0.599	0.610	0.050	1.7642	20.0
1,2,4,5-Tetrachlorobenzene	0.577	0.627	0.100	8.6248	20.0
4-Bromophenyl-phenylether	0.203	0.231	0.070	13.775	20.0
Hexachlorobenzene	0.236	0.266	0.050	12.722	25.0
Atrazine	0.217	0.202	0.010	-6.7927	25.0
Pentachlorophenol	0.157	0.157	0.010	-0.3074	40.0
Phenanthrene	1.103	1.084	0.200	-1.6806	20.0
Pentachlorobenzene	0.283	0.319	0.050	12.4505	20.0
Anthracene	1.126	1.110	0.200	-1.4682	20.0
1,2,3,4-Tetrachlorobenzene	0.278	0.313	0.050	12.4312	20.0
Carbazole	1.036	0.968	0.050	-6.5748	40.0
Di-n-butylphthalate	1.318	1.325	0.500	0.5457	25.0
Fluoranthene	1.303	1.628	0.400	24.995	25.0
Pyrene	1.400	1.609	0.400	14.9023	25.0
Butylbenzylphthalate	0.628	0.748	0.100	19.1173	40.0
3,3-Dichlorobenzidine	0.449	0.369	0.010	-17.9567	40.0
Benzo (a) anthracene	1.426	1.393	0.300	-2.3432	30.0
Chrysene	1.361	1.324	0.200	-2.6943	30.0
Bis(2-ethylhexyl)phthalate	0.919	1.098	0.200	19.3901	40.0
Di-n-octyl phthalate	1.331	1.521	0.010	14.319	40.0
Benzo (b) fluoranthene	1.219	1.205	0.200	-1.1973	25.0
Benzo (k) fluoranthene	1.203	1.201	0.200	-0.1249	25.0
Benzo (a) pyrene	1.152	1.139	0.200	-1.1333	20.0
Indeno (1,2,3-cd) pyrene	1.427	1.467	0.200	2.8013	25.0
Dibenzo (a,h) anthracene	1.154	1.194	0.200	3.4937	30.0
Benzo (g,h,i) perylene	1.108	1.195	0.200	7.848	30.0
2,3,4,6-Tetrachlorophenol	0.349	0.360	0.040	3.1484	20.0
1,4-Dioxane-d8	0.490	0.426	0.010	-13.037	25.0
Pyridine-d5	1.457	1.156	0.010	-20.6514	40.0
Phenol-d5	1.775	1.543	0.010	-13.0627	25.0
Bis- (2-Chloroethyl) ether-d8	1.101	0.908	0.050	-17.5796	25.0
2-Chlorophenol-d4	1.397	1.373	0.200	-1.7149	20.0
4-Methylphenol-d8	1.461	1.268	0.010	-13.2004	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN100724 SAS No.: BN100724 SDG No.: BN100724

Instrument ID: BNA_N Calibration Date/Time: 10/8/2024 1:04:05

Lab File ID: BN034457.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020339 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.165	0.050	3.2496	20.0
2-Nitrophenol-d4	0.164	0.178	0.050	8.6219	30.0
2,4-Dichlorophenol-d3	0.309	0.328	0.060	6.0959	20.0
4-Chloroaniline-d4	0.467	0.427	0.010	-8.6956	40.0
Dimethylphthalate-d6	1.495	1.464	0.300	-2.0244	20.0
Acenaphthylene-d8	1.681	1.707	0.400	1.5181	20.0
4-Nitrophenol-d4	0.307	0.240	0.010	-21.6994	40.0
Fluorene-d10	1.267	1.220	0.100	-3.6801	20.0
4,6-Dinitro-2-methylphenol-d2	0.119	0.098	0.010	-17.7761	40.0
Anthracene-d10	0.940	0.936	0.300	-0.507	20.0
Pyrene-d10	1.114	1.318	0.300	18.2793	25.0
Benzo(a)pyrene-d12	1.027	1.007	0.010	-1.9515	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	SBLK648	SDG No.:	BN100724
Lab Sample ID:	PB163648BL	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
BN034435.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

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:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	SBLK648	SDG No.:	BN100724
Lab Sample ID:	PB163648BL	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
BN034435.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

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:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	SBLK648	SDG No.:	BN100724
Lab Sample ID:	PB163648BL	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
BN034435.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

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	5.109		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	20.946		20-120		52	SPK: -40
4165-62-2	Phenol-d5	20.767		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.253		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.946		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	20.548		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	24.486		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.5		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.418		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.959		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.746		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	24.344		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.076		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	24.444		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	SBLK648	SDG No.:	BN100724
Lab Sample ID:	PB163648BL	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
BN034435.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.955		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	24.698		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	26.826		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.154		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	235819	7.375				
1146-65-2	Naphthalene-d8	929877	10.134				
15067-26-2	Acenaphthene-d10	575204	14.028				
1517-22-2	Phenanthrene-d10	1183013	16.786				
1719-03-5	Chrysene-d12	1039694	21.021				
1520-96-3	Perylene-d12	1093892	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EH3	SDG No.:	BN100724
Lab Sample ID:	P4109-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034436.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

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

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EH3	SDG No.:	BN100724
Lab Sample ID:	P4109-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034436.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	75	U	75	69.1	280	ug/Kg
91-58-7	2-Chloronaphthalene	72	U	72	69.1	280	ug/Kg
88-74-4	2-Nitroaniline	36	U	36	69.1	280	ug/Kg
131-11-3	Dimethylphthalate	62	U	62	69.1	280	ug/Kg
606-20-2	2,6-Dinitrotoluene	42	U	42	69.1	280	ug/Kg
208-96-8	Acenaphthylene	75	U	75	69.1	280	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	130	540	ug/Kg
83-32-9	Acenaphthene	81	U	81	69.1	280	ug/Kg
51-28-5	2,4-Dinitrophenol	52	U	52	130	540	ug/Kg
100-02-7	4-Nitrophenol	18	U	18	130	540	ug/Kg
132-64-9	Dibenzofuran	65	U	65	69.1	280	ug/Kg
121-14-2	2,4-Dinitrotoluene	21	U	21	69.1	280	ug/Kg
84-66-2	Diethylphthalate	67	U	67	69.1	280	ug/Kg
86-73-7	Fluorene	94	U	94	69.1	280	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	78	U	78	69.1	280	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	130	540	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	63	U	63	130	540	ug/Kg
86-30-6	N-Nitrosodiphenylamine	73	U	73	69.1	280	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	73	U	73	69.1	280	ug/Kg
101-55-3	4-Bromophenyl-phenylether	160	U	160	69.1	280	ug/Kg
118-74-1	Hexachlorobenzene	81	U	81	69.1	280	ug/Kg
1912-24-9	Atrazine	18	U	18	130	540	ug/Kg
87-86-5	Pentachlorophenol	62	U	62	130	540	ug/Kg
85-01-8	Phenanthrene	580		86	69.1	280	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	69.1	280	ug/Kg
120-12-7	Anthracene	110	J	76	69.1	280	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	9.1	U	9.1	69.1	280	ug/Kg
86-74-8	Carbazole	99	U	99	130	540	ug/Kg
84-74-2	Di-n-butylphthalate	93	U	93	69.1	280	ug/Kg
206-44-0	Fluoranthene	1200		73	130	280	ug/Kg

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EH3	SDG No.:	BN100724
Lab Sample ID:	P4109-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034436.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	730		75	69.1	280	ug/Kg
85-68-7	Butylbenzylphthalate	70	U	70	69.1	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	41	U	41	130	540	ug/Kg
56-55-3	Benzo(a)anthracene	500		63	69.1	280	ug/Kg
218-01-9	Chrysene	610		75	69.1	280	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	440		70	69.1	280	ug/Kg
117-84-0	Di-n-octyl phthalate	70	U	70	130	540	ug/Kg
205-99-2	Benzo(b)fluoranthene	770		78	69.1	280	ug/Kg
207-08-9	Benzo(k)fluoranthene	260	J	94	69.1	280	ug/Kg
50-32-8	Benzo(a)pyrene	240	J	93	69.1	280	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220	J	73	69.1	280	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	98	J	85	69.1	280	ug/Kg
191-24-2	Benzo(g,h,i)perylene	75	U	75	69.1	280	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	85	U	85	69.1	280	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.259		15-120		28	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	9.662		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.399		10-150		26	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.537		15-120		29	SPK: -40
190780-66-6	4-Methylphenol-d8	7.278		10-140		18	SPK: -40
4165-60-0	Nitrobenzene-d5	11.987		10-135		30	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.986		10-120		30	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.78		10-140		29	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.828		1-145		7	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.938		10-145		32	SPK: -40
93951-97-4	Acenaphthylene-d8	12.658		15-120		32	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.44		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	13.153		20-140		33	SPK: -40

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EH3	SDG No.:	BN100724
Lab Sample ID:	P4109-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034436.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.222		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	13.275		10-150		33	SPK: -40
1718-52-1	Pyrene-d10	11.412		10-130		29	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.687		10-140		19	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	248397	7.375				
1146-65-2	Naphthalene-d8	950316	10.128				
15067-26-2	Acenaphthene-d10	556438	14.028				
1517-22-2	Phenanthrene-d10	1070221	16.786				
1719-03-5	Chrysene-d12	975502	21.021				
1520-96-3	Perylene-d12	1261412	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	180	J			15.41	
000057-10-3	n-Hexadecanoic acid	410	J			17.722	
000203-64-5	4H-Cyclopenta[def]phenanthrene	190	J			17.857	
	(DEL) Alkane: Straight-Chain20.763	180	J			20.763	
015594-90-8	1-Heneicosanol	190	J			21.786	
	(DEL) Alkane: Straight-Chain23.015	180	J			23.015	
E966796	Total Alkanes	360				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EH6	SDG No.:	BN100724
Lab Sample ID:	P4109-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.7
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
BN034437.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	21	U	21	11.3	110	ug/Kg
100-52-7	Benzaldehyde	82	U	82	140	560	ug/Kg
110-86-1	Pyridine	21	U	21	280	560	ug/Kg
108-95-2	Phenol	77	U	77	140	560	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	60	U	60	140	560	ug/Kg
95-57-8	2-Chlorophenol	38	U	38	72.7	290	ug/Kg
95-48-7	2-Methylphenol	67	U	67	140	560	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	50	U	50	140	560	ug/Kg
98-86-2	Acetophenone	160	J	100	140	560	ug/Kg
106-44-5	4-Methylphenol	70	U	70	140	560	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	63	U	63	72.7	290	ug/Kg
67-72-1	Hexachloroethane	27	U	27	72.7	290	ug/Kg
98-95-3	Nitrobenzene	46	U	46	72.7	290	ug/Kg
78-59-1	Isophorone	62	U	62	72.7	290	ug/Kg
88-75-5	2-Nitrophenol	51	U	51	72.7	290	ug/Kg
105-67-9	2,4-Dimethylphenol	15	U	15	72.7	290	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	72.7	290	ug/Kg
120-83-2	2,4-Dichlorophenol	58	U	58	72.7	290	ug/Kg
91-20-3	Naphthalene	56	U	56	72.7	290	ug/Kg
106-47-8	4-Chloroaniline	75	U	75	72.7	560	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	72.7	290	ug/Kg
105-60-2	Caprolactam	68	U	68	140	560	ug/Kg
59-50-7	4-Chloro-3-methylphenol	62	U	62	72.7	290	ug/Kg
90-12-0	1-Methylnaphthalene	32	U	32	72.7	290	ug/Kg
91-57-6	2-Methylnaphthalene	63	U	63	72.7	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	32	U	32	140	560	ug/Kg
88-06-2	2,4,6-Trichlorophenol	85	U	85	72.7	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	84	U	84	72.7	290	ug/Kg

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EH6	SDG No.:	BN100724
Lab Sample ID:	P4109-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.7
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
BN034437.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	79	U	79	72.7	290	ug/Kg
91-58-7	2-Chloronaphthalene	75	U	75	72.7	290	ug/Kg
88-74-4	2-Nitroaniline	38	U	38	72.7	290	ug/Kg
131-11-3	Dimethylphthalate	65	U	65	72.7	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	72.7	290	ug/Kg
208-96-8	Acenaphthylene	79	U	79	72.7	290	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	140	560	ug/Kg
83-32-9	Acenaphthene	85	U	85	72.7	290	ug/Kg
51-28-5	2,4-Dinitrophenol	55	U	55	140	560	ug/Kg
100-02-7	4-Nitrophenol	19	U	19	140	560	ug/Kg
132-64-9	Dibenzofuran	68	U	68	72.7	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	22	U	22	72.7	290	ug/Kg
84-66-2	Diethylphthalate	70	U	70	72.7	290	ug/Kg
86-73-7	Fluorene	99	U	99	72.7	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	82	U	82	72.7	290	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	140	560	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	67	U	67	140	560	ug/Kg
86-30-6	N-Nitrosodiphenylamine	77	U	77	72.7	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	77	U	77	72.7	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	170	U	170	72.7	290	ug/Kg
118-74-1	Hexachlorobenzene	85	U	85	72.7	290	ug/Kg
1912-24-9	Atrazine	19	U	19	140	560	ug/Kg
87-86-5	Pentachlorophenol	65	U	65	140	560	ug/Kg
85-01-8	Phenanthrene	870		91	72.7	290	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	72.7	290	ug/Kg
120-12-7	Anthracene	160	J	80	72.7	290	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	9.6	U	9.6	72.7	290	ug/Kg
86-74-8	Carbazole	100	U	100	140	560	ug/Kg
84-74-2	Di-n-butylphthalate	97	U	97	72.7	290	ug/Kg
206-44-0	Fluoranthene	1800		77	140	290	ug/Kg

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EH6	SDG No.:	BN100724
Lab Sample ID:	P4109-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.7
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
BN034437.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		79	72.7	290	ug/Kg
85-68-7	Butylbenzylphthalate	74	U	74	72.7	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	43	U	43	140	560	ug/Kg
56-55-3	Benzo(a)anthracene	730		67	72.7	290	ug/Kg
218-01-9	Chrysene	900		79	72.7	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	240	J	74	72.7	290	ug/Kg
117-84-0	Di-n-octyl phthalate	74	U	74	140	560	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		82	72.7	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	430		99	72.7	290	ug/Kg
50-32-8	Benzo(a)pyrene	380		97	72.7	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	330		77	72.7	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	J	89	72.7	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	79	U	79	72.7	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	89	U	89	72.7	290	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.124		15-120		27	SPK: -8
7291-22-7	Pyridine-d5	1.021	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	10.253		10-130		26	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.426		10-150		29	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.482		15-120		31	SPK: -40
190780-66-6	4-Methylphenol-d8	7.893		10-140		20	SPK: -40
4165-60-0	Nitrobenzene-d5	12.745		10-135		32	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.33		10-120		33	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.639		10-140		32	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.824		1-145		7	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.499		10-145		34	SPK: -40
93951-97-4	Acenaphthylene-d8	13.835		15-120		35	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.388		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	14.32		20-140		36	SPK: -40

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EH6	SDG No.:	BN100724
Lab Sample ID:	P4109-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034437.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.265		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	14.178		10-150		35	SPK: -40
1718-52-1	Pyrene-d10	13.099		10-130		33	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	8.583		10-140		21	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	174561	7.375				
1146-65-2	Naphthalene-d8	697409	10.128				
15067-26-2	Acenaphthene-d10	438132	14.028				
1517-22-2	Phenanthrene-d10	925758	16.787				
1719-03-5	Chrysene-d12	885503	21.028				
1520-96-3	Perylene-d12	932378	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	220	J			15.41	
000613-12-7	Anthracene, 2-methyl-	130	J			17.663	
000057-10-3	n-Hexadecanoic acid	570	J			17.722	
000203-64-5	4H-Cyclopenta[def]phenanthrene	290	J			17.857	
000084-65-1	9,10-Anthracenedione	150	J			18.21	
005737-13-3	Cyclopenta(def)phenanthrenone	130	J			18.74	
000057-11-4	Octadecanoic acid	110	J			19.022	
1000406-04-8	Pentadecafluorooctanoic acid, octa	470	J			20.763	
	(DEL) Alkane: Straight-Chain21.781	490	J			21.781	
057402-36-5	Docosanal	530	J			22.639	
	(DEL) Alkane: Straight-Chain23.016	800	J			23.016	
001454-84-8	n-Nonadecanol-1	1300	J			23.069	
067860-04-2	Oxirane, heptadecyl-	600	J			24.216	
	(DEL) Alkane: Straight-Chain24.710	610	J			24.71	
	(DEL) Alkane: Cyclic24.816	770	J			24.816	
E966796	Total Alkanes	2700				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EH7	SDG No.:	BN100724
Lab Sample ID:	P4109-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034438.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.4	85	ug/Kg
100-52-7	Benzaldehyde	61	U	61	100	420	ug/Kg
110-86-1	Pyridine	15	U	15	210	420	ug/Kg
108-95-2	Phenol	57	U	57	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	100	420	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	53.9	220	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37	U	37	100	420	ug/Kg
98-86-2	Acetophenone	100	J	75	100	420	ug/Kg
106-44-5	4-Methylphenol	52	U	52	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	47	U	47	53.9	220	ug/Kg
67-72-1	Hexachloroethane	20	U	20	53.9	220	ug/Kg
98-95-3	Nitrobenzene	34	U	34	53.9	220	ug/Kg
78-59-1	Isophorone	46	U	46	53.9	220	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	53.9	220	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	53.9	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	39	U	39	53.9	220	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	53.9	220	ug/Kg
91-20-3	Naphthalene	53	J	42	53.9	220	ug/Kg
106-47-8	4-Chloroaniline	56	U	56	53.9	420	ug/Kg
87-68-3	Hexachlorobutadiene	33	U	33	53.9	220	ug/Kg
105-60-2	Caprolactam	51	U	51	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	53.9	220	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	53.9	220	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	53.9	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	24	U	24	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	63	U	63	53.9	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	62	U	62	53.9	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EH7	SDG No.:	BN100724
Lab Sample ID:	P4109-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034438.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	53.9	220	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	53.9	220	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	53.9	220	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	53.9	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	33	U	33	53.9	220	ug/Kg
208-96-8	Acenaphthylene	58	U	58	53.9	220	ug/Kg
99-09-2	3-Nitroaniline	18	U	18	100	420	ug/Kg
83-32-9	Acenaphthene	63	U	63	53.9	220	ug/Kg
51-28-5	2,4-Dinitrophenol	41	U	41	100	420	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	420	ug/Kg
132-64-9	Dibenzofuran	51	U	51	53.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	53.9	220	ug/Kg
84-66-2	Diethylphthalate	52	U	52	53.9	220	ug/Kg
86-73-7	Fluorene	74	U	74	53.9	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61	U	61	53.9	220	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	57	U	57	53.9	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57	U	57	53.9	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	53.9	220	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	53.9	220	ug/Kg
1912-24-9	Atrazine	14	U	14	100	420	ug/Kg
87-86-5	Pentachlorophenol	48	U	48	100	420	ug/Kg
85-01-8	Phenanthrene	540		67	53.9	220	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	53.9	220	ug/Kg
120-12-7	Anthracene	100	J	60	53.9	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.1	U	7.1	53.9	220	ug/Kg
86-74-8	Carbazole	77	U	77	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	53.9	220	ug/Kg
206-44-0	Fluoranthene	730		57	100	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EH7	SDG No.:	BN100724
Lab Sample ID:	P4109-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034438.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	450		58	53.9	220	ug/Kg
85-68-7	Butylbenzylphthalate	87	J	55	53.9	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	32	U	32	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	310		49	53.9	220	ug/Kg
218-01-9	Chrysene	340		58	53.9	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	420		55	53.9	220	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	440		61	53.9	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	J	74	53.9	220	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	72	53.9	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	57	53.9	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	66	U	66	53.9	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58	U	58	53.9	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	66	U	66	53.9	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.979		15-120		25	SPK: -8
7291-22-7	Pyridine-d5	0.737	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	9.983		10-130		25	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.002		10-150		25	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.599		15-120		29	SPK: -40
190780-66-6	4-Methylphenol-d8	8.84		10-140		22	SPK: -40
4165-60-0	Nitrobenzene-d5	11.708		10-135		29	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.293		10-120		31	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.11		10-140		30	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.839		1-145		15	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.55		10-145		31	SPK: -40
93951-97-4	Acenaphthylene-d8	12.454		15-120		31	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.839		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	13.249		20-140		33	SPK: -40

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EH7	SDG No.:	BN100724
Lab Sample ID:	P4109-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034438.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.944		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	13.199		10-150		33	SPK: -40
1718-52-1	Pyrene-d10	11.167		10-130		28	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.974		10-140		20	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	145580	7.375				
1146-65-2	Naphthalene-d8	568231	10.134				
15067-26-2	Acenaphthene-d10	363878	14.028				
1517-22-2	Phenanthrene-d10	783400	16.787				
1719-03-5	Chrysene-d12	798775	21.027				
1520-96-3	Perylene-d12	844881	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	130	J			15.41	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	85	J			16.981	
038444-86-9	1,1-Biphenyl, 2,3,4-trichloro-	220	J			17.404	
000613-12-7	Anthracene, 2-methyl-	100	J			17.663	
000610-48-0	Anthracene, 1-methyl-	310	J			17.722	
060233-24-1	1,1-Biphenyl, 2,3,4,6-Tetrachlor	300	J			17.869	
070362-47-9	2,2,4,5-Tetrachloro-1,1-biphenyl	150	J			18.163	
035693-99-3	1,1-Biphenyl, 2,2,5,5-tetrachlo	150	J			18.739	
	(DEL) Alkane: Straight-Chain20.763	200	J			20.763	
E966796	Total Alkanes	200				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EJ8	SDG No.:	BN100724
Lab Sample ID:	P4109-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034439.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.5	86	ug/Kg
100-52-7	Benzaldehyde	62	U	62	110	420	ug/Kg
110-86-1	Pyridine	15	U	15	210	420	ug/Kg
108-95-2	Phenol	58	U	58	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	110	420	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	54.6	220	ug/Kg
95-48-7	2-Methylphenol	50	U	50	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37	U	37	110	420	ug/Kg
98-86-2	Acetophenone	76	U	76	110	420	ug/Kg
106-44-5	4-Methylphenol	53	U	53	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	48	U	48	54.6	220	ug/Kg
67-72-1	Hexachloroethane	21	U	21	54.6	220	ug/Kg
98-95-3	Nitrobenzene	35	U	35	54.6	220	ug/Kg
78-59-1	Isophorone	46	U	46	54.6	220	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	54.6	220	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	54.6	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	40	U	40	54.6	220	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	54.6	220	ug/Kg
91-20-3	Naphthalene	42	U	42	54.6	220	ug/Kg
106-47-8	4-Chloroaniline	57	U	57	54.6	420	ug/Kg
87-68-3	Hexachlorobutadiene	33	U	33	54.6	220	ug/Kg
105-60-2	Caprolactam	51	U	51	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	54.6	220	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	54.6	220	ug/Kg
91-57-6	2-Methylnaphthalene	48	U	48	54.6	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	24	U	24	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	64	U	64	54.6	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	63	U	63	54.6	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EJ8	SDG No.:	BN100724
Lab Sample ID:	P4109-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.2
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034439.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	59	U	59	54.6	220	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	57	54.6	220	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	54.6	220	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	54.6	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	33	U	33	54.6	220	ug/Kg
208-96-8	Acenaphthylene	59	U	59	54.6	220	ug/Kg
99-09-2	3-Nitroaniline	18	U	18	110	420	ug/Kg
83-32-9	Acenaphthene	64	U	64	54.6	220	ug/Kg
51-28-5	2,4-Dinitrophenol	41	U	41	110	420	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	110	420	ug/Kg
132-64-9	Dibenzofuran	51	U	51	54.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	17	U	17	54.6	220	ug/Kg
84-66-2	Diethylphthalate	53	U	53	54.6	220	ug/Kg
86-73-7	Fluorene	75	U	75	54.6	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	62	U	62	54.6	220	ug/Kg
100-01-6	4-Nitroaniline	21	U	21	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	50	U	50	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	58	U	58	54.6	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U	58	54.6	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	54.6	220	ug/Kg
118-74-1	Hexachlorobenzene	64	U	64	54.6	220	ug/Kg
1912-24-9	Atrazine	14	U	14	110	420	ug/Kg
87-86-5	Pentachlorophenol	49	U	49	110	420	ug/Kg
85-01-8	Phenanthrene	210	J	68	54.6	220	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	54.6	220	ug/Kg
120-12-7	Anthracene	60	U	60	54.6	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.2	U	7.2	54.6	220	ug/Kg
86-74-8	Carbazole	78	U	78	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	73	U	73	54.6	220	ug/Kg
206-44-0	Fluoranthene	430		58	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EJ8	SDG No.:	BN100724
Lab Sample ID:	P4109-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034439.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	250		59	54.6	220	ug/Kg
85-68-7	Butylbenzylphthalate	55	U	55	54.6	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	32	U	32	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	180	J	50	54.6	220	ug/Kg
218-01-9	Chrysene	220		59	54.6	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	J	55	54.6	220	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	330		62	54.6	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	75	54.6	220	ug/Kg
50-32-8	Benzo(a)pyrene	91	J	73	54.6	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	76	J	58	54.6	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	67	U	67	54.6	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	59	U	59	54.6	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	67	U	67	54.6	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.217		15-120		15	SPK: -8
7291-22-7	Pyridine-d5	0.674	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	5.804		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.34		10-150		16	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.096		15-120		18	SPK: -40
190780-66-6	4-Methylphenol-d8	3.468	*	10-140		9	SPK: -40
4165-60-0	Nitrobenzene-d5	7.117		10-135		18	SPK: -40
93951-78-1	2-Nitrophenol-d4	7.177		10-120		18	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	6.8		10-140		17	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.198		1-145		5	SPK: -40
85448-30-2	Dimethylphthalate-d6	7.413		10-145		19	SPK: -40
93951-97-4	Acenaphthylene-d8	7.444		15-120		19	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.021	*	10-150		8	SPK: -40
81103-79-9	Fluorene-d10	8.108		20-140		20	SPK: -40

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EJ8	SDG No.:	BN100724
Lab Sample ID:	P4109-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034439.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.704	*	10-130		9	SPK: -40
1719-06-8	Anthracene-d10	7.962		10-150		20	SPK: -40
1718-52-1	Pyrene-d10	6.913		10-130		17	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	4.695		10-140		12	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	165312	7.375				
1146-65-2	Naphthalene-d8	655783	10.134				
15067-26-2	Acenaphthene-d10	409219	14.028				
1517-22-2	Phenanthrene-d10	876049	16.786				
1719-03-5	Chrysene-d12	913282	21.027				
1520-96-3	Perylene-d12	956088	23.739				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	86	J			3.481	
000057-10-3	n-Hexadecanoic acid	170	J			17.721	
E966796	Total Alkanes	59	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4ET6	SDG No.:	BN100724
Lab Sample ID:	P4109-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	57
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034440.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	28	U	28	15.3	150	ug/Kg
100-52-7	Benzaldehyde	110	U	110	190	760	ug/Kg
110-86-1	Pyridine	28	U	28	380	760	ug/Kg
108-95-2	Phenol	100	U	100	190	760	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	81	U	81	190	760	ug/Kg
95-57-8	2-Chlorophenol	51	U	51	98.5	390	ug/Kg
95-48-7	2-Methylphenol	90	U	90	190	760	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	67	U	67	190	760	ug/Kg
98-86-2	Acetophenone	140	U	140	190	760	ug/Kg
106-44-5	4-Methylphenol	95	U	95	190	760	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	86	U	86	98.5	390	ug/Kg
67-72-1	Hexachloroethane	37	U	37	98.5	390	ug/Kg
98-95-3	Nitrobenzene	63	U	63	98.5	390	ug/Kg
78-59-1	Isophorone	83	U	83	98.5	390	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	98.5	390	ug/Kg
105-67-9	2,4-Dimethylphenol	20	U	20	98.5	390	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	72	U	72	98.5	390	ug/Kg
120-83-2	2,4-Dichlorophenol	79	U	79	98.5	390	ug/Kg
91-20-3	Naphthalene	76	U	76	98.5	390	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	98.5	760	ug/Kg
87-68-3	Hexachlorobutadiene	60	U	60	98.5	390	ug/Kg
105-60-2	Caprolactam	93	U	93	190	760	ug/Kg
59-50-7	4-Chloro-3-methylphenol	83	U	83	98.5	390	ug/Kg
90-12-0	1-Methylnaphthalene	44	U	44	98.5	390	ug/Kg
91-57-6	2-Methylnaphthalene	86	U	86	98.5	390	ug/Kg
77-47-4	Hexachlorocyclopentadiene	44	U	44	190	760	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	98.5	390	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	98.5	390	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4ET6	SDG No.:	BN100724
Lab Sample ID:	P4109-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	57
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
BN034440.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	110	U	110	98.5	390	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	98.5	390	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	98.5	390	ug/Kg
131-11-3	Dimethylphthalate	88	U	88	98.5	390	ug/Kg
606-20-2	2,6-Dinitrotoluene	60	U	60	98.5	390	ug/Kg
208-96-8	Acenaphthylene	110	U	110	98.5	390	ug/Kg
99-09-2	3-Nitroaniline	32	U	32	190	760	ug/Kg
83-32-9	Acenaphthene	120	U	120	98.5	390	ug/Kg
51-28-5	2,4-Dinitrophenol	74	U	74	190	760	ug/Kg
100-02-7	4-Nitrophenol	25	U	25	190	760	ug/Kg
132-64-9	Dibenzofuran	93	U	93	98.5	390	ug/Kg
121-14-2	2,4-Dinitrotoluene	30	U	30	98.5	390	ug/Kg
84-66-2	Diethylphthalate	95	U	95	98.5	390	ug/Kg
86-73-7	Fluorene	130	U	130	98.5	390	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	98.5	390	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	190	760	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	90	U	90	190	760	ug/Kg
86-30-6	N-Nitrosodiphenylamine	100	U	100	98.5	390	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	98.5	390	ug/Kg
101-55-3	4-Bromophenyl-phenylether	230	U	230	98.5	390	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	98.5	390	ug/Kg
1912-24-9	Atrazine	25	U	25	190	760	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	190	760	ug/Kg
85-01-8	Phenanthrene	180	J	120	98.5	390	ug/Kg
608-93-5	Pentachlorobenzene	83	U	83	98.5	390	ug/Kg
120-12-7	Anthracene	110	U	110	98.5	390	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	13	U	13	98.5	390	ug/Kg
86-74-8	Carbazole	140	U	140	190	760	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	98.5	390	ug/Kg
206-44-0	Fluoranthene	370	J	100	190	390	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4ET6	SDG No.:	BN100724
Lab Sample ID:	P4109-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	57
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
BN034440.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	220	J	110	98.5	390	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	98.5	390	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	190	760	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	90	98.5	390	ug/Kg
218-01-9	Chrysene	160	J	110	98.5	390	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	98.5	390	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	190	760	ug/Kg
205-99-2	Benzo(b)fluoranthene	210	J	110	98.5	390	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	U	130	98.5	390	ug/Kg
50-32-8	Benzo(a)pyrene	130	U	130	98.5	390	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	98.5	390	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	U	120	98.5	390	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	98.5	390	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	120	U	120	98.5	390	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.272		15-120		16	SPK: -8
7291-22-7	Pyridine-d5	0.54	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	5.917		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.408		10-150		16	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.301		15-120		18	SPK: -40
190780-66-6	4-Methylphenol-d8	4.793		10-140		12	SPK: -40
4165-60-0	Nitrobenzene-d5	7.206		10-135		18	SPK: -40
93951-78-1	2-Nitrophenol-d4	7.632		10-120		19	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	7.5		10-140		19	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.177		1-145		8	SPK: -40
85448-30-2	Dimethylphthalate-d6	7.845		10-145		20	SPK: -40
93951-97-4	Acenaphthylene-d8	7.898		15-120		20	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.179	*	10-150		8	SPK: -40
81103-79-9	Fluorene-d10	8.305		20-140		21	SPK: -40

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4ET6	SDG No.:	BN100724
Lab Sample ID:	P4109-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	57
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
BN034440.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.801		10-130		10	SPK: -40
1719-06-8	Anthracene-d10	8.359		10-150		21	SPK: -40
1718-52-1	Pyrene-d10	8.075		10-130		20	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	4.81		10-140		12	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	198550	7.375				
1146-65-2	Naphthalene-d8	782203	10.134				
15067-26-2	Acenaphthene-d10	487885	14.028				
1517-22-2	Phenanthrene-d10	987759	16.787				
1719-03-5	Chrysene-d12	807396	21.028				
1520-96-3	Perylene-d12	875533	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	230	J			17.722	
002221-95-6	(1S,4aS,4bS,7S,8aS,10aS)-7-Isoprop	440	J			18.275	
E966796	Total Alkanes	110	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	E1H08	SDG No.:	BN100724
Lab Sample ID:	P4218-01	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
BN034441.D	10	10/1/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163831

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.1	U	3.1	5	20	ug/L
100-52-7	Benzaldehyde	14	U	14	50	100	ug/L
110-86-1	Pyridine	8.5	U	8.5	100	100	ug/L
108-95-2	Phenol	17	U	17	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	15	U	15	50	100	ug/L
95-57-8	2-Chlorophenol	11	U	11	25	50	ug/L
95-48-7	2-Methylphenol	15	U	15	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	14	U	14	50	100	ug/L
98-86-2	Acetophenone	21	U	21	50	100	ug/L
106-44-5	4-Methylphenol	16	U	16	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	14	U	14	25	50	ug/L
67-72-1	Hexachloroethane	8.9	U	8.9	25	50	ug/L
98-95-3	Nitrobenzene	13	U	13	25	50	ug/L
78-59-1	Isophorone	14	U	14	25	50	ug/L
88-75-5	2-Nitrophenol	14	U	14	25	50	ug/L
105-67-9	2,4-Dimethylphenol	7.2	U	7.2	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	14	U	14	25	50	ug/L
120-83-2	2,4-Dichlorophenol	14	U	14	25	50	ug/L
91-20-3	Naphthalene	15	U	15	25	50	ug/L
106-47-8	4-Chloroaniline	17	U	17	25	100	ug/L
87-68-3	Hexachlorobutadiene	11	U	11	25	50	ug/L
105-60-2	Caprolactam	13	U	13	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	14	U	14	25	50	ug/L
90-12-0	1-Methylnaphthalene	9.7	U	9.7	25	50	ug/L
91-57-6	2-Methylnaphthalene	15	U	15	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	14	U	14	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	19	U	19	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	17	U	17	25	50	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	E1H08	SDG No.:	BN100724
Lab Sample ID:	P4218-01	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
BN034441.D	10	10/1/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163831

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	19	U	19	25	50	ug/L
91-58-7	2-Chloronaphthalene	18	U	18	25	50	ug/L
88-74-4	2-Nitroaniline	12	U	12	25	50	ug/L
131-11-3	Dimethylphthalate	16	U	16	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	13	U	13	25	50	ug/L
208-96-8	Acenaphthylene	18	U	18	25	50	ug/L
99-09-2	3-Nitroaniline	8.6	U	8.6	50	100	ug/L
83-32-9	Acenaphthene	19	U	19	25	50	ug/L
51-28-5	2,4-Dinitrophenol	19	U	19	50	100	ug/L
100-02-7	4-Nitrophenol	15	U	15	50	100	ug/L
132-64-9	Dibenzofuran	17	U	17	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	9.7	U	9.7	25	50	ug/L
84-66-2	Diethylphthalate	15	U	15	25	50	ug/L
86-73-7	Fluorene	20	U	20	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	19	U	19	25	50	ug/L
100-01-6	4-Nitroaniline	6	U	6	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	17	U	17	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	17	U	17	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	18	U	18	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	27	U	27	25	50	ug/L
118-74-1	Hexachlorobenzene	19	U	19	25	50	ug/L
1912-24-9	Atrazine	12	U	12	50	100	ug/L
87-86-5	Pentachlorophenol	35	J	17	50	100	ug/L
85-01-8	Phenanthrene	18	U	18	25	50	ug/L
608-93-5	Pentachlorobenzene	13	U	13	25	50	ug/L
120-12-7	Anthracene	17	U	17	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	7.5	U	7.5	25	50	ug/L
86-74-8	Carbazole	20	U	20	50	100	ug/L
84-74-2	Di-n-butylphthalate	17	U	17	25	50	ug/L
206-44-0	Fluoranthene	17	U	17	50	50	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	E1H08	SDG No.:	BN100724
Lab Sample ID:	P4218-01	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
BN034441.D	10	10/1/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163831

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	17	U	17	25	50	ug/L
85-68-7	Butylbenzylphthalate	15	U	15	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	14	U	14	50	100	ug/L
56-55-3	Benzo(a)anthracene	15	U	15	25	50	ug/L
218-01-9	Chrysene	17	U	17	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	15	U	15	25	50	ug/L
117-84-0	Di-n-octyl phthalate	13	U	13	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	16	U	16	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	22	U	22	25	50	ug/L
50-32-8	Benzo(a)pyrene	20	U	20	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	19	U	19	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	20	U	20	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19	U	19	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	18	U	18	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	17.73		15-120		22	SPK: -8
7291-22-7	Pyridine-d5	75.95	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	73.56		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	227.75		25-120		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	207.84		20-130		52	SPK: -40
190780-66-6	4-Methylphenol-d8	164.07		25-125		41	SPK: -40
4165-60-0	Nitrobenzene-d5	282.32		20-125		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	284.66		20-130		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	244.45		20-120		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	221.19		1-146		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	281.64		25-130		70	SPK: -40
93951-97-4	Acenaphthylene-d8	281.13		10-130		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.89	*	10-150		7	SPK: -40
81103-79-9	Fluorene-d10	284.44		25-125		71	SPK: -40

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	E1H08	SDG No.:	BN100724
Lab Sample ID:	P4218-01	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
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
BN034441.D	10	10/1/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163831

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	239.75		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	320.57		25-130		80	SPK: -40
1718-52-1	Pyrene-d10	384.86		15-130		96	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	336.79		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	195534	7.375				
1146-65-2	Naphthalene-d8	785817	10.134				
15067-26-2	Acenaphthene-d10	489930	14.034				
1517-22-2	Phenanthrene-d10	996857	16.786				
1719-03-5	Chrysene-d12	770643	21.027				
1520-96-3	Perylene-d12	910704	23.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-10-1	Methyl Isobutyl Ketone	33	J			3.317	
000106-36-5	Propanoic acid, propyl ester	22	J			4.116	
000638-11-9	Isopropyl butyrate	42	J			4.552	
022287-11-2	3-Penten-2-one, 3-ethyl-4-methyl-unknown-01	22	J			6.293	
		52	J			9.846	
029911-28-2	2-Propanol, 1-(2-butoxy-1-methylet	89	J			10.693	
000106-62-7	1-Propanol, 2-(2-hydroxypropoxy)-	140	J			10.751	
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	160	J			12.945	
000119-61-9	Benzophenone	22	J			15.416	
000057-10-3	n-Hexadecanoic acid	55	J			17.727	
000057-11-4	Octadecanoic acid	50	J			19.022	
E966796	Total Alkanes	19	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	SBLK651	SDG No.:	BN100724
Lab Sample ID:	PB163651BL	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
BN034443.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

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:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	SBLK651	SDG No.:	BN100724
Lab Sample ID:	PB163651BL	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
BN034443.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

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:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	SBLK651	SDG No.:	BN100724
Lab Sample ID:	PB163651BL	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
BN034443.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	46	U	46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	43	U	43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	46	U	46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43	U	43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	U	52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.973		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	20.707		20-120		52	SPK: -40
4165-62-2	Phenol-d5	21.762		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.4		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.907		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	21.336		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	25.825		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.307		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.997		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.301		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.784		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	25.749		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.464		10-150		39	SPK: -40
81103-79-9	Fluorene-d10	24.832		20-140		62	SPK: -40

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	SBLK651	SDG No.:	BN100724
Lab Sample ID:	PB163651BL	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
BN034443.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.889		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	25.366		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	27.045		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.475		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	230488	7.375				
1146-65-2	Naphthalene-d8	904640	10.134				
15067-26-2	Acenaphthene-d10	541902	14.028				
1517-22-2	Phenanthrene-d10	1052923	16.792				
1719-03-5	Chrysene-d12	863028	21.028				
1520-96-3	Perylene-d12	990858	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4ET7	SDG No.:	BN100724
Lab Sample ID:	P4109-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	37
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
BN034444.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	10.5	110	ug/Kg
100-52-7	Benzaldehyde	76	U	76	130	520	ug/Kg
110-86-1	Pyridine	19	U	19	260	520	ug/Kg
108-95-2	Phenol	71	U	71	130	520	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	56	U	56	130	520	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	67.5	270	ug/Kg
95-48-7	2-Methylphenol	62	U	62	130	520	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	130	520	ug/Kg
98-86-2	Acetophenone	94	U	94	130	520	ug/Kg
106-44-5	4-Methylphenol	65	U	65	130	520	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	59	67.5	270	ug/Kg
67-72-1	Hexachloroethane	25	U	25	67.5	270	ug/Kg
98-95-3	Nitrobenzene	43	U	43	67.5	270	ug/Kg
78-59-1	Isophorone	57	U	57	67.5	270	ug/Kg
88-75-5	2-Nitrophenol	48	U	48	67.5	270	ug/Kg
105-67-9	2,4-Dimethylphenol	13	U	13	67.5	270	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	67.5	270	ug/Kg
120-83-2	2,4-Dichlorophenol	54	U	54	67.5	270	ug/Kg
91-20-3	Naphthalene	52	U	52	67.5	270	ug/Kg
106-47-8	4-Chloroaniline	70	U	70	67.5	520	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	67.5	270	ug/Kg
105-60-2	Caprolactam	63	U	63	130	520	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57	U	57	67.5	270	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	67.5	270	ug/Kg
91-57-6	2-Methylnaphthalene	59	U	59	67.5	270	ug/Kg
77-47-4	Hexachlorocyclopentadiene	30	U	30	130	520	ug/Kg
88-06-2	2,4,6-Trichlorophenol	79	U	79	67.5	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	78	U	78	67.5	270	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4ET7	SDG No.:	BN100724
Lab Sample ID:	P4109-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	37
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
BN034444.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	73	U	73	67.5	270	ug/Kg
91-58-7	2-Chloronaphthalene	70	U	70	67.5	270	ug/Kg
88-74-4	2-Nitroaniline	35	U	35	67.5	270	ug/Kg
131-11-3	Dimethylphthalate	60	U	60	67.5	270	ug/Kg
606-20-2	2,6-Dinitrotoluene	41	U	41	67.5	270	ug/Kg
208-96-8	Acenaphthylene	73	U	73	67.5	270	ug/Kg
99-09-2	3-Nitroaniline	22	U	22	130	520	ug/Kg
83-32-9	Acenaphthene	79	U	79	67.5	270	ug/Kg
51-28-5	2,4-Dinitrophenol	51	U	51	130	520	ug/Kg
100-02-7	4-Nitrophenol	17	U	17	130	520	ug/Kg
132-64-9	Dibenzofuran	63	U	63	67.5	270	ug/Kg
121-14-2	2,4-Dinitrotoluene	21	U	21	67.5	270	ug/Kg
84-66-2	Diethylphthalate	65	U	65	67.5	270	ug/Kg
86-73-7	Fluorene	92	U	92	67.5	270	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	76	U	76	67.5	270	ug/Kg
100-01-6	4-Nitroaniline	25	U	25	130	520	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	62	U	62	130	520	ug/Kg
86-30-6	N-Nitrosodiphenylamine	71	U	71	67.5	270	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	71	U	71	67.5	270	ug/Kg
101-55-3	4-Bromophenyl-phenylether	160	U	160	67.5	270	ug/Kg
118-74-1	Hexachlorobenzene	79	U	79	67.5	270	ug/Kg
1912-24-9	Atrazine	17	U	17	130	520	ug/Kg
87-86-5	Pentachlorophenol	60	U	60	130	520	ug/Kg
85-01-8	Phenanthrene	84	U	84	67.5	270	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	67.5	270	ug/Kg
120-12-7	Anthracene	75	U	75	67.5	270	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	8.9	U	8.9	67.5	270	ug/Kg
86-74-8	Carbazole	97	U	97	130	520	ug/Kg
84-74-2	Di-n-butylphthalate	90	U	90	67.5	270	ug/Kg
206-44-0	Fluoranthene	71	U	71	130	270	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4ET7	SDG No.:	BN100724
Lab Sample ID:	P4109-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	37
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
BN034444.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	73	U	73	67.5	270	ug/Kg
85-68-7	Butylbenzylphthalate	68	U	68	67.5	270	ug/Kg
91-94-1	3,3-Dichlorobenzidine	40	U	40	130	520	ug/Kg
56-55-3	Benzo(a)anthracene	62	U	62	67.5	270	ug/Kg
218-01-9	Chrysene	73	U	73	67.5	270	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	68	U	68	67.5	270	ug/Kg
117-84-0	Di-n-octyl phthalate	68	U	68	130	520	ug/Kg
205-99-2	Benzo(b)fluoranthene	76	U	76	67.5	270	ug/Kg
207-08-9	Benzo(k)fluoranthene	92	U	92	67.5	270	ug/Kg
50-32-8	Benzo(a)pyrene	90	U	90	67.5	270	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	71	U	71	67.5	270	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	83	U	83	67.5	270	ug/Kg
191-24-2	Benzo(g,h,i)perylene	73	U	73	67.5	270	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	83	U	83	67.5	270	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.748		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	11.641		20-120		29	SPK: -40
4165-62-2	Phenol-d5	13.547		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.836		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.326		15-120		38	SPK: -40
190780-66-6	4-Methylphenol-d8	13.882		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	15.458		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.92		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.162		10-140		40	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.26		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.859		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	17.665		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.749		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	17.731		20-140		44	SPK: -40

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4ET7	SDG No.:	BN100724
Lab Sample ID:	P4109-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	37
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
BN034444.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.532		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	18.03		10-150		45	SPK: -40
1718-52-1	Pyrene-d10	21.723		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.851		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	290209	7.375				
1146-65-2	Naphthalene-d8	1152625	10.128				
15067-26-2	Acenaphthene-d10	693472	14.028				
1517-22-2	Phenanthrene-d10	1383132	16.786				
1719-03-5	Chrysene-d12	1034531	21.027				
1520-96-3	Perylene-d12	1218071	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	170	J			15.41	
000057-10-3	n-Hexadecanoic acid	200	J			17.727	
1000406-04-8	Pentadecafluorooctanoic acid, octa	130	J			20.763	
E966796	Total Alkanes	73	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4EW5	SDG No.:	BN100724
Lab Sample ID:	P4109-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28
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
BN034445.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	9.1	92	ug/Kg
100-52-7	Benzaldehyde	66	U	66	110	460	ug/Kg
110-86-1	Pyridine	17	U	17	230	460	ug/Kg
108-95-2	Phenol	62	U	62	110	460	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	110	460	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	58.8	240	ug/Kg
95-48-7	2-Methylphenol	54	U	54	110	460	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	110	460	ug/Kg
98-86-2	Acetophenone	82	U	82	110	460	ug/Kg
106-44-5	4-Methylphenol	57	U	57	110	460	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	58.8	240	ug/Kg
67-72-1	Hexachloroethane	22	U	22	58.8	240	ug/Kg
98-95-3	Nitrobenzene	37	U	37	58.8	240	ug/Kg
78-59-1	Isophorone	50	U	50	58.8	240	ug/Kg
88-75-5	2-Nitrophenol	42	U	42	58.8	240	ug/Kg
105-67-9	2,4-Dimethylphenol	12	U	12	58.8	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	58.8	240	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	58.8	240	ug/Kg
91-20-3	Naphthalene	46	U	46	58.8	240	ug/Kg
106-47-8	4-Chloroaniline	61	U	61	58.8	460	ug/Kg
87-68-3	Hexachlorobutadiene	36	U	36	58.8	240	ug/Kg
105-60-2	Caprolactam	55	U	55	110	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	58.8	240	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	58.8	240	ug/Kg
91-57-6	2-Methylnaphthalene	51	U	51	58.8	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	26	U	26	110	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	69	U	69	58.8	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	68	U	68	58.8	240	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4EW5	SDG No.:	BN100724
Lab Sample ID:	P4109-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28
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
BN034445.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	64	U	64	58.8	240	ug/Kg
91-58-7	2-Chloronaphthalene	61	U	61	58.8	240	ug/Kg
88-74-4	2-Nitroaniline	30	U	30	58.8	240	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	58.8	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	36	U	36	58.8	240	ug/Kg
208-96-8	Acenaphthylene	64	U	64	58.8	240	ug/Kg
99-09-2	3-Nitroaniline	19	U	19	110	460	ug/Kg
83-32-9	Acenaphthene	69	U	69	58.8	240	ug/Kg
51-28-5	2,4-Dinitrophenol	44	U	44	110	460	ug/Kg
100-02-7	4-Nitrophenol	15	U	15	110	460	ug/Kg
132-64-9	Dibenzofuran	55	U	55	58.8	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	18	U	18	58.8	240	ug/Kg
84-66-2	Diethylphthalate	57	U	57	58.8	240	ug/Kg
86-73-7	Fluorene	80	U	80	58.8	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	66	U	66	58.8	240	ug/Kg
100-01-6	4-Nitroaniline	22	U	22	110	460	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	54	U	54	110	460	ug/Kg
86-30-6	N-Nitrosodiphenylamine	62	U	62	58.8	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	58.8	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	140	58.8	240	ug/Kg
118-74-1	Hexachlorobenzene	69	U	69	58.8	240	ug/Kg
1912-24-9	Atrazine	15	U	15	110	460	ug/Kg
87-86-5	Pentachlorophenol	53	U	53	110	460	ug/Kg
85-01-8	Phenanthrene	310		73	58.8	240	ug/Kg
608-93-5	Pentachlorobenzene	50	U	50	58.8	240	ug/Kg
120-12-7	Anthracene	65	U	65	58.8	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.8	U	7.8	58.8	240	ug/Kg
86-74-8	Carbazole	84	U	84	110	460	ug/Kg
84-74-2	Di-n-butylphthalate	79	U	79	58.8	240	ug/Kg
206-44-0	Fluoranthene	440		62	110	240	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4EW5	SDG No.:	BN100724
Lab Sample ID:	P4109-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28
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
BN034445.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	360		64	58.8	240	ug/Kg
85-68-7	Butylbenzylphthalate	60	U	60	58.8	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	35	U	35	110	460	ug/Kg
56-55-3	Benzo(a)anthracene	140	J	54	58.8	240	ug/Kg
218-01-9	Chrysene	150	J	64	58.8	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60	U	60	58.8	240	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	60	110	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	J	66	58.8	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	80	U	80	58.8	240	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	79	58.8	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	75	J	62	58.8	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	72	U	72	58.8	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	99	J	64	58.8	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	72	U	72	58.8	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.069		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	12.913		20-120		32	SPK: -40
4165-62-2	Phenol-d5	16.364		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.287		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.27		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	17.112		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	18.732		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.995		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.679		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.903		1-145		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.379		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	20.72		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.819		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	20.942		20-140		52	SPK: -40

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4EW5	SDG No.:	BN100724
Lab Sample ID:	P4109-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28
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
BN034445.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.65		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	20.932		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	25.384		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.088		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	226405	7.375				
1146-65-2	Naphthalene-d8	922735	10.128				
15067-26-2	Acenaphthene-d10	577355	14.028				
1517-22-2	Phenanthrene-d10	1190581	16.792				
1719-03-5	Chrysene-d12	907796	21.027				
1520-96-3	Perylene-d12	968474	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	180	J			15.416	
000057-10-3	n-Hexadecanoic acid	280	J			17.727	
000506-51-4	n-Tetracosanol-1	150	J			20.757	
E966796	Total Alkanes	64	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4EX1	SDG No.:	BN100724
Lab Sample ID:	P4109-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13
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
BN034446.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.6	76	ug/Kg
100-52-7	Benzaldehyde	55	U	55	94.5	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	52	U	52	94.5	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	94.5	380	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	48.7	190	ug/Kg
95-48-7	2-Methylphenol	45	U	45	94.5	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	94.5	380	ug/Kg
98-86-2	Acetophenone	68	U	68	94.5	380	ug/Kg
106-44-5	4-Methylphenol	47	U	47	94.5	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	42	U	42	48.7	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	48.7	190	ug/Kg
98-95-3	Nitrobenzene	31	U	31	48.7	190	ug/Kg
78-59-1	Isophorone	41	U	41	48.7	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	48.7	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.7	U	9.7	48.7	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	48.7	190	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	48.7	190	ug/Kg
91-20-3	Naphthalene	38	U	38	48.7	190	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	48.7	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	48.7	190	ug/Kg
105-60-2	Caprolactam	46	U	46	94.5	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	48.7	190	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	48.7	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48.7	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	94.5	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	48.7	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	56	48.7	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4EX1	SDG No.:	BN100724
Lab Sample ID:	P4109-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13
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
BN034446.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	53	U	53	48.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	48.7	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.7	190	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	48.7	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	48.7	190	ug/Kg
208-96-8	Acenaphthylene	53	U	53	48.7	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	94.5	380	ug/Kg
83-32-9	Acenaphthene	57	U	57	48.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	94.5	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	94.5	380	ug/Kg
132-64-9	Dibenzofuran	46	U	46	48.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	48.7	190	ug/Kg
84-66-2	Diethylphthalate	47	U	47	48.7	190	ug/Kg
86-73-7	Fluorene	66	U	66	48.7	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	48.7	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	94.5	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	94.5	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	48.7	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	48.7	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	48.7	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.7	190	ug/Kg
1912-24-9	Atrazine	13	U	13	94.5	380	ug/Kg
87-86-5	Pentachlorophenol	44	U	44	94.5	380	ug/Kg
85-01-8	Phenanthrene	280		61	48.7	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	48.7	190	ug/Kg
120-12-7	Anthracene	54	U	54	48.7	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.4	U	6.4	48.7	190	ug/Kg
86-74-8	Carbazole	70	U	70	94.5	380	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	48.7	190	ug/Kg
206-44-0	Fluoranthene	880		52	94.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4EX1	SDG No.:	BN100724
Lab Sample ID:	P4109-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034446.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	510		53	48.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	49	U	49	48.7	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	94.5	380	ug/Kg
56-55-3	Benzo(a)anthracene	290		45	48.7	190	ug/Kg
218-01-9	Chrysene	390		53	48.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	250		49	48.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	49	U	49	94.5	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	540		55	48.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	J	66	48.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	150	J	65	48.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	52	48.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	70	J	60	48.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53	U	53	48.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	48.7	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.315		15-120		16	SPK: -8
7291-22-7	Pyridine-d5	0.513	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	6.504		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.926		10-150		17	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.899		15-120		20	SPK: -40
190780-66-6	4-Methylphenol-d8	5.094		10-140		13	SPK: -40
4165-60-0	Nitrobenzene-d5	8.156		10-135		20	SPK: -40
93951-78-1	2-Nitrophenol-d4	8.43		10-120		21	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.06		10-140		20	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.83		1-145		2	SPK: -40
85448-30-2	Dimethylphthalate-d6	8.989		10-145		22	SPK: -40
93951-97-4	Acenaphthylene-d8	8.79		15-120		22	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.39	*	10-150		8	SPK: -40
81103-79-9	Fluorene-d10	9.25		20-140		23	SPK: -40

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4EX1	SDG No.:	BN100724
Lab Sample ID:	P4109-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13
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
BN034446.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.817		10-130		12	SPK: -40
1719-06-8	Anthracene-d10	9.13		10-150		23	SPK: -40
1718-52-1	Pyrene-d10	9.4		10-130		23	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.124		10-140		13	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	258335	7.375				
1146-65-2	Naphthalene-d8	1034205	10.134				
15067-26-2	Acenaphthene-d10	655309	14.028				
1517-22-2	Phenanthrene-d10	1323179	16.787				
1719-03-5	Chrysene-d12	920362	21.027				
1520-96-3	Perylene-d12	1049227	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	260	J			17.722	
000203-64-5	4H-Cyclopenta[def]phenanthrene	99	J			17.857	
1000406-04-8	Pentadecafluorooctanoic acid, octa	280	J			20.763	
015594-90-8	1-Heneicosanol	280	J			21.78	
	(DEL) Alkane: Straight-Chain	270	J			23.016	
000557-61-9	Octacosanol	330	J			23.069	
E966796	Total Alkanes	270				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	SLCS648	SDG No.:	BN100724
Lab Sample ID:	PB163648BS	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
BN034447.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	290		12	6.6	67	ug/Kg
100-52-7	Benzaldehyde	710		48	82.5	330	ug/Kg
110-86-1	Pyridine	630		12	170	330	ug/Kg
108-95-2	Phenol	700		45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	740		35	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	800		22	42.5	170	ug/Kg
95-48-7	2-Methylphenol	730		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	660		29	82.5	330	ug/Kg
98-86-2	Acetophenone	700		59	82.5	330	ug/Kg
106-44-5	4-Methylphenol	720		41	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	680		37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	800		16	42.5	170	ug/Kg
98-95-3	Nitrobenzene	740		27	42.5	170	ug/Kg
78-59-1	Isophorone	750		36	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	890		30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	620		8.5	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	780		31	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	850		34	42.5	170	ug/Kg
91-20-3	Naphthalene	800		33	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	620		44	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	880		26	42.5	170	ug/Kg
105-60-2	Caprolactam	670		40	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	750		36	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	790		19	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	800		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	610		19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	890		50	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	890		49	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	SLCS648	SDG No.:	BN100724
Lab Sample ID:	PB163648BS	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
BN034447.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	840		46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	830		44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	720		22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	800		38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	890		26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	830		46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	810		14	82.5	330	ug/Kg
83-32-9	Acenaphthene	800		50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	660		32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	620		11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	810		40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	840		13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	790		41	42.5	170	ug/Kg
86-73-7	Fluorene	800		58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	810		48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	810		16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	750		39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	850		45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	920		45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	930		99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	920		50	42.5	170	ug/Kg
1912-24-9	Atrazine	670		11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	850		38	82.5	330	ug/Kg
85-01-8	Phenanthrene	820		53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	890		36	42.5	170	ug/Kg
120-12-7	Anthracene	780		47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	930		5.6	42.5	170	ug/Kg
86-74-8	Carbazole	780		61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	830		57	42.5	170	ug/Kg
206-44-0	Fluoranthene	1100		45	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	SLCS648	SDG No.:	BN100724
Lab Sample ID:	PB163648BS	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
BN034447.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	990		46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1000		43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	840		25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	820		39	42.5	170	ug/Kg
218-01-9	Chrysene	790		46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	980		43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	830		48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	840		58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	790		57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	890		45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	890		52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	900		46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	890		52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.42		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	20.179		20-120		50	SPK: -40
4165-62-2	Phenol-d5	22.336		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.333		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.564		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	22.36		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	26.314		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.751		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.016		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.326		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.522		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	26.384		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.385		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	25.106		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	SLCS648	SDG No.:	BN100724
Lab Sample ID:	PB163648BS	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
BN034447.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.704		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	24.743		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	31.49		10-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.967		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	272996	7.375				
1146-65-2	Naphthalene-d8	1109778	10.134				
15067-26-2	Acenaphthene-d10	679237	14.034				
1517-22-2	Phenanthrene-d10	1364354	16.792				
1719-03-5	Chrysene-d12	936134	21.027				
1520-96-3	Perylene-d12	1075786	23.739				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EZ1	SDG No.:	BN100724
Lab Sample ID:	P4131-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40.2
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
BN034448.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	20	U	20	11	110	ug/Kg
100-52-7	Benzaldehyde	80	U	80	140	550	ug/Kg
110-86-1	Pyridine	20	U	20	280	550	ug/Kg
108-95-2	Phenol	75	U	75	140	550	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	58	U	58	140	550	ug/Kg
95-57-8	2-Chlorophenol	37	U	37	70.8	280	ug/Kg
95-48-7	2-Methylphenol	65	U	65	140	550	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	140	550	ug/Kg
98-86-2	Acetophenone	98	U	98	140	550	ug/Kg
106-44-5	4-Methylphenol	68	U	68	140	550	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	70.8	280	ug/Kg
67-72-1	Hexachloroethane	27	U	27	70.8	280	ug/Kg
98-95-3	Nitrobenzene	45	U	45	70.8	280	ug/Kg
78-59-1	Isophorone	60	U	60	70.8	280	ug/Kg
88-75-5	2-Nitrophenol	50	U	50	70.8	280	ug/Kg
105-67-9	2,4-Dimethylphenol	14	U	14	70.8	280	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	70.8	280	ug/Kg
120-83-2	2,4-Dichlorophenol	57	U	57	70.8	280	ug/Kg
91-20-3	Naphthalene	55	U	55	70.8	280	ug/Kg
106-47-8	4-Chloroaniline	73	U	73	70.8	550	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	70.8	280	ug/Kg
105-60-2	Caprolactam	67	U	67	140	550	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	70.8	280	ug/Kg
90-12-0	1-Methylnaphthalene	32	U	32	70.8	280	ug/Kg
91-57-6	2-Methylnaphthalene	62	U	62	70.8	280	ug/Kg
77-47-4	Hexachlorocyclopentadiene	32	U	32	140	550	ug/Kg
88-06-2	2,4,6-Trichlorophenol	83	U	83	70.8	280	ug/Kg
95-95-4	2,4,5-Trichlorophenol	82	U	82	70.8	280	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EZ1	SDG No.:	BN100724
Lab Sample ID:	P4131-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034448.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	77	U	77	70.8	280	ug/Kg
91-58-7	2-Chloronaphthalene	73	U	73	70.8	280	ug/Kg
88-74-4	2-Nitroaniline	37	U	37	70.8	280	ug/Kg
131-11-3	Dimethylphthalate	63	U	63	70.8	280	ug/Kg
606-20-2	2,6-Dinitrotoluene	43	U	43	70.8	280	ug/Kg
208-96-8	Acenaphthylene	77	U	77	70.8	280	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	140	550	ug/Kg
83-32-9	Acenaphthene	83	U	83	70.8	280	ug/Kg
51-28-5	2,4-Dinitrophenol	53	U	53	140	550	ug/Kg
100-02-7	4-Nitrophenol	18	U	18	140	550	ug/Kg
132-64-9	Dibenzofuran	67	U	67	70.8	280	ug/Kg
121-14-2	2,4-Dinitrotoluene	22	U	22	70.8	280	ug/Kg
84-66-2	Diethylphthalate	68	U	68	70.8	280	ug/Kg
86-73-7	Fluorene	97	U	97	70.8	280	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	80	U	80	70.8	280	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	140	550	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	65	U	65	140	550	ug/Kg
86-30-6	N-Nitrosodiphenylamine	75	U	75	70.8	280	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	75	U	75	70.8	280	ug/Kg
101-55-3	4-Bromophenyl-phenylether	170	U	170	70.8	280	ug/Kg
118-74-1	Hexachlorobenzene	83	U	83	70.8	280	ug/Kg
1912-24-9	Atrazine	18	U	18	140	550	ug/Kg
87-86-5	Pentachlorophenol	63	U	63	140	550	ug/Kg
85-01-8	Phenanthrene	88	U	88	70.8	280	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	70.8	280	ug/Kg
120-12-7	Anthracene	78	U	78	70.8	280	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	9.3	U	9.3	70.8	280	ug/Kg
86-74-8	Carbazole	100	U	100	140	550	ug/Kg
84-74-2	Di-n-butylphthalate	95	U	95	70.8	280	ug/Kg
206-44-0	Fluoranthene	180	J	75	140	280	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EZ1	SDG No.:	BN100724
Lab Sample ID:	P4131-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034448.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	160	J	77	70.8	280	ug/Kg
85-68-7	Butylbenzylphthalate	72	U	72	70.8	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	42	U	42	140	550	ug/Kg
56-55-3	Benzo(a)anthracene	83	J	65	70.8	280	ug/Kg
218-01-9	Chrysene	97	J	77	70.8	280	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	72	U	72	70.8	280	ug/Kg
117-84-0	Di-n-octyl phthalate	72	U	72	140	550	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	J	80	70.8	280	ug/Kg
207-08-9	Benzo(k)fluoranthene	97	U	97	70.8	280	ug/Kg
50-32-8	Benzo(a)pyrene	95	U	95	70.8	280	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	75	U	75	70.8	280	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	87	U	87	70.8	280	ug/Kg
191-24-2	Benzo(g,h,i)perylene	77	U	77	70.8	280	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	87	U	87	70.8	280	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.962		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	10.961		20-120		27	SPK: -40
4165-62-2	Phenol-d5	14.323		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.667		10-150		34	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.317		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	14.095		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	16.546		10-135		41	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.088		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.949		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.054		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.274		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	17.635		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.252		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	17.738		20-140		44	SPK: -40

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EZ1	SDG No.:	BN100724
Lab Sample ID:	P4131-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034448.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.82		10-130		25	SPK: -40
1719-06-8	Anthracene-d10	18.333		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	19.322		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.994		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	216815	7.375				
1146-65-2	Naphthalene-d8	838092	10.134				
15067-26-2	Acenaphthene-d10	499423	14.028				
1517-22-2	Phenanthrene-d10	1013164	16.786				
1719-03-5	Chrysene-d12	949628	21.027				
1520-96-3	Perylene-d12	1177382	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	320	J			15.41	
000057-10-3	n-Hexadecanoic acid	340	J			17.727	
000057-11-4	Octadecanoic acid	120	J			19.022	
	(DEL) Alkane: Straight-Chain	280	J			20.763	
E966796	Total Alkanes	280				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EY4	SDG No.:	BN100724
Lab Sample ID:	P4131-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034449.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	20	U	20	11.2	110	ug/Kg
100-52-7	Benzaldehyde	82	U	82	140	560	ug/Kg
110-86-1	Pyridine	20	U	20	280	560	ug/Kg
108-95-2	Phenol	77	U	77	140	560	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	60	U	60	140	560	ug/Kg
95-57-8	2-Chlorophenol	37	U	37	72.3	290	ug/Kg
95-48-7	2-Methylphenol	66	U	66	140	560	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	49	U	49	140	560	ug/Kg
98-86-2	Acetophenone	100	U	100	140	560	ug/Kg
106-44-5	4-Methylphenol	70	U	70	140	560	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	63	U	63	72.3	290	ug/Kg
67-72-1	Hexachloroethane	27	U	27	72.3	290	ug/Kg
98-95-3	Nitrobenzene	46	U	46	72.3	290	ug/Kg
78-59-1	Isophorone	61	U	61	72.3	290	ug/Kg
88-75-5	2-Nitrophenol	51	U	51	72.3	290	ug/Kg
105-67-9	2,4-Dimethylphenol	14	U	14	72.3	290	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	72.3	290	ug/Kg
120-83-2	2,4-Dichlorophenol	58	U	58	72.3	290	ug/Kg
91-20-3	Naphthalene	56	U	56	72.3	290	ug/Kg
106-47-8	4-Chloroaniline	75	U	75	72.3	560	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	72.3	290	ug/Kg
105-60-2	Caprolactam	68	U	68	140	560	ug/Kg
59-50-7	4-Chloro-3-methylphenol	61	U	61	72.3	290	ug/Kg
90-12-0	1-Methylnaphthalene	32	U	32	72.3	290	ug/Kg
91-57-6	2-Methylnaphthalene	63	U	63	72.3	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	32	U	32	140	560	ug/Kg
88-06-2	2,4,6-Trichlorophenol	85	U	85	72.3	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	83	U	83	72.3	290	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EY4	SDG No.:	BN100724
Lab Sample ID:	P4131-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034449.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	78	U	78	72.3	290	ug/Kg
91-58-7	2-Chloronaphthalene	75	U	75	72.3	290	ug/Kg
88-74-4	2-Nitroaniline	37	U	37	72.3	290	ug/Kg
131-11-3	Dimethylphthalate	65	U	65	72.3	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	72.3	290	ug/Kg
208-96-8	Acenaphthylene	78	U	78	72.3	290	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	140	560	ug/Kg
83-32-9	Acenaphthene	85	U	85	72.3	290	ug/Kg
51-28-5	2,4-Dinitrophenol	54	U	54	140	560	ug/Kg
100-02-7	4-Nitrophenol	19	U	19	140	560	ug/Kg
132-64-9	Dibenzofuran	68	U	68	72.3	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	22	U	22	72.3	290	ug/Kg
84-66-2	Diethylphthalate	70	U	70	72.3	290	ug/Kg
86-73-7	Fluorene	99	U	99	72.3	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	82	U	82	72.3	290	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	140	560	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	66	U	66	140	560	ug/Kg
86-30-6	N-Nitrosodiphenylamine	77	U	77	72.3	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	77	U	77	72.3	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	170	U	170	72.3	290	ug/Kg
118-74-1	Hexachlorobenzene	85	U	85	72.3	290	ug/Kg
1912-24-9	Atrazine	19	U	19	140	560	ug/Kg
87-86-5	Pentachlorophenol	65	U	65	140	560	ug/Kg
85-01-8	Phenanthrene	120	J	90	72.3	290	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	72.3	290	ug/Kg
120-12-7	Anthracene	80	U	80	72.3	290	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	9.5	U	9.5	72.3	290	ug/Kg
86-74-8	Carbazole	100	U	100	140	560	ug/Kg
84-74-2	Di-n-butylphthalate	97	U	97	72.3	290	ug/Kg
206-44-0	Fluoranthene	200	J	77	140	290	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EY4	SDG No.:	BN100724
Lab Sample ID:	P4131-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034449.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	170	J	78	72.3	290	ug/Kg
85-68-7	Butylbenzylphthalate	73	U	73	72.3	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	43	U	43	140	560	ug/Kg
56-55-3	Benzo(a)anthracene	88	J	66	72.3	290	ug/Kg
218-01-9	Chrysene	100	J	78	72.3	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	73	U	73	72.3	290	ug/Kg
117-84-0	Di-n-octyl phthalate	73	U	73	140	560	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	82	72.3	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	99	U	99	72.3	290	ug/Kg
50-32-8	Benzo(a)pyrene	97	U	97	72.3	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	77	U	77	72.3	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	88	U	88	72.3	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	78	U	78	72.3	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	88	U	88	72.3	290	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.023		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	11.792		20-120		29	SPK: -40
4165-62-2	Phenol-d5	15.042		10-130		38	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.034		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.549		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	15.601		10-140		39	SPK: -40
4165-60-0	Nitrobenzene-d5	18.154		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.683		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.166		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.763		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.401		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	18.543		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.863		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	17.85		20-140		45	SPK: -40

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EY4	SDG No.:	BN100724
Lab Sample ID:	P4131-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034449.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.939		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	19.061		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	20.6		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.71		10-140		49	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	287166	7.375				
1146-65-2	Naphthalene-d8	1150197	10.134				
15067-26-2	Acenaphthene-d10	692555	14.028				
1517-22-2	Phenanthrene-d10	1240641	16.787				
1719-03-5	Chrysene-d12	1001455	21.022				
1520-96-3	Perylene-d12	1180434	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	400	J			15.416	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	130	J			17.404	
000057-10-3	n-Hexadecanoic acid	300	J			17.728	
070362-45-7	2,2,3,6-Tetrachloro-1,1-biphenyl	120	J			17.875	
000661-19-8	Behenic alcohol	260	J			20.757	
E966796	Total Alkanes	78	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EX8	SDG No.:	BN100724
Lab Sample ID:	P4131-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	46.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034450.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	22	U	22	12.3	120	ug/Kg
100-52-7	Benzaldehyde	89	U	89	150	610	ug/Kg
110-86-1	Pyridine	22	U	22	310	610	ug/Kg
108-95-2	Phenol	84	U	84	150	610	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	65	U	65	150	610	ug/Kg
95-57-8	2-Chlorophenol	41	U	41	79	320	ug/Kg
95-48-7	2-Methylphenol	73	U	73	150	610	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54	U	54	150	610	ug/Kg
98-86-2	Acetophenone	110	U	110	150	610	ug/Kg
106-44-5	4-Methylphenol	76	U	76	150	610	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	69	U	69	79	320	ug/Kg
67-72-1	Hexachloroethane	30	U	30	79	320	ug/Kg
98-95-3	Nitrobenzene	50	U	50	79	320	ug/Kg
78-59-1	Isophorone	67	U	67	79	320	ug/Kg
88-75-5	2-Nitrophenol	56	U	56	79	320	ug/Kg
105-67-9	2,4-Dimethylphenol	16	U	16	79	320	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	58	U	58	79	320	ug/Kg
120-83-2	2,4-Dichlorophenol	63	U	63	79	320	ug/Kg
91-20-3	Naphthalene	61	U	61	79	320	ug/Kg
106-47-8	4-Chloroaniline	82	U	82	79	610	ug/Kg
87-68-3	Hexachlorobutadiene	48	U	48	79	320	ug/Kg
105-60-2	Caprolactam	74	U	74	150	610	ug/Kg
59-50-7	4-Chloro-3-methylphenol	67	U	67	79	320	ug/Kg
90-12-0	1-Methylnaphthalene	35	U	35	79	320	ug/Kg
91-57-6	2-Methylnaphthalene	69	U	69	79	320	ug/Kg
77-47-4	Hexachlorocyclopentadiene	35	U	35	150	610	ug/Kg
88-06-2	2,4,6-Trichlorophenol	93	U	93	79	320	ug/Kg
95-95-4	2,4,5-Trichlorophenol	91	U	91	79	320	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EX8	SDG No.:	BN100724
Lab Sample ID:	P4131-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	46.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034450.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	86	U	86	79	320	ug/Kg
91-58-7	2-Chloronaphthalene	82	U	82	79	320	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	79	320	ug/Kg
131-11-3	Dimethylphthalate	71	U	71	79	320	ug/Kg
606-20-2	2,6-Dinitrotoluene	48	U	48	79	320	ug/Kg
208-96-8	Acenaphthylene	86	U	86	79	320	ug/Kg
99-09-2	3-Nitroaniline	26	U	26	150	610	ug/Kg
83-32-9	Acenaphthene	93	U	93	79	320	ug/Kg
51-28-5	2,4-Dinitrophenol	60	U	60	150	610	ug/Kg
100-02-7	4-Nitrophenol	20	U	20	150	610	ug/Kg
132-64-9	Dibenzofuran	74	U	74	79	320	ug/Kg
121-14-2	2,4-Dinitrotoluene	24	U	24	79	320	ug/Kg
84-66-2	Diethylphthalate	76	U	76	79	320	ug/Kg
86-73-7	Fluorene	110	U	110	79	320	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	89	U	89	79	320	ug/Kg
100-01-6	4-Nitroaniline	30	U	30	150	610	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	73	U	73	150	610	ug/Kg
86-30-6	N-Nitrosodiphenylamine	84	U	84	79	320	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	84	U	84	79	320	ug/Kg
101-55-3	4-Bromophenyl-phenylether	180	U	180	79	320	ug/Kg
118-74-1	Hexachlorobenzene	93	U	93	79	320	ug/Kg
1912-24-9	Atrazine	20	U	20	150	610	ug/Kg
87-86-5	Pentachlorophenol	71	U	71	150	610	ug/Kg
85-01-8	Phenanthrene	360		99	79	320	ug/Kg
608-93-5	Pentachlorobenzene	67	U	67	79	320	ug/Kg
120-12-7	Anthracene	87	U	87	79	320	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	10	U	10	79	320	ug/Kg
86-74-8	Carbazole	110	U	110	150	610	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	79	320	ug/Kg
206-44-0	Fluoranthene	930		84	150	320	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EX8	SDG No.:	BN100724
Lab Sample ID:	P4131-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	46.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034450.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	530		86	79	320	ug/Kg
85-68-7	Butylbenzylphthalate	80	U	80	79	320	ug/Kg
91-94-1	3,3-Dichlorobenzidine	46	U	46	150	610	ug/Kg
56-55-3	Benzo(a)anthracene	340		73	79	320	ug/Kg
218-01-9	Chrysene	440		86	79	320	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	280	J	80	79	320	ug/Kg
117-84-0	Di-n-octyl phthalate	80	U	80	150	610	ug/Kg
205-99-2	Benzo(b)fluoranthene	620		89	79	320	ug/Kg
207-08-9	Benzo(k)fluoranthene	200	J	110	79	320	ug/Kg
50-32-8	Benzo(a)pyrene	180	J	110	79	320	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	84	79	320	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	97	U	97	79	320	ug/Kg
191-24-2	Benzo(g,h,i)perylene	86	U	86	79	320	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	97	U	97	79	320	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.482		15-120		19	SPK: -8
7291-22-7	Pyridine-d5	0.461	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	7.263		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.924		10-150		20	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.002		15-120		23	SPK: -40
190780-66-6	4-Methylphenol-d8	6.814		10-140		17	SPK: -40
4165-60-0	Nitrobenzene-d5	9.219		10-135		23	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.653		10-120		24	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.039		10-140		23	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.536		1-145		6	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.919		10-145		25	SPK: -40
93951-97-4	Acenaphthylene-d8	10.043		15-120		25	SPK: -40
93951-79-2	4-Nitrophenol-d4	2.965	*	10-150		7	SPK: -40
81103-79-9	Fluorene-d10	9.921		20-140		25	SPK: -40

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EX8	SDG No.:	BN100724
Lab Sample ID:	P4131-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	46.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034450.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.509		10-130		11	SPK: -40
1719-06-8	Anthracene-d10	10.083		10-150		25	SPK: -40
1718-52-1	Pyrene-d10	8.662		10-130		22	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.678		10-140		14	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	282196	7.375				
1146-65-2	Naphthalene-d8	1138073	10.134				
15067-26-2	Acenaphthene-d10	679310	14.028				
1517-22-2	Phenanthrene-d10	1225245	16.787				
1719-03-5	Chrysene-d12	955576	21.028				
1520-96-3	Perylene-d12	1167803	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	250	J			15.41	
000057-10-3	n-Hexadecanoic acid	260	J			17.722	
1000406-04-8	Pentadecafluorooctanoic acid, octa	330	J			20.763	
1000309-27-0	Oxalic acid, octadecyl propyl este	210	J			21.775	
	(DEL) Alkane: Straight-Chain23.010	170	J			23.01	
E966796	Total Alkanes	170				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EW8	SDG No.:	BN100724
Lab Sample ID:	P4131-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51.7
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
BN034451.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	25	U	25	13.6	140	ug/Kg
100-52-7	Benzaldehyde	99	U	99	170	680	ug/Kg
110-86-1	Pyridine	25	U	25	340	680	ug/Kg
108-95-2	Phenol	93	U	93	170	680	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	72	U	72	170	680	ug/Kg
95-57-8	2-Chlorophenol	45	U	45	87.7	350	ug/Kg
95-48-7	2-Methylphenol	80	U	80	170	680	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	170	680	ug/Kg
98-86-2	Acetophenone	120	U	120	170	680	ug/Kg
106-44-5	4-Methylphenol	85	U	85	170	680	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	76	U	76	87.7	350	ug/Kg
67-72-1	Hexachloroethane	33	U	33	87.7	350	ug/Kg
98-95-3	Nitrobenzene	56	U	56	87.7	350	ug/Kg
78-59-1	Isophorone	74	U	74	87.7	350	ug/Kg
88-75-5	2-Nitrophenol	62	U	62	87.7	350	ug/Kg
105-67-9	2,4-Dimethylphenol	18	U	18	87.7	350	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	64	U	64	87.7	350	ug/Kg
120-83-2	2,4-Dichlorophenol	70	U	70	87.7	350	ug/Kg
91-20-3	Naphthalene	68	U	68	87.7	350	ug/Kg
106-47-8	4-Chloroaniline	91	U	91	87.7	680	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	87.7	350	ug/Kg
105-60-2	Caprolactam	83	U	83	170	680	ug/Kg
59-50-7	4-Chloro-3-methylphenol	74	U	74	87.7	350	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	87.7	350	ug/Kg
91-57-6	2-Methylnaphthalene	76	U	76	87.7	350	ug/Kg
77-47-4	Hexachlorocyclopentadiene	39	U	39	170	680	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	87.7	350	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	87.7	350	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EW8	SDG No.:	BN100724
Lab Sample ID:	P4131-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51.7
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
BN034451.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	95	U	95	87.7	350	ug/Kg
91-58-7	2-Chloronaphthalene	91	U	91	87.7	350	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	87.7	350	ug/Kg
131-11-3	Dimethylphthalate	78	U	78	87.7	350	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	87.7	350	ug/Kg
208-96-8	Acenaphthylene	95	U	95	87.7	350	ug/Kg
99-09-2	3-Nitroaniline	29	U	29	170	680	ug/Kg
83-32-9	Acenaphthene	100	U	100	87.7	350	ug/Kg
51-28-5	2,4-Dinitrophenol	66	U	66	170	680	ug/Kg
100-02-7	4-Nitrophenol	23	U	23	170	680	ug/Kg
132-64-9	Dibenzofuran	83	U	83	87.7	350	ug/Kg
121-14-2	2,4-Dinitrotoluene	27	U	27	87.7	350	ug/Kg
84-66-2	Diethylphthalate	85	U	85	87.7	350	ug/Kg
86-73-7	Fluorene	120	U	120	87.7	350	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	99	U	99	87.7	350	ug/Kg
100-01-6	4-Nitroaniline	33	U	33	170	680	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	80	U	80	170	680	ug/Kg
86-30-6	N-Nitrosodiphenylamine	93	U	93	87.7	350	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	93	U	93	87.7	350	ug/Kg
101-55-3	4-Bromophenyl-phenylether	200	U	200	87.7	350	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	87.7	350	ug/Kg
1912-24-9	Atrazine	23	U	23	170	680	ug/Kg
87-86-5	Pentachlorophenol	78	U	78	170	680	ug/Kg
85-01-8	Phenanthrene	250	J	110	87.7	350	ug/Kg
608-93-5	Pentachlorobenzene	74	U	74	87.7	350	ug/Kg
120-12-7	Anthracene	97	U	97	87.7	350	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	12	U	12	87.7	350	ug/Kg
86-74-8	Carbazole	130	U	130	170	680	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	87.7	350	ug/Kg
206-44-0	Fluoranthene	600		93	170	350	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EW8	SDG No.:	BN100724
Lab Sample ID:	P4131-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034451.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	340	J	95	87.7	350	ug/Kg
85-68-7	Butylbenzylphthalate	89	U	89	87.7	350	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	170	680	ug/Kg
56-55-3	Benzo(a)anthracene	230	J	80	87.7	350	ug/Kg
218-01-9	Chrysene	310	J	95	87.7	350	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	J	89	87.7	350	ug/Kg
117-84-0	Di-n-octyl phthalate	89	U	89	170	680	ug/Kg
205-99-2	Benzo(b)fluoranthene	410		99	87.7	350	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	J	120	87.7	350	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	120	87.7	350	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	93	87.7	350	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	87.7	350	ug/Kg
191-24-2	Benzo(g,h,i)perylene	95	U	95	87.7	350	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	87.7	350	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.191		15-120		15	SPK: -8
7291-22-7	Pyridine-d5	0.545	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	5.993		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.468		10-150		16	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.131		15-120		18	SPK: -40
190780-66-6	4-Methylphenol-d8	3.98		10-140		10	SPK: -40
4165-60-0	Nitrobenzene-d5	7.568		10-135		19	SPK: -40
93951-78-1	2-Nitrophenol-d4	7.985		10-120		20	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	7.405		10-140		19	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.736		1-145		4	SPK: -40
85448-30-2	Dimethylphthalate-d6	8.136		10-145		20	SPK: -40
93951-97-4	Acenaphthylene-d8	8.009		15-120		20	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.071	*	10-150		8	SPK: -40
81103-79-9	Fluorene-d10	7.877		20-140		20	SPK: -40

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EW8	SDG No.:	BN100724
Lab Sample ID:	P4131-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51.7
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
BN034451.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.443	*	10-130		9	SPK: -40
1719-06-8	Anthracene-d10	8.135		10-150		20	SPK: -40
1718-52-1	Pyrene-d10	6.873		10-130		17	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	4.512		10-140		11	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	276075	7.375				
1146-65-2	Naphthalene-d8	1109404	10.134				
15067-26-2	Acenaphthene-d10	644884	14.028				
1517-22-2	Phenanthrene-d10	1149363	16.792				
1719-03-5	Chrysene-d12	964441	21.027				
1520-96-3	Perylene-d12	1173059	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	250	J			15.416	
000057-10-3	n-Hexadecanoic acid	260	J			17.722	
1000406-04-8	Pentadecafluorooctanoic acid, octa	290	J			20.763	
	(DEL) Alkane: Straight-Chain21.780	350	J			21.78	
	(DEL) Alkane: Straight-Chain23.015	160	J			23.015	
	(DEL) Alkane: Cyclic23.068	320	J			23.068	
E966796	Total Alkanes	830				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EZ0	SDG No.:	BN100724
Lab Sample ID:	P4131-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034452.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	26	U	26	14.1	140	ug/Kg
100-52-7	Benzaldehyde	100	U	100	180	710	ug/Kg
110-86-1	Pyridine	26	U	26	350	710	ug/Kg
108-95-2	Phenol	96	U	96	180	710	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	75	U	75	180	710	ug/Kg
95-57-8	2-Chlorophenol	47	U	47	90.8	360	ug/Kg
95-48-7	2-Methylphenol	83	U	83	180	710	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62	U	62	180	710	ug/Kg
98-86-2	Acetophenone	130	U	130	180	710	ug/Kg
106-44-5	4-Methylphenol	88	U	88	180	710	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	79	U	79	90.8	360	ug/Kg
67-72-1	Hexachloroethane	34	U	34	90.8	360	ug/Kg
98-95-3	Nitrobenzene	58	U	58	90.8	360	ug/Kg
78-59-1	Isophorone	77	U	77	90.8	360	ug/Kg
88-75-5	2-Nitrophenol	64	U	64	90.8	360	ug/Kg
105-67-9	2,4-Dimethylphenol	18	U	18	90.8	360	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	66	U	66	90.8	360	ug/Kg
120-83-2	2,4-Dichlorophenol	73	U	73	90.8	360	ug/Kg
91-20-3	Naphthalene	71	U	71	90.8	360	ug/Kg
106-47-8	4-Chloroaniline	94	U	94	90.8	710	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	90.8	360	ug/Kg
105-60-2	Caprolactam	85	U	85	180	710	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77	U	77	90.8	360	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	90.8	360	ug/Kg
91-57-6	2-Methylnaphthalene	79	U	79	90.8	360	ug/Kg
77-47-4	Hexachlorocyclopentadiene	41	U	41	180	710	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	90.8	360	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	90.8	360	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EZ0	SDG No.:	BN100724
Lab Sample ID:	P4131-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034452.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	98	U	98	90.8	360	ug/Kg
91-58-7	2-Chloronaphthalene	94	U	94	90.8	360	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	90.8	360	ug/Kg
131-11-3	Dimethylphthalate	81	U	81	90.8	360	ug/Kg
606-20-2	2,6-Dinitrotoluene	56	U	56	90.8	360	ug/Kg
208-96-8	Acenaphthylene	98	U	98	90.8	360	ug/Kg
99-09-2	3-Nitroaniline	30	U	30	180	710	ug/Kg
83-32-9	Acenaphthene	110	U	110	90.8	360	ug/Kg
51-28-5	2,4-Dinitrophenol	68	U	68	180	710	ug/Kg
100-02-7	4-Nitrophenol	24	U	24	180	710	ug/Kg
132-64-9	Dibenzofuran	85	U	85	90.8	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	28	U	28	90.8	360	ug/Kg
84-66-2	Diethylphthalate	88	U	88	90.8	360	ug/Kg
86-73-7	Fluorene	120	U	120	90.8	360	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	90.8	360	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	180	710	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	83	U	83	180	710	ug/Kg
86-30-6	N-Nitrosodiphenylamine	96	U	96	90.8	360	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	96	U	96	90.8	360	ug/Kg
101-55-3	4-Bromophenyl-phenylether	210	U	210	90.8	360	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	90.8	360	ug/Kg
1912-24-9	Atrazine	24	U	24	180	710	ug/Kg
87-86-5	Pentachlorophenol	81	U	81	180	710	ug/Kg
85-01-8	Phenanthrene	280	J	110	90.8	360	ug/Kg
608-93-5	Pentachlorobenzene	77	U	77	90.8	360	ug/Kg
120-12-7	Anthracene	100	U	100	90.8	360	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	12	U	12	90.8	360	ug/Kg
86-74-8	Carbazole	130	U	130	180	710	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	90.8	360	ug/Kg
206-44-0	Fluoranthene	740		96	180	360	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EZ0	SDG No.:	BN100724
Lab Sample ID:	P4131-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034452.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	420		98	90.8	360	ug/Kg
85-68-7	Butylbenzylphthalate	92	U	92	90.8	360	ug/Kg
91-94-1	3,3-Dichlorobenzidine	53	U	53	180	710	ug/Kg
56-55-3	Benzo(a)anthracene	290	J	83	90.8	360	ug/Kg
218-01-9	Chrysene	410		98	90.8	360	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	J	92	90.8	360	ug/Kg
117-84-0	Di-n-octyl phthalate	92	U	92	180	710	ug/Kg
205-99-2	Benzo(b)fluoranthene	590		100	90.8	360	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	J	120	90.8	360	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	120	90.8	360	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	96	90.8	360	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	90.8	360	ug/Kg
191-24-2	Benzo(g,h,i)perylene	98	U	98	90.8	360	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	90.8	360	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.52		15-120		19	SPK: -8
7291-22-7	Pyridine-d5	0.53	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	6.693		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.718		10-150		17	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.924		15-120		20	SPK: -40
190780-66-6	4-Methylphenol-d8	5.462		10-140		14	SPK: -40
4165-60-0	Nitrobenzene-d5	8.209		10-135		21	SPK: -40
93951-78-1	2-Nitrophenol-d4	8.627		10-120		22	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.105		10-140		20	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.153		1-145		5	SPK: -40
85448-30-2	Dimethylphthalate-d6	8.438		10-145		21	SPK: -40
93951-97-4	Acenaphthylene-d8	8.411		15-120		21	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.176	*	10-150		8	SPK: -40
81103-79-9	Fluorene-d10	8.544		20-140		21	SPK: -40

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EZ0	SDG No.:	BN100724
Lab Sample ID:	P4131-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034452.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.612	*	10-130		9	SPK: -40
1719-06-8	Anthracene-d10	8.653		10-150		22	SPK: -40
1718-52-1	Pyrene-d10	7.17		10-130		18	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	4.787		10-140		12	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	266653	7.375				
1146-65-2	Naphthalene-d8	1013953	10.134				
15067-26-2	Acenaphthene-d10	596080	14.033				
1517-22-2	Phenanthrene-d10	1112588	16.786				
1719-03-5	Chrysene-d12	1027560	21.021				
1520-96-3	Perylene-d12	1283431	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	230	J			15.416	
000057-10-3	n-Hexadecanoic acid	280	J			17.721	
000084-65-1	9,10-Anthracenedione	150	J			18.204	
	(DEL) Alkane: Cyclic20.762	290	J			20.762	
	(DEL) Alkane: Straight-Chain21.768	220	J			21.768	
	(DEL) Alkane: Straight-Chain23.009	180	J			23.009	
	(DEL) Alkane: Cyclic23.068	380	J			23.068	
E966796	Total Alkanes	1100				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER4	SDG No.:	BN100724
Lab Sample ID:	P4131-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51
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
BN034453.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	24	U	24	13.5	140	ug/Kg
100-52-7	Benzaldehyde	98	U	98	170	670	ug/Kg
110-86-1	Pyridine	24	U	24	340	670	ug/Kg
108-95-2	Phenol	92	U	92	170	670	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	71	U	71	170	670	ug/Kg
95-57-8	2-Chlorophenol	45	U	45	86.7	350	ug/Kg
95-48-7	2-Methylphenol	80	U	80	170	670	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59	U	59	170	670	ug/Kg
98-86-2	Acetophenone	120	U	120	170	670	ug/Kg
106-44-5	4-Methylphenol	84	U	84	170	670	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	76	U	76	86.7	350	ug/Kg
67-72-1	Hexachloroethane	33	U	33	86.7	350	ug/Kg
98-95-3	Nitrobenzene	55	U	55	86.7	350	ug/Kg
78-59-1	Isophorone	73	U	73	86.7	350	ug/Kg
88-75-5	2-Nitrophenol	61	U	61	86.7	350	ug/Kg
105-67-9	2,4-Dimethylphenol	17	U	17	86.7	350	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	63	U	63	86.7	350	ug/Kg
120-83-2	2,4-Dichlorophenol	69	U	69	86.7	350	ug/Kg
91-20-3	Naphthalene	67	U	67	86.7	350	ug/Kg
106-47-8	4-Chloroaniline	90	U	90	86.7	670	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	86.7	350	ug/Kg
105-60-2	Caprolactam	82	U	82	170	670	ug/Kg
59-50-7	4-Chloro-3-methylphenol	73	U	73	86.7	350	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	86.7	350	ug/Kg
91-57-6	2-Methylnaphthalene	76	U	76	86.7	350	ug/Kg
77-47-4	Hexachlorocyclopentadiene	39	U	39	170	670	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	86.7	350	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	86.7	350	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER4	SDG No.:	BN100724
Lab Sample ID:	P4131-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51
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
BN034453.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	94	U	94	86.7	350	ug/Kg
91-58-7	2-Chloronaphthalene	90	U	90	86.7	350	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	86.7	350	ug/Kg
131-11-3	Dimethylphthalate	78	U	78	86.7	350	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	86.7	350	ug/Kg
208-96-8	Acenaphthylene	94	U	94	86.7	350	ug/Kg
99-09-2	3-Nitroaniline	29	U	29	170	670	ug/Kg
83-32-9	Acenaphthene	100	U	100	86.7	350	ug/Kg
51-28-5	2,4-Dinitrophenol	65	U	65	170	670	ug/Kg
100-02-7	4-Nitrophenol	22	U	22	170	670	ug/Kg
132-64-9	Dibenzofuran	82	U	82	86.7	350	ug/Kg
121-14-2	2,4-Dinitrotoluene	27	U	27	86.7	350	ug/Kg
84-66-2	Diethylphthalate	84	U	84	86.7	350	ug/Kg
86-73-7	Fluorene	120	U	120	86.7	350	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	98	U	98	86.7	350	ug/Kg
100-01-6	4-Nitroaniline	33	U	33	170	670	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	80	U	80	170	670	ug/Kg
86-30-6	N-Nitrosodiphenylamine	92	U	92	86.7	350	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	92	U	92	86.7	350	ug/Kg
101-55-3	4-Bromophenyl-phenylether	200	U	200	86.7	350	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	86.7	350	ug/Kg
1912-24-9	Atrazine	22	U	22	170	670	ug/Kg
87-86-5	Pentachlorophenol	78	U	78	170	670	ug/Kg
85-01-8	Phenanthrene	380		110	86.7	350	ug/Kg
608-93-5	Pentachlorobenzene	73	U	73	86.7	350	ug/Kg
120-12-7	Anthracene	96	U	96	86.7	350	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	11	U	11	86.7	350	ug/Kg
86-74-8	Carbazole	120	U	120	170	670	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	86.7	350	ug/Kg
206-44-0	Fluoranthene	850		92	170	350	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER4	SDG No.:	BN100724
Lab Sample ID:	P4131-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51
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
BN034453.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	460		94	86.7	350	ug/Kg
85-68-7	Butylbenzylphthalate	88	U	88	86.7	350	ug/Kg
91-94-1	3,3-Dichlorobenzidine	51	U	51	170	670	ug/Kg
56-55-3	Benzo(a)anthracene	330	J	80	86.7	350	ug/Kg
218-01-9	Chrysene	410		94	86.7	350	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	J	88	86.7	350	ug/Kg
117-84-0	Di-n-octyl phthalate	88	U	88	170	670	ug/Kg
205-99-2	Benzo(b)fluoranthene	500		98	86.7	350	ug/Kg
207-08-9	Benzo(k)fluoranthene	200	J	120	86.7	350	ug/Kg
50-32-8	Benzo(a)pyrene	150	J	120	86.7	350	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	J	92	86.7	350	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	86.7	350	ug/Kg
191-24-2	Benzo(g,h,i)perylene	94	U	94	86.7	350	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	86.7	350	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.382		15-120		17	SPK: -8
7291-22-7	Pyridine-d5	0.528	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	5.979		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.707		10-150		17	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.595		15-120		19	SPK: -40
190780-66-6	4-Methylphenol-d8	4.783		10-140		12	SPK: -40
4165-60-0	Nitrobenzene-d5	7.883		10-135		20	SPK: -40
93951-78-1	2-Nitrophenol-d4	7.885		10-120		20	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	7.495		10-140		19	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.055		1-145		8	SPK: -40
85448-30-2	Dimethylphthalate-d6	8.581		10-145		21	SPK: -40
93951-97-4	Acenaphthylene-d8	8.476		15-120		21	SPK: -40
93951-79-2	4-Nitrophenol-d4	2.869	*	10-150		7	SPK: -40
81103-79-9	Fluorene-d10	8.678		20-140		22	SPK: -40

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER4	SDG No.:	BN100724
Lab Sample ID:	P4131-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51
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
BN034453.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.052	*	10-130		8	SPK: -40
1719-06-8	Anthracene-d10	8.67		10-150		22	SPK: -40
1718-52-1	Pyrene-d10	7.608		10-130		19	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.067		10-140		13	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	253927	7.375				
1146-65-2	Naphthalene-d8	984597	10.134				
15067-26-2	Acenaphthene-d10	562895	14.034				
1517-22-2	Phenanthrene-d10	1047928	16.792				
1719-03-5	Chrysene-d12	947269	21.021				
1520-96-3	Perylene-d12	1183039	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	220	J			15.416	
000057-10-3	n-Hexadecanoic acid	270	J			17.722	
1000406-04-8	Pentadecafluorooctanoic acid, octa	160	J			20.763	
E966796	Total Alkanes	94	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER5	SDG No.:	BN100724
Lab Sample ID:	P4131-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51
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
BN034454.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	24	U	24	13.4	140	ug/Kg
100-52-7	Benzaldehyde	98	U	98	170	670	ug/Kg
110-86-1	Pyridine	24	U	24	340	670	ug/Kg
108-95-2	Phenol	92	U	92	170	670	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	71	U	71	170	670	ug/Kg
95-57-8	2-Chlorophenol	45	U	45	86.4	350	ug/Kg
95-48-7	2-Methylphenol	79	U	79	170	670	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59	U	59	170	670	ug/Kg
98-86-2	Acetophenone	120	U	120	170	670	ug/Kg
106-44-5	4-Methylphenol	83	U	83	170	670	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	75	U	75	86.4	350	ug/Kg
67-72-1	Hexachloroethane	33	U	33	86.4	350	ug/Kg
98-95-3	Nitrobenzene	55	U	55	86.4	350	ug/Kg
78-59-1	Isophorone	73	U	73	86.4	350	ug/Kg
88-75-5	2-Nitrophenol	61	U	61	86.4	350	ug/Kg
105-67-9	2,4-Dimethylphenol	17	U	17	86.4	350	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	63	U	63	86.4	350	ug/Kg
120-83-2	2,4-Dichlorophenol	69	U	69	86.4	350	ug/Kg
91-20-3	Naphthalene	67	U	67	86.4	350	ug/Kg
106-47-8	4-Chloroaniline	89	U	89	86.4	670	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	86.4	350	ug/Kg
105-60-2	Caprolactam	81	U	81	170	670	ug/Kg
59-50-7	4-Chloro-3-methylphenol	73	U	73	86.4	350	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	86.4	350	ug/Kg
91-57-6	2-Methylnaphthalene	75	U	75	86.4	350	ug/Kg
77-47-4	Hexachlorocyclopentadiene	39	U	39	170	670	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	86.4	350	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	86.4	350	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER5	SDG No.:	BN100724
Lab Sample ID:	P4131-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51
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
BN034454.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	94	U	94	86.4	350	ug/Kg
91-58-7	2-Chloronaphthalene	89	U	89	86.4	350	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	86.4	350	ug/Kg
131-11-3	Dimethylphthalate	77	U	77	86.4	350	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	86.4	350	ug/Kg
208-96-8	Acenaphthylene	94	U	94	86.4	350	ug/Kg
99-09-2	3-Nitroaniline	28	U	28	170	670	ug/Kg
83-32-9	Acenaphthene	100	U	100	86.4	350	ug/Kg
51-28-5	2,4-Dinitrophenol	65	U	65	170	670	ug/Kg
100-02-7	4-Nitrophenol	22	U	22	170	670	ug/Kg
132-64-9	Dibenzofuran	81	U	81	86.4	350	ug/Kg
121-14-2	2,4-Dinitrotoluene	26	U	26	86.4	350	ug/Kg
84-66-2	Diethylphthalate	83	U	83	86.4	350	ug/Kg
86-73-7	Fluorene	120	U	120	86.4	350	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	98	U	98	86.4	350	ug/Kg
100-01-6	4-Nitroaniline	33	U	33	170	670	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79	U	79	170	670	ug/Kg
86-30-6	N-Nitrosodiphenylamine	92	U	92	86.4	350	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	92	U	92	86.4	350	ug/Kg
101-55-3	4-Bromophenyl-phenylether	200	U	200	86.4	350	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	86.4	350	ug/Kg
1912-24-9	Atrazine	22	U	22	170	670	ug/Kg
87-86-5	Pentachlorophenol	77	U	77	170	670	ug/Kg
85-01-8	Phenanthrene	310	J	110	86.4	350	ug/Kg
608-93-5	Pentachlorobenzene	73	U	73	86.4	350	ug/Kg
120-12-7	Anthracene	96	U	96	86.4	350	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	11	U	11	86.4	350	ug/Kg
86-74-8	Carbazole	120	U	120	170	670	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	86.4	350	ug/Kg
206-44-0	Fluoranthene	400		92	170	350	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER5	SDG No.:	BN100724
Lab Sample ID:	P4131-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51
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
BN034454.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	350		94	86.4	350	ug/Kg
85-68-7	Butylbenzylphthalate	87	U	87	86.4	350	ug/Kg
91-94-1	3,3-Dichlorobenzidine	51	U	51	170	670	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	79	86.4	350	ug/Kg
218-01-9	Chrysene	180	J	94	86.4	350	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	87	U	87	86.4	350	ug/Kg
117-84-0	Di-n-octyl phthalate	87	U	87	170	670	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	J	98	86.4	350	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	U	120	86.4	350	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	120	86.4	350	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	92	U	92	86.4	350	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	86.4	350	ug/Kg
191-24-2	Benzo(g,h,i)perylene	94	U	94	86.4	350	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	86.4	350	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.832		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	11.614		20-120		29	SPK: -40
4165-62-2	Phenol-d5	13.924		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.282		10-150		33	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.056		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	14.326		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	16.046		10-135		40	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.796		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.608		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.253		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.797		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	17.575		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.685		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	17.201		20-140		43	SPK: -40

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER5	SDG No.:	BN100724
Lab Sample ID:	P4131-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51
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
BN034454.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.573		10-130		19	SPK: -40
1719-06-8	Anthracene-d10	18.372		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	19.355		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.281		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	260427	7.375				
1146-65-2	Naphthalene-d8	1033677	10.134				
15067-26-2	Acenaphthene-d10	605545	14.028				
1517-22-2	Phenanthrene-d10	1094582	16.792				
1719-03-5	Chrysene-d12	943820	21.021				
1520-96-3	Perylene-d12	1173783	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	350	J			15.416	
000057-10-3	n-Hexadecanoic acid	390	J			17.727	
000506-51-4	n-Tetracosanol-1	320	J			20.757	
E966796	Total Alkanes	94	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER6	SDG No.:	BN100724
Lab Sample ID:	P4131-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034455.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.7	78	ug/Kg
100-52-7	Benzaldehyde	56	U	56	96.2	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	52	U	52	96.2	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	96.2	380	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	49.5	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	96.2	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	96.2	380	ug/Kg
98-86-2	Acetophenone	69	U	69	96.2	380	ug/Kg
106-44-5	4-Methylphenol	48	U	48	96.2	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	49.5	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	49.5	200	ug/Kg
98-95-3	Nitrobenzene	31	U	31	49.5	200	ug/Kg
78-59-1	Isophorone	42	U	42	49.5	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	49.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	9.9	U	9.9	49.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	49.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	49.5	200	ug/Kg
91-20-3	Naphthalene	38	U	38	49.5	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	49.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	49.5	200	ug/Kg
105-60-2	Caprolactam	47	U	47	96.2	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	49.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	49.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	96.2	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	49.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	49.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER6	SDG No.:	BN100724
Lab Sample ID:	P4131-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034455.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	49.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	49.5	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.5	200	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	49.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	49.5	200	ug/Kg
208-96-8	Acenaphthylene	54	U	54	49.5	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	96.2	380	ug/Kg
83-32-9	Acenaphthene	58	U	58	49.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	96.2	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	96.2	380	ug/Kg
132-64-9	Dibenzofuran	47	U	47	49.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	49.5	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	49.5	200	ug/Kg
86-73-7	Fluorene	68	U	68	49.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	49.5	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	96.2	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	96.2	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	49.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	49.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	49.5	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.5	200	ug/Kg
1912-24-9	Atrazine	13	U	13	96.2	380	ug/Kg
87-86-5	Pentachlorophenol	44	U	44	96.2	380	ug/Kg
85-01-8	Phenanthrene	62	U	62	49.5	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	49.5	200	ug/Kg
120-12-7	Anthracene	55	U	55	49.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.5	U	6.5	49.5	200	ug/Kg
86-74-8	Carbazole	71	U	71	96.2	380	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	49.5	200	ug/Kg
206-44-0	Fluoranthene	52	U	52	96.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER6	SDG No.:	BN100724
Lab Sample ID:	P4131-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034455.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	49.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	50	U	50	49.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	96.2	380	ug/Kg
56-55-3	Benzo(a)anthracene	45	U	45	49.5	200	ug/Kg
218-01-9	Chrysene	54	U	54	49.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	49.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	96.2	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	56	U	56	49.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	68	U	68	49.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	66	U	66	49.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52	U	52	49.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	U	61	49.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	49.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61	U	61	49.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.419		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	15.305		20-120		38	SPK: -40
4165-62-2	Phenol-d5	16.537		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.828		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.01		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	16.435		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	19.848		10-135		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.181		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.565		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.071		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.13		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	20.697		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.545		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	20.316		20-140		51	SPK: -40

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER6	SDG No.:	BN100724
Lab Sample ID:	P4131-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034455.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.099		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	20.547		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	21.17		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.196		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	219922	7.375				
1146-65-2	Naphthalene-d8	855356	10.134				
15067-26-2	Acenaphthene-d10	522439	14.034				
1517-22-2	Phenanthrene-d10	1027004	16.792				
1719-03-5	Chrysene-d12	1009091	21.021				
1520-96-3	Perylene-d12	1232461	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	300	J			15.416	
000057-10-3	n-Hexadecanoic acid	190	J			17.727	
	(DEL) Alkane: Straight-Chain	20.757	J			20.757	
E966796	Total Alkanes	130				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SLCS680	SDG No.:	BN100724
Lab Sample ID:	PB163680BS	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
BN034456.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.9		0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	23		1.4	5	10	ug/L
110-86-1	Pyridine	21		0.85	10	10	ug/L
108-95-2	Phenol	23		1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	25		1.5	5	10	ug/L
95-57-8	2-Chlorophenol	26		1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	24		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22		1.4	5	10	ug/L
98-86-2	Acetophenone	22		2.1	5	10	ug/L
106-44-5	4-Methylphenol	23		1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	22		1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	27		0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	24		1.3	2.5	5	ug/L
78-59-1	Isophorone	25		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	30		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	21		0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	26		1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	28		1.4	2.5	5	ug/L
91-20-3	Naphthalene	27		1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	21		1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	29		1.1	2.5	5	ug/L
105-60-2	Caprolactam	22		1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	24		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	25		0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	26		1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	18		1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	29		1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	29		1.7	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SLCS680	SDG No.:	BN100724
Lab Sample ID:	PB163680BS	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
BN034456.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28		1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	28		1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	24		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	26		1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	29		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	27		1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	26		0.86	5	10	ug/L
83-32-9	Acenaphthene	26		1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	20		1.9	5	10	ug/L
100-02-7	4-Nitrophenol	20		1.5	5	10	ug/L
132-64-9	Dibenzofuran	26		1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	27		0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	26		1.5	2.5	5	ug/L
86-73-7	Fluorene	25		2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	26		1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	26		0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	24		1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	29		1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	30		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	32		2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	31		1.9	2.5	5	ug/L
1912-24-9	Atrazine	22		1.2	5	10	ug/L
87-86-5	Pentachlorophenol	28		1.7	5	10	ug/L
85-01-8	Phenanthrene	27		1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	30		1.3	2.5	5	ug/L
120-12-7	Anthracene	27		1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	32		0.75	2.5	5	ug/L
86-74-8	Carbazole	26		2	5	10	ug/L
84-74-2	Di-n-butylphthalate	28		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	30		1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SLCS680	SDG No.:	BN100724
Lab Sample ID:	PB163680BS	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
BN034456.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	28		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	30		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	28		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	27		1.5	2.5	5	ug/L
218-01-9	Chrysene	27		1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	30		1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	30		1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	27		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	27		2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	26		2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	30		1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	30		2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	30		1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	29		1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.018		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	22.049		20-120		55	SPK: -40
4165-62-2	Phenol-d5	24.441		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.663		25-120		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.639		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	24.043		25-125		60	SPK: -40
4165-60-0	Nitrobenzene-d5	29.437		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.19		20-130		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.646		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.927		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.758		25-130		69	SPK: -40
93951-97-4	Acenaphthylene-d8	28.562		10-130		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.517		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	27.179		25-125		68	SPK: -40

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SLCS680	SDG No.:	BN100724
Lab Sample ID:	PB163680BS	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
BN034456.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.192		10-130		63	SPK: -40
1719-06-8	Anthracene-d10	27.793		25-130		69	SPK: -40
1718-52-1	Pyrene-d10	29.535		15-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.139		20-130		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	249727	7.375				
1146-65-2	Naphthalene-d8	975835	10.134				
15067-26-2	Acenaphthene-d10	580702	14.034				
1517-22-2	Phenanthrene-d10	1095370	16.792				
1719-03-5	Chrysene-d12	966010	21.027				
1520-96-3	Perylene-d12	1178271	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK680	SDG No.:	BN100724
Lab Sample ID:	PB163680BL	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
BN034458.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163680

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

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK680	SDG No.:	BN100724
Lab Sample ID:	PB163680BL	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
BN034458.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163680

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:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK680	SDG No.:	BN100724
Lab Sample ID:	PB163680BL	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
BN034458.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163680

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	4.961		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	21.572		20-120		54	SPK: -40
4165-62-2	Phenol-d5	23.222		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.56		25-120		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.957		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	23.035		25-125		58	SPK: -40
4165-60-0	Nitrobenzene-d5	27.527		20-125		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.591		20-130		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.817		20-120		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.255		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.792		25-130		67	SPK: -40
93951-97-4	Acenaphthylene-d8	27.359		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.389		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	25.741		25-125		64	SPK: -40

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK680	SDG No.:	BN100724
Lab Sample ID:	PB163680BL	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
BN034458.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.985		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	26.988		25-130		67	SPK: -40
1718-52-1	Pyrene-d10	28.694		15-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.198		20-130		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	256150	7.375				
1146-65-2	Naphthalene-d8	1022676	10.134				
15067-26-2	Acenaphthene-d10	609203	14.028				
1517-22-2	Phenanthrene-d10	1112267	16.786				
1719-03-5	Chrysene-d12	888693	21.021				
1520-96-3	Perylene-d12	1063566	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY048	SDG No.:	BN100724
Lab Sample ID:	P4187-04	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
BN034459.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2		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:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY048	SDG No.:	BN100724
Lab Sample ID:	P4187-04	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
BN034459.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163680

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:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY048	SDG No.:	BN100724
Lab Sample ID:	P4187-04	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
BN034459.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.326		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	6.767	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	7.138		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.999		25-120		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.379		20-130		61	SPK: -40
190780-66-6	4-Methylphenol-d8	15.316		25-125		38	SPK: -40
4165-60-0	Nitrobenzene-d5	28.155		20-125		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.898		20-130		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.835		20-120		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.153		1-146		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.547		25-130		74	SPK: -40
93951-97-4	Acenaphthylene-d8	27.798		10-130		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.981		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	28.021		25-125		70	SPK: -40

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY048	SDG No.:	BN100724
Lab Sample ID:	P4187-04	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
BN034459.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.236		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	31.732		25-130		79	SPK: -40
1718-52-1	Pyrene-d10	33.392		15-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.009		20-130		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	248331	7.375				
1146-65-2	Naphthalene-d8	970384	10.134				
15067-26-2	Acenaphthene-d10	557799	14.028				
1517-22-2	Phenanthrene-d10	1037095	16.787				
1719-03-5	Chrysene-d12	936170	21.022				
1520-96-3	Perylene-d12	1148548	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000127-18-4	Tetrachloroethylene	17	J			4.187	
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY045	SDG No.:	BN100724
Lab Sample ID:	P4187-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034460.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.7	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:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY045	SDG No.:	BN100724
Lab Sample ID:	P4187-01	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
BN034460.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163680

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:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY045	SDG No.:	BN100724
Lab Sample ID:	P4187-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034460.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163680

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	4.424		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	8.949		20-120		22	SPK: -40
4165-62-2	Phenol-d5	8.616		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.091		25-120		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.041		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	17.538		25-125		44	SPK: -40
4165-60-0	Nitrobenzene-d5	30.924		20-125		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.105		20-130		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.189		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.76		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.243		25-130		78	SPK: -40
93951-97-4	Acenaphthylene-d8	29.94		10-130		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.509		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	29.993		25-125		75	SPK: -40

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY045	SDG No.:	BN100724
Lab Sample ID:	P4187-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034460.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.448		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	33.564		25-130		84	SPK: -40
1718-52-1	Pyrene-d10	35.414		15-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.015		20-130		88	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	231530	7.375				
1146-65-2	Naphthalene-d8	903560	10.134				
15067-26-2	Acenaphthene-d10	529809	14.028				
1517-22-2	Phenanthrene-d10	986916	16.787				
1719-03-5	Chrysene-d12	833400	21.022				
1520-96-3	Perylene-d12	1003231	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000127-18-4	Tetrachloroethylene	3	J			4.187	
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EZ2	SDG No.:	BN100724
Lab Sample ID:	P4131-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034461.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.6	86	ug/Kg
100-52-7	Benzaldehyde	62	U	62	110	430	ug/Kg
110-86-1	Pyridine	16	U	16	210	430	ug/Kg
108-95-2	Phenol	58	U	58	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	110	430	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	55.1	220	ug/Kg
95-48-7	2-Methylphenol	51	U	51	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	38	U	38	110	430	ug/Kg
98-86-2	Acetophenone	76	U	76	110	430	ug/Kg
106-44-5	4-Methylphenol	53	U	53	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	48	U	48	55.1	220	ug/Kg
67-72-1	Hexachloroethane	21	U	21	55.1	220	ug/Kg
98-95-3	Nitrobenzene	35	U	35	55.1	220	ug/Kg
78-59-1	Isophorone	47	U	47	55.1	220	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	55.1	220	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	55.1	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	40	U	40	55.1	220	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	55.1	220	ug/Kg
91-20-3	Naphthalene	43	U	43	55.1	220	ug/Kg
106-47-8	4-Chloroaniline	57	U	57	55.1	430	ug/Kg
87-68-3	Hexachlorobutadiene	34	U	34	55.1	220	ug/Kg
105-60-2	Caprolactam	52	U	52	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	55.1	220	ug/Kg
90-12-0	1-Methylnaphthalene	25	U	25	55.1	220	ug/Kg
91-57-6	2-Methylnaphthalene	48	U	48	55.1	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	25	U	25	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	65	U	65	55.1	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	64	U	64	55.1	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EZ2	SDG No.:	BN100724
Lab Sample ID:	P4131-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.1
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
BN034461.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	60	U	60	55.1	220	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	57	55.1	220	ug/Kg
88-74-4	2-Nitroaniline	29	U	29	55.1	220	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	55.1	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	34	U	34	55.1	220	ug/Kg
208-96-8	Acenaphthylene	60	U	60	55.1	220	ug/Kg
99-09-2	3-Nitroaniline	18	U	18	110	430	ug/Kg
83-32-9	Acenaphthene	65	U	65	55.1	220	ug/Kg
51-28-5	2,4-Dinitrophenol	41	U	41	110	430	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	110	430	ug/Kg
132-64-9	Dibenzofuran	52	U	52	55.1	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	17	U	17	55.1	220	ug/Kg
84-66-2	Diethylphthalate	53	U	53	55.1	220	ug/Kg
86-73-7	Fluorene	75	U	75	55.1	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	62	U	62	55.1	220	ug/Kg
100-01-6	4-Nitroaniline	21	U	21	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	51	U	51	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	58	U	58	55.1	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U	58	55.1	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	55.1	220	ug/Kg
118-74-1	Hexachlorobenzene	65	U	65	55.1	220	ug/Kg
1912-24-9	Atrazine	14	U	14	110	430	ug/Kg
87-86-5	Pentachlorophenol	49	U	49	110	430	ug/Kg
85-01-8	Phenanthrene	69	U	69	55.1	220	ug/Kg
608-93-5	Pentachlorobenzene	47	U	47	55.1	220	ug/Kg
120-12-7	Anthracene	61	U	61	55.1	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.3	U	7.3	55.1	220	ug/Kg
86-74-8	Carbazole	79	U	79	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	55.1	220	ug/Kg
206-44-0	Fluoranthene	58	U	58	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EZ2	SDG No.:	BN100724
Lab Sample ID:	P4131-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.1
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
BN034461.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60	U	60	55.1	220	ug/Kg
85-68-7	Butylbenzylphthalate	56	U	56	55.1	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	32	U	32	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	51	U	51	55.1	220	ug/Kg
218-01-9	Chrysene	60	U	60	55.1	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56	U	56	55.1	220	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	62	U	62	55.1	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	75	U	75	55.1	220	ug/Kg
50-32-8	Benzo(a)pyrene	74	U	74	55.1	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	58	U	58	55.1	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	67	U	67	55.1	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	60	U	60	55.1	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	67	U	67	55.1	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.504		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	10.64		20-120		27	SPK: -40
4165-62-2	Phenol-d5	12.543		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.156		10-150		30	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.21		15-120		36	SPK: -40
190780-66-6	4-Methylphenol-d8	12.925		10-140		32	SPK: -40
4165-60-0	Nitrobenzene-d5	14.236		10-135		36	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.098		10-120		38	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.683		10-140		37	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.162		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.993		10-145		37	SPK: -40
93951-97-4	Acenaphthylene-d8	14.906		15-120		37	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.224		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	15.053		20-140		38	SPK: -40

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EZ2	SDG No.:	BN100724
Lab Sample ID:	P4131-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.1
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
BN034461.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.954		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	15.487		10-150		39	SPK: -40
1718-52-1	Pyrene-d10	18.762		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.352		10-140		41	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	235497	7.375				
1146-65-2	Naphthalene-d8	959176	10.134				
15067-26-2	Acenaphthene-d10	593627	14.028				
1517-22-2	Phenanthrene-d10	1163165	16.787				
1719-03-5	Chrysene-d12	845317	21.022				
1520-96-3	Perylene-d12	975631	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	230	J			15.41	
000057-10-3	n-Hexadecanoic acid	110	J			17.722	
000661-19-8	Behenic alcohol	150	J			20.757	
E966796	Total Alkanes	60	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EB0	SDG No.:	BN100724
Lab Sample ID:	P4131-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	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
BN034462.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.32	U	0.32	0.51	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5.1	10	ug/L
110-86-1	Pyridine	0.87	U	0.87	10.2	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.6	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5.1	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5.1	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.6	5.1	ug/L
67-72-1	Hexachloroethane	0.91	U	0.91	2.6	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.6	5.1	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.6	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.6	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.73	U	0.73	2.6	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.6	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.6	5.1	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.6	5.1	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.6	5.1	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.6	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.99	U	0.99	2.6	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.6	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.6	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.6	5.1	ug/L

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EB0	SDG No.:	BN100724
Lab Sample ID:	P4131-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	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
BN034462.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.9	U	1.9	2.6	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	2.6	5.1	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.6	5.1	ug/L
131-11-3	Dimethylphthalate	1.6	U	1.6	2.6	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.6	5.1	ug/L
208-96-8	Acenaphthylene	1.8	U	1.8	2.6	5.1	ug/L
99-09-2	3-Nitroaniline	0.88	U	0.88	5.1	10	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	2.6	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5.1	10	ug/L
132-64-9	Dibenzofuran	1.7	U	1.7	2.6	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	0.99	U	0.99	2.6	5.1	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.6	5.1	ug/L
86-73-7	Fluorene	2	U	2	2.6	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.6	5.1	ug/L
100-01-6	4-Nitroaniline	0.61	U	0.61	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.7	U	1.7	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.7	U	1.7	2.6	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.6	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	2.8	U	2.8	2.6	5.1	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.6	5.1	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5.1	10	ug/L
85-01-8	Phenanthrene	1.8	U	1.8	2.6	5.1	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.6	5.1	ug/L
120-12-7	Anthracene	1.7	U	1.7	2.6	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.77	U	0.77	2.6	5.1	ug/L
86-74-8	Carbazole	2	U	2	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.6	5.1	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EB0	SDG No.:	BN100724
Lab Sample ID:	P4131-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	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
BN034462.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.6	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.6	5.1	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.6	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.561		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	8.451		20-120		21	SPK: -40
4165-62-2	Phenol-d5	7.167		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.176		25-120		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.618		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	16.799		25-125		42	SPK: -40
4165-60-0	Nitrobenzene-d5	27.924		20-125		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.297		20-130		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.82		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.712		1-146		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.193		25-130		73	SPK: -40
93951-97-4	Acenaphthylene-d8	29.179		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.814		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	28.737		25-125		72	SPK: -40

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EB0	SDG No.:	BN100724
Lab Sample ID:	P4131-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 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
BN034462.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.748		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	30.801		25-130		77	SPK: -40
1718-52-1	Pyrene-d10	36.819		15-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.64		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	231403	7.375				
1146-65-2	Naphthalene-d8	936156	10.134				
15067-26-2	Acenaphthene-d10	570227	14.028				
1517-22-2	Phenanthrene-d10	1110885	16.786				
1719-03-5	Chrysene-d12	817524	21.021				
1520-96-3	Perylene-d12	967399	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000111-76-2	Ethanol, 2-butoxy-	5.4	J			5.511	
005131-66-8	2-Propanol, 1-butoxy-	2.9	J			6.063	
000104-76-7	1-Hexanol, 2-ethyl-	3.9	J			7.457	
000100-51-6	Benzyl alcohol	2.2	J			7.628	
018479-58-8	7-Octen-2-ol, 2,6-dimethyl-	4.9	J			8.169	
000078-70-6	Linalool	7.7	J			8.622	
000112-25-4	Ethanol, 2-(hexyloxy)-	4.6	J			8.699	
	unknown-01	3.8	J			9.428	
000140-11-4	Acetic acid, phenylmethyl ester	4.8	J			9.628	
	unknown-02	2.5	J			10.44	
000077-68-9	Propanoic acid, 2-methyl-, 3-hydro	2	J			12.634	
000121-33-5	Vanillin	5.8	J			12.951	
002439-54-5	1-Octanamine, N-methyl-	5.3	J			15.851	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	23	J			17.486	
000301-02-0	9-Octadecenamide, (Z)-	5.7	J			22.321	
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY046	SDG No.:	BN100724
Lab Sample ID:	P4187-02	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
BN034463.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163680

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

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY046	SDG No.:	BN100724
Lab Sample ID:	P4187-02	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
BN034463.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163680

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:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY046	SDG No.:	BN100724
Lab Sample ID:	P4187-02	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
BN034463.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.428		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	4.621	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	6.386		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.058		25-120		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.493		20-130		56	SPK: -40
190780-66-6	4-Methylphenol-d8	14.314		25-125		36	SPK: -40
4165-60-0	Nitrobenzene-d5	25.312		20-125		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.468		20-130		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.577		20-120		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.68		1-146		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.479		25-130		71	SPK: -40
93951-97-4	Acenaphthylene-d8	25.397		10-130		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.695		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	26.948		25-125		67	SPK: -40

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY046	SDG No.:	BN100724
Lab Sample ID:	P4187-02	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
BN034463.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.643		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	30.318		25-130		76	SPK: -40
1718-52-1	Pyrene-d10	36.471		15-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.529		20-130		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	242523	7.375				
1146-65-2	Naphthalene-d8	989679	10.134				
15067-26-2	Acenaphthene-d10	615868	14.028				
1517-22-2	Phenanthrene-d10	1165418	16.786				
1719-03-5	Chrysene-d12	825870	21.021				
1520-96-3	Perylene-d12	992240	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000127-18-4	Tetrachloroethylene	17	J			4.187	
000107-52-8	Hexasiloxane, tetradecamethyl-	2.5	J			21.739	
000541-01-5	Heptasiloxane, hexadecamethyl-	4.4	J			22.462	
000556-71-8	Cyclononasiloxane, octadecamethyl-	6.8	J			23.321	
	unknown-01	9.3	J			24.357	
004342-25-0	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	10	J			25.639	
	unknown-02	11	J			27.233	
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY047	SDG No.:	BN100724
Lab Sample ID:	P4187-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034464.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163680

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

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY047	SDG No.:	BN100724
Lab Sample ID:	P4187-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034464.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163680

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:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY047	SDG No.:	BN100724
Lab Sample ID:	P4187-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034464.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.801		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	6.458	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	6.622		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.161		25-120		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.524		20-130		61	SPK: -40
190780-66-6	4-Methylphenol-d8	14.742		25-125		37	SPK: -40
4165-60-0	Nitrobenzene-d5	27.985		20-125		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.609		20-130		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.873		20-120		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.876		1-146		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.144		25-130		73	SPK: -40
93951-97-4	Acenaphthylene-d8	27.413		10-130		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.299		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	28.466		25-125		71	SPK: -40

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY047	SDG No.:	BN100724
Lab Sample ID:	P4187-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034464.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.245		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	30.831		25-130		77	SPK: -40
1718-52-1	Pyrene-d10	32.575		15-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.939		20-130		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	214466	7.375				
1146-65-2	Naphthalene-d8	832021	10.134				
15067-26-2	Acenaphthene-d10	486713	14.027				
1517-22-2	Phenanthrene-d10	962900	16.786				
1719-03-5	Chrysene-d12	896289	21.021				
1520-96-3	Perylene-d12	1085245	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000127-18-4	Tetrachloroethylene	21	J			4.187	
000556-71-8	Cyclononasiloxane, octadecamethyl-	2.6	J			21.739	
000107-52-8	Hexasiloxane, tetradecamethyl-	2.8	J			22.468	
	unknown-01	3.9	J			23.321	
	unknown-02	5	J			24.356	
E966796	Total Alkanes	1.9	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BN100724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4EH3								
P4109-01	A4EH3	Solid	(DEL) Alkane: Straight-Chain20.7 *	180.000	J			
P4109-01	A4EH3	Solid	(DEL) Alkane: Straight-Chain23.(*	180.000	J			
P4109-01	A4EH3	Solid	1-Heneicosanol *	190.000	J			
P4109-01	A4EH3	Solid	4H-Cyclopenta[def]phenanthrene *	190.000	J			
P4109-01	A4EH3	Solid	Benzophenone *	180.000	J			
P4109-01	A4EH3	Solid	n-Hexadecanoic acid *	410.000	J			
P4109-01	A4EH3	Solid	Total Alkanes *	360.000		75	280	ug/Kg
Total Tics :				1,690.00				
P4109-01	A4EH3	Solid	Acetophenone	120.000	J	96	540	ug/Kg
P4109-01	A4EH3	Solid	Anthracene	110.000	J	76	280	ug/Kg
P4109-01	A4EH3	Solid	Benzo(a)anthracene	500.000		63	280	ug/Kg
P4109-01	A4EH3	Solid	Benzo(a)pyrene	240.000	J	93	280	ug/Kg
P4109-01	A4EH3	Solid	Benzo(b)fluoranthene	770.000		78	280	ug/Kg
P4109-01	A4EH3	Solid	Benzo(k)fluoranthene	260.000	J	94	280	ug/Kg
P4109-01	A4EH3	Solid	Bis(2-ethylhexyl)phthalate	440.000		70	280	ug/Kg
P4109-01	A4EH3	Solid	Chrysene	610.000		75	280	ug/Kg
P4109-01	A4EH3	Solid	Dibenzo(a,h)anthracene	98.000	J	85	280	ug/Kg
P4109-01	A4EH3	Solid	Fluoranthene	1,200.000		73	280	ug/Kg
P4109-01	A4EH3	Solid	Indeno(1,2,3-cd)pyrene	220.000	J	73	280	ug/Kg
P4109-01	A4EH3	Solid	Phenanthrene	580.000		86	280	ug/Kg
P4109-01	A4EH3	Solid	Pyrene	730.000		75	280	ug/Kg
Total Svoc :				5,878.00				
Total Concentration:				7,568.00				
Client ID : A4EH6								
P4109-03	A4EH6	Solid	(DEL) Alkane: Cyclic24.816 *	770.000	J			
P4109-03	A4EH6	Solid	(DEL) Alkane: Straight-Chain21.7 *	490.000	J			
P4109-03	A4EH6	Solid	(DEL) Alkane: Straight-Chain23.(*	800.000	J			
P4109-03	A4EH6	Solid	(DEL) Alkane: Straight-Chain24.7 *	610.000	J			
P4109-03	A4EH6	Solid	4H-Cyclopenta[def]phenanthrene *	290.000	J			
P4109-03	A4EH6	Solid	9,10-Anthracenedione *	150.000	J			
P4109-03	A4EH6	Solid	Anthracene, 2-methyl- *	130.000	J			
P4109-03	A4EH6	Solid	Benzophenone *	220.000	J			
P4109-03	A4EH6	Solid	Cyclopenta(def)phenanthrenone *	130.000	J			
P4109-03	A4EH6	Solid	Docosanal *	530.000	J			
P4109-03	A4EH6	Solid	n-Hexadecanoic acid *	570.000	J			
P4109-03	A4EH6	Solid	n-Nonadecanol-1 *	1,300.000	J			
P4109-03	A4EH6	Solid	Octadecanoic acid *	110.000	J			

Hit Summary Sheet SW-846

SDG No.: BN100724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4109-03	A4EH6	Solid	Oxirane, heptadecyl-	*	600.000	J		
P4109-03	A4EH6	Solid	Pentadecafluorooctanoic acid, oct-	*	470.000	J		
P4109-03	A4EH6	Solid	Total Alkanes	*	2,700.000	79	290	ug/Kg
Total Tics :				9,870.00				
P4109-03	A4EH6	Solid	Acetophenone		160.000	J 100	560	ug/Kg
P4109-03	A4EH6	Solid	Anthracene		160.000	J 80	290	ug/Kg
P4109-03	A4EH6	Solid	Benzo(a)anthracene		730.000	67	290	ug/Kg
P4109-03	A4EH6	Solid	Benzo(a)pyrene		380.000	97	290	ug/Kg
P4109-03	A4EH6	Solid	Benzo(b)fluoranthene		1,200.000	82	290	ug/Kg
P4109-03	A4EH6	Solid	Benzo(k)fluoranthene		430.000	99	290	ug/Kg
P4109-03	A4EH6	Solid	Bis(2-ethylhexyl)phthalate		240.000	J 74	290	ug/Kg
P4109-03	A4EH6	Solid	Chrysene		900.000	79	290	ug/Kg
P4109-03	A4EH6	Solid	Dibenzo(a,h)anthracene		150.000	J 89	290	ug/Kg
P4109-03	A4EH6	Solid	Fluoranthene		1,800.000	77	290	ug/Kg
P4109-03	A4EH6	Solid	Indeno(1,2,3-cd)pyrene		330.000	77	290	ug/Kg
P4109-03	A4EH6	Solid	Phenanthrene		870.000	91	290	ug/Kg
P4109-03	A4EH6	Solid	Pyrene		1,200.000	79	290	ug/Kg
Total Svoc :				8,550.00				
Total Concentration:				18,420.00				

Client ID : A4EH7

P4109-04	A4EH7	Solid	(DEL) Alkane: Straight-Chain20.7	*	200.000	J		
P4109-04	A4EH7	Solid	1,1-Biphenyl, 2,2,5,5-tetrachlo	*	150.000	J		
P4109-04	A4EH7	Solid	1,1-Biphenyl, 2,3,4,6-Tetrachlor	*	300.000	J		
P4109-04	A4EH7	Solid	1,1-Biphenyl, 2,3,4-trichloro-	*	220.000	J		
P4109-04	A4EH7	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	85.000	J		
P4109-04	A4EH7	Solid	2,2,4,5-Tetrachloro-1,1-biphenyl	*	150.000	J		
P4109-04	A4EH7	Solid	Anthracene, 1-methyl-	*	310.000	J		
P4109-04	A4EH7	Solid	Anthracene, 2-methyl-	*	100.000	J		
P4109-04	A4EH7	Solid	Benzophenone	*	130.000	J		
P4109-04	A4EH7	Solid	Total Alkanes	*	200.000	58	220	ug/Kg
Total Tics :				1,845.00				
P4109-04	A4EH7	Solid	Acetophenone		100.000	J 75	420	ug/Kg
P4109-04	A4EH7	Solid	Anthracene		100.000	J 60	220	ug/Kg
P4109-04	A4EH7	Solid	Benzo(a)anthracene		310.000	49	220	ug/Kg
P4109-04	A4EH7	Solid	Benzo(a)pyrene		140.000	J 72	220	ug/Kg
P4109-04	A4EH7	Solid	Benzo(b)fluoranthene		440.000	61	220	ug/Kg
P4109-04	A4EH7	Solid	Benzo(k)fluoranthene		160.000	J 74	220	ug/Kg
P4109-04	A4EH7	Solid	Bis(2-ethylhexyl)phthalate		420.000	55	220	ug/Kg
P4109-04	A4EH7	Solid	Butylbenzylphthalate		87.000	J 55	220	ug/Kg
P4109-04	A4EH7	Solid	Chrysene		340.000	58	220	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN100724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units	
P4109-04	A4EH7	Solid	Fluoranthene	730.000		57	220	ug/Kg	
P4109-04	A4EH7	Solid	Indeno(1,2,3-cd)pyrene	110.000	J	57	220	ug/Kg	
P4109-04	A4EH7	Solid	Naphthalene	53.000	J	42	220	ug/Kg	
P4109-04	A4EH7	Solid	Phenanthrene	540.000		67	220	ug/Kg	
P4109-04	A4EH7	Solid	Pyrene	450.000		58	220	ug/Kg	
Total Svoc :				3,980.00					
Total Concentration:				5,825.00					
Client ID : A4EJ8									
P4109-06	A4EJ8	Solid	n-Hexadecanoic acid	*	170.000	J			
P4109-06	A4EJ8	Solid	unknown-01	*	86.000	J			
P4109-06	A4EJ8	Solid	Total Alkanes	*	0.000	59	220	ug/Kg	
Total Tics :				256.00					
P4109-06	A4EJ8	Solid	Benzo(a)anthracene		180.000	J	50	220	ug/Kg
P4109-06	A4EJ8	Solid	Benzo(a)pyrene		91.000	J	73	220	ug/Kg
P4109-06	A4EJ8	Solid	Benzo(b)fluoranthene		330.000		62	220	ug/Kg
P4109-06	A4EJ8	Solid	Benzo(k)fluoranthene		110.000	J	75	220	ug/Kg
P4109-06	A4EJ8	Solid	Bis(2-ethylhexyl)phthalate		110.000	J	55	220	ug/Kg
P4109-06	A4EJ8	Solid	Chrysene		220.000		59	220	ug/Kg
P4109-06	A4EJ8	Solid	Fluoranthene		430.000		58	220	ug/Kg
P4109-06	A4EJ8	Solid	Indeno(1,2,3-cd)pyrene		76.000	J	58	220	ug/Kg
P4109-06	A4EJ8	Solid	Phenanthrene		210.000	J	68	220	ug/Kg
P4109-06	A4EJ8	Solid	Pyrene		250.000		59	220	ug/Kg
Total Svoc :				2,007.00					
Total Concentration:				2,263.00					
Client ID : A4ET6									
P4109-14	A4ET6	Solid	(1S,4aS,4bS,7S,8aS,10aS)-7-Isop	*	440.000	J			
P4109-14	A4ET6	Solid	n-Hexadecanoic acid	*	230.000	J			
P4109-14	A4ET6	Solid	Total Alkanes	*	0.000	110	390	ug/Kg	
Total Tics :				670.00					
P4109-14	A4ET6	Solid	Benzo(a)anthracene		150.000	J	90	390	ug/Kg
P4109-14	A4ET6	Solid	Benzo(b)fluoranthene		210.000	J	110	390	ug/Kg
P4109-14	A4ET6	Solid	Chrysene		160.000	J	110	390	ug/Kg
P4109-14	A4ET6	Solid	Fluoranthene		370.000	J	100	390	ug/Kg
P4109-14	A4ET6	Solid	Phenanthrene		180.000	J	120	390	ug/Kg
P4109-14	A4ET6	Solid	Pyrene		220.000	J	110	390	ug/Kg
Total Svoc :				1,290.00					
Total Concentration:				1,960.00					
Client ID : A4ET7									
P4109-15	A4ET7	Solid	Benzophenone	*	170.000	J			

Hit Summary Sheet SW-846

SDG No.: BN100724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4109-15	A4ET7	Solid	n-Hexadecanoic acid	*	200.000	J		
P4109-15	A4ET7	Solid	Pentadecafluorooctanoic acid, oct:	*	130.000	J		
P4109-15	A4ET7	Solid	Total Alkanes	*	0.000	73	270	ug/Kg
Total Tics :					500.00			
Total Concentration:					500.00			
Client ID : A4EW5								
P4109-21	A4EW5	Solid	Benzophenone	*	180.000	J		
P4109-21	A4EW5	Solid	n-Hexadecanoic acid	*	280.000	J		
P4109-21	A4EW5	Solid	n-Tetracosanol-1	*	150.000	J		
P4109-21	A4EW5	Solid	Total Alkanes	*	0.000	64	240	ug/Kg
Total Tics :					610.00			
P4109-21	A4EW5	Solid	Benzo(a)anthracene		140.000	J 54	240	ug/Kg
P4109-21	A4EW5	Solid	Benzo(a)pyrene		140.000	J 79	240	ug/Kg
P4109-21	A4EW5	Solid	Benzo(b)fluoranthene		170.000	J 66	240	ug/Kg
P4109-21	A4EW5	Solid	Benzo(g,h,i)perylene		99.000	J 64	240	ug/Kg
P4109-21	A4EW5	Solid	Chrysene		150.000	J 64	240	ug/Kg
P4109-21	A4EW5	Solid	Fluoranthene		440.000	62	240	ug/Kg
P4109-21	A4EW5	Solid	Indeno(1,2,3-cd)pyrene		75.000	J 62	240	ug/Kg
P4109-21	A4EW5	Solid	Phenanthrene		310.000	73	240	ug/Kg
P4109-21	A4EW5	Solid	Pyrene		360.000	64	240	ug/Kg
Total Svoc :					1,884.00			
Total Concentration:					2,494.00			
Client ID : A4EX1								
P4109-23	A4EX1	Solid	(DEL) Alkane: Straight-Chain23.(	*	270.000	J		
P4109-23	A4EX1	Solid	1-Heneicosanol	*	280.000	J		
P4109-23	A4EX1	Solid	4H-Cyclopenta[def]phenanthrene	*	99.000	J		
P4109-23	A4EX1	Solid	n-Hexadecanoic acid	*	260.000	J		
P4109-23	A4EX1	Solid	Octacosanol	*	330.000	J		
P4109-23	A4EX1	Solid	Pentadecafluorooctanoic acid, oct:	*	280.000	J		
P4109-23	A4EX1	Solid	Total Alkanes	*	270.000	53	190	ug/Kg
Total Tics :					1,789.00			
P4109-23	A4EX1	Solid	Benzo(a)anthracene		290.000	45	190	ug/Kg
P4109-23	A4EX1	Solid	Benzo(a)pyrene		150.000	J 65	190	ug/Kg
P4109-23	A4EX1	Solid	Benzo(b)fluoranthene		540.000	55	190	ug/Kg
P4109-23	A4EX1	Solid	Benzo(k)fluoranthene		180.000	J 66	190	ug/Kg
P4109-23	A4EX1	Solid	Bis(2-ethylhexyl)phthalate		250.000	49	190	ug/Kg
P4109-23	A4EX1	Solid	Chrysene		390.000	53	190	ug/Kg
P4109-23	A4EX1	Solid	Dibenzo(a,h)anthracene		70.000	J 60	190	ug/Kg
P4109-23	A4EX1	Solid	Fluoranthene		880.000	52	190	ug/Kg
P4109-23	A4EX1	Solid	Indeno(1,2,3-cd)pyrene		150.000	J 52	190	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN100724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4109-23	A4EX1	Solid	Phenanthrene	280.000		61	190	ug/Kg
P4109-23	A4EX1	Solid	Pyrene	510.000		53	190	ug/Kg
Total Svoc :				3,690.00				
Total Concentration:				5,479.00				
Client ID : A4EB0								
P4131-06	A4EB0	Water	1-Hexanol, 2-ethyl-	*	3.900	J		
P4131-06	A4EB0	Water	1-Octanamine, N-methyl-	*	5.300	J		
P4131-06	A4EB0	Water	2-Propanol, 1-butoxy-	*	2.900	J		
P4131-06	A4EB0	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	23.000	J		
P4131-06	A4EB0	Water	7-Octen-2-ol, 2,6-dimethyl-	*	4.900	J		
P4131-06	A4EB0	Water	9-Octadecenamide, (Z)-	*	5.700	J		
P4131-06	A4EB0	Water	Acetic acid, phenylmethyl ester	*	4.800	J		
P4131-06	A4EB0	Water	Benzyl alcohol	*	2.200	J		
P4131-06	A4EB0	Water	Ethanol, 2-(hexyloxy)-	*	4.600	J		
P4131-06	A4EB0	Water	Ethanol, 2-butoxy-	*	5.400	J		
P4131-06	A4EB0	Water	Linalool	*	7.700	J		
P4131-06	A4EB0	Water	Propanoic acid, 2-methyl-, 3-hydr	*	2.000	J		
P4131-06	A4EB0	Water	unknown-01	*	3.800	J		
P4131-06	A4EB0	Water	unknown-02	*	2.500	J		
P4131-06	A4EB0	Water	Vanillin	*	5.800	J		
P4131-06	A4EB0	Water	Total Alkanes	*	0.000	1.9	5.1	ug/L
Total Tics :				84.50				
Total Concentration:				84.50				
Client ID : A4EW8								
P4131-07	A4EW8	Solid	(DEL) Alkane: Cyclic23.068	*	320.000	J		
P4131-07	A4EW8	Solid	(DEL) Alkane: Straight-Chain21.7	*	350.000	J		
P4131-07	A4EW8	Solid	(DEL) Alkane: Straight-Chain23.0	*	160.000	J		
P4131-07	A4EW8	Solid	Benzophenone	*	250.000	J		
P4131-07	A4EW8	Solid	n-Hexadecanoic acid	*	260.000	J		
P4131-07	A4EW8	Solid	Pentadecafluorooctanoic acid, oct	*	290.000	J		
P4131-07	A4EW8	Solid	Total Alkanes	*	830.000	95	350	ug/Kg
Total Tics :				2,460.00				
P4131-07	A4EW8	Solid	Benzo(a)anthracene		230.000	J 80	350	ug/Kg
P4131-07	A4EW8	Solid	Benzo(a)pyrene		120.000	J 120	350	ug/Kg
P4131-07	A4EW8	Solid	Benzo(b)fluoranthene		410.000	99	350	ug/Kg
P4131-07	A4EW8	Solid	Benzo(k)fluoranthene		170.000	J 120	350	ug/Kg
P4131-07	A4EW8	Solid	Bis(2-ethylhexyl)phthalate		150.000	J 89	350	ug/Kg
P4131-07	A4EW8	Solid	Chrysene		310.000	J 95	350	ug/Kg
P4131-07	A4EW8	Solid	Fluoranthene		600.000	93	350	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN100724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4131-07	A4EW8	Solid	Indeno(1,2,3-cd)pyrene	110.000	J	93	350	ug/Kg
P4131-07	A4EW8	Solid	Phenanthrene	250.000	J	110	350	ug/Kg
P4131-07	A4EW8	Solid	Pyrene	340.000	J	95	350	ug/Kg
Total Svoc :				2,690.00				
Total Concentration:				5,150.00				
Client ID : A4EX8								
P4131-13	A4EX8	Solid	(DEL) Alkane: Straight-Chain23.(*	170.000	J			
P4131-13	A4EX8	Solid	Benzophenone *	250.000	J			
P4131-13	A4EX8	Solid	n-Hexadecanoic acid *	260.000	J			
P4131-13	A4EX8	Solid	Oxalic acid, octadecyl propyl este *	210.000	J			
P4131-13	A4EX8	Solid	Pentadecafluorooctanoic acid, oct: *	330.000	J			
P4131-13	A4EX8	Solid	Total Alkanes *	170.000		86	320	ug/Kg
Total Tics :				1,390.00				
P4131-13	A4EX8	Solid	Benzo(a)anthracene	340.000		73	320	ug/Kg
P4131-13	A4EX8	Solid	Benzo(a)pyrene	180.000	J	110	320	ug/Kg
P4131-13	A4EX8	Solid	Benzo(b)fluoranthene	620.000		89	320	ug/Kg
P4131-13	A4EX8	Solid	Benzo(k)fluoranthene	200.000	J	110	320	ug/Kg
P4131-13	A4EX8	Solid	Bis(2-ethylhexyl)phthalate	280.000	J	80	320	ug/Kg
P4131-13	A4EX8	Solid	Chrysene	440.000		86	320	ug/Kg
P4131-13	A4EX8	Solid	Fluoranthene	930.000		84	320	ug/Kg
P4131-13	A4EX8	Solid	Indeno(1,2,3-cd)pyrene	160.000	J	84	320	ug/Kg
P4131-13	A4EX8	Solid	Phenanthrene	360.000		99	320	ug/Kg
P4131-13	A4EX8	Solid	Pyrene	530.000		86	320	ug/Kg
Total Svoc :				4,040.00				
Total Concentration:				5,430.00				
Client ID : A4EY4								
P4131-15	A4EY4	Solid	1,1-Biphenyl, 2,4,4-trichloro- *	130.000	J			
P4131-15	A4EY4	Solid	2,2,3,6-Tetrachloro-1,1-biphenyl *	120.000	J			
P4131-15	A4EY4	Solid	Behenic alcohol *	260.000	J			
P4131-15	A4EY4	Solid	Benzophenone *	400.000	J			
P4131-15	A4EY4	Solid	n-Hexadecanoic acid *	300.000	J			
P4131-15	A4EY4	Solid	Total Alkanes *	0.000		78	290	ug/Kg
Total Tics :				1,210.00				
P4131-15	A4EY4	Solid	Benzo(a)anthracene	88.000	J	66	290	ug/Kg
P4131-15	A4EY4	Solid	Benzo(b)fluoranthene	120.000	J	82	290	ug/Kg
P4131-15	A4EY4	Solid	Chrysene	100.000	J	78	290	ug/Kg
P4131-15	A4EY4	Solid	Fluoranthene	200.000	J	77	290	ug/Kg
P4131-15	A4EY4	Solid	Phenanthrene	120.000	J	90	290	ug/Kg
P4131-15	A4EY4	Solid	Pyrene	170.000	J	78	290	ug/Kg
Total Svoc :				798.00				

Hit Summary Sheet SW-846

SDG No.: BN100724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				2,008.00				
Client ID : A4EZ0								
P4131-16	A4EZ0	Solid	(DEL) Alkane: Cyclic20.762	*	290.000	J		
P4131-16	A4EZ0	Solid	(DEL) Alkane: Cyclic23.068	*	380.000	J		
P4131-16	A4EZ0	Solid	(DEL) Alkane: Straight-Chain21.7	*	220.000	J		
P4131-16	A4EZ0	Solid	(DEL) Alkane: Straight-Chain23.0	*	180.000	J		
P4131-16	A4EZ0	Solid	9,10-Anthracenedione	*	150.000	J		
P4131-16	A4EZ0	Solid	Benzophenone	*	230.000	J		
P4131-16	A4EZ0	Solid	n-Hexadecanoic acid	*	280.000	J		
P4131-16	A4EZ0	Solid	Total Alkanes	*	1,100.000		98	360 ug/Kg
Total Tics :				2,830.00				
P4131-16	A4EZ0	Solid	Benzo(a)anthracene		290.000	J	83	360 ug/Kg
P4131-16	A4EZ0	Solid	Benzo(a)pyrene		160.000	J	120	360 ug/Kg
P4131-16	A4EZ0	Solid	Benzo(b)fluoranthene		590.000		100	360 ug/Kg
P4131-16	A4EZ0	Solid	Benzo(k)fluoranthene		180.000	J	120	360 ug/Kg
P4131-16	A4EZ0	Solid	Bis(2-ethylhexyl)phthalate		190.000	J	92	360 ug/Kg
P4131-16	A4EZ0	Solid	Chrysene		410.000		98	360 ug/Kg
P4131-16	A4EZ0	Solid	Fluoranthene		740.000		96	360 ug/Kg
P4131-16	A4EZ0	Solid	Indeno(1,2,3-cd)pyrene		150.000	J	96	360 ug/Kg
P4131-16	A4EZ0	Solid	Phenanthrene		280.000	J	110	360 ug/Kg
P4131-16	A4EZ0	Solid	Pyrene		420.000		98	360 ug/Kg
Total Svoc :				3,410.00				
Total Concentration:				6,240.00				
Client ID : A4EZ1								
P4131-17	A4EZ1	Solid	(DEL) Alkane: Straight-Chain20.7	*	280.000	J		
P4131-17	A4EZ1	Solid	Benzophenone	*	320.000	J		
P4131-17	A4EZ1	Solid	n-Hexadecanoic acid	*	340.000	J		
P4131-17	A4EZ1	Solid	Octadecanoic acid	*	120.000	J		
P4131-17	A4EZ1	Solid	Total Alkanes	*	280.000		77	280 ug/Kg
Total Tics :				1,340.00				
P4131-17	A4EZ1	Solid	Benzo(a)anthracene		83.000	J	65	280 ug/Kg
P4131-17	A4EZ1	Solid	Benzo(b)fluoranthene		110.000	J	80	280 ug/Kg
P4131-17	A4EZ1	Solid	Chrysene		97.000	J	77	280 ug/Kg
P4131-17	A4EZ1	Solid	Fluoranthene		180.000	J	75	280 ug/Kg
P4131-17	A4EZ1	Solid	Pyrene		160.000	J	77	280 ug/Kg
Total Svoc :				630.00				
Total Concentration:				1,970.00				
Client ID : A4EZ2								
P4131-18	A4EZ2	Solid	Behenic alcohol	*	150.000	J		

Hit Summary Sheet SW-846

SDG No.: BN100724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4131-18	A4EZ2	Solid	Benzophenone	*	230.000	J		
P4131-18	A4EZ2	Solid	n-Hexadecanoic acid	*	110.000	J		
P4131-18	A4EZ2	Solid	Total Alkanes	*	0.000	60	220	ug/Kg
Total Tics :					490.00			
Total Concentration:					490.00			

Client ID : A4ER4

P4131-22	A4ER4	Solid	Benzophenone	*	220.000	J		
P4131-22	A4ER4	Solid	n-Hexadecanoic acid	*	270.000	J		
P4131-22	A4ER4	Solid	Pentadecafluorooctanoic acid, oct:	*	160.000	J		
P4131-22	A4ER4	Solid	Total Alkanes	*	0.000	94	350	ug/Kg
Total Tics :					650.00			
P4131-22	A4ER4	Solid	Benzo(a)anthracene		330.000	J	80	350 ug/Kg
P4131-22	A4ER4	Solid	Benzo(a)pyrene		150.000	J	120	350 ug/Kg
P4131-22	A4ER4	Solid	Benzo(b)fluoranthene		500.000		98	350 ug/Kg
P4131-22	A4ER4	Solid	Benzo(k)fluoranthene		200.000	J	120	350 ug/Kg
P4131-22	A4ER4	Solid	Bis(2-ethylhexyl)phthalate		160.000	J	88	350 ug/Kg
P4131-22	A4ER4	Solid	Chrysene		410.000		94	350 ug/Kg
P4131-22	A4ER4	Solid	Fluoranthene		850.000		92	350 ug/Kg
P4131-22	A4ER4	Solid	Indeno(1,2,3-cd)pyrene		130.000	J	92	350 ug/Kg
P4131-22	A4ER4	Solid	Phenanthrene		380.000		110	350 ug/Kg
P4131-22	A4ER4	Solid	Pyrene		460.000		94	350 ug/Kg
Total Svoc :					3,570.00			
Total Concentration:					4,220.00			

Client ID : A4ER5

P4131-23	A4ER5	Solid	Benzophenone	*	350.000	J		
P4131-23	A4ER5	Solid	n-Hexadecanoic acid	*	390.000	J		
P4131-23	A4ER5	Solid	n-Tetracosanol-1	*	320.000	J		
P4131-23	A4ER5	Solid	Total Alkanes	*	0.000	94	350	ug/Kg
Total Tics :					1,060.00			
P4131-23	A4ER5	Solid	Benzo(a)anthracene		150.000	J	79	350 ug/Kg
P4131-23	A4ER5	Solid	Benzo(a)pyrene		140.000	J	120	350 ug/Kg
P4131-23	A4ER5	Solid	Benzo(b)fluoranthene		190.000	J	98	350 ug/Kg
P4131-23	A4ER5	Solid	Chrysene		180.000	J	94	350 ug/Kg
P4131-23	A4ER5	Solid	Fluoranthene		400.000		92	350 ug/Kg
P4131-23	A4ER5	Solid	Phenanthrene		310.000	J	110	350 ug/Kg
P4131-23	A4ER5	Solid	Pyrene		350.000		94	350 ug/Kg
Total Svoc :					1,720.00			
Total Concentration:					2,780.00			

Client ID : A4ER6

Hit Summary Sheet SW-846

SDG No.: BN100724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4131-24	A4ER6	Solid	(DEL) Alkane: Straight-Chain20.7	*	130.000	J		
P4131-24	A4ER6	Solid	Benzophenone	*	300.000	J		
P4131-24	A4ER6	Solid	n-Hexadecanoic acid	*	190.000	J		
P4131-24	A4ER6	Solid	Total Alkanes	*	130.000	54	200	ug/Kg
Total Tics :					750.00			
Total Concentration:					750.00			
Client ID : EY045								
P4187-01	EY045	Water	Tetrachloroethylene	*	3.000	J		
P4187-01	EY045	Water	Total Alkanes	*	0.000	1.9	5	ug/L
Total Tics :					3.00			
P4187-01	EY045	Water	1,4-Dioxane		1.700	J 0.31	2	ug/L
Total Svoc :					1.70			
Total Concentration:					4.70			
Client ID : EY046								
P4187-02	EY046	Water	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	*	10.000	J		
P4187-02	EY046	Water	Cyclononasiloxane, octadecameth	*	6.800	J		
P4187-02	EY046	Water	Heptasiloxane, hexadecamethyl-	*	4.400	J		
P4187-02	EY046	Water	Hexasiloxane, tetradecamethyl-	*	2.500	J		
P4187-02	EY046	Water	Tetrachloroethylene	*	17.000	J		
P4187-02	EY046	Water	unknown-01	*	9.300	J		
P4187-02	EY046	Water	unknown-02	*	11.000	J		
P4187-02	EY046	Water	Total Alkanes	*	0.000	1.9	5	ug/L
Total Tics :					61.00			
Total Concentration:					61.00			
Client ID : EY047								
P4187-03	EY047	Water	Cyclononasiloxane, octadecameth	*	2.600	J		
P4187-03	EY047	Water	Hexasiloxane, tetradecamethyl-	*	2.800	J		
P4187-03	EY047	Water	Tetrachloroethylene	*	21.000	J		
P4187-03	EY047	Water	unknown-01	*	3.900	J		
P4187-03	EY047	Water	unknown-02	*	5.000	J		
P4187-03	EY047	Water	Total Alkanes	*	0.000	1.9	5	ug/L
Total Tics :					35.30			
Total Concentration:					35.30			
Client ID : EY048								
P4187-04	EY048	Water	Tetrachloroethylene	*	17.000	J		
P4187-04	EY048	Water	Total Alkanes	*	0.000	1.9	5	ug/L
Total Tics :					17.00			
P4187-04	EY048	Water	1,4-Dioxane		2.000	0.31	2	ug/L
Total Svoc :					2.00			

Hit Summary Sheet SW-846

SDG No.: BN100724

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	19.00				
Client ID :	E1H08							
P4218-01	E1H08	water	1-Propanol, 2-(2-hydroxypropoxy) *	140.000	J			
P4218-01	E1H08	water	2,4,7,9-Tetramethyl-5-decyn-4,7-c *	160.000	J			
P4218-01	E1H08	water	2-Propanol, 1-(2-butoxy-1-methyl) *	89.000	J			
P4218-01	E1H08	water	3-Penten-2-one, 3-ethyl-4-methyl- *	22.000	J			
P4218-01	E1H08	water	Benzophenone *	22.000	J			
P4218-01	E1H08	water	Isopropyl butyrate *	42.000	J			
P4218-01	E1H08	water	Methyl Isobutyl Ketone *	33.000	J			
P4218-01	E1H08	water	n-Hexadecanoic acid *	55.000	J			
P4218-01	E1H08	water	Octadecanoic acid *	50.000	J			
P4218-01	E1H08	water	Propanoic acid, propyl ester *	22.000	J			
P4218-01	E1H08	water	unknown-01 *	52.000	J			
P4218-01	E1H08	water	Total Alkanes *	0.000	D	19	50	ug/L
			Total Tics :	687.00				
P4218-01	E1H08	water	Pentachlorophenol	35.000	J	17	100	ug/L
			Total Svoc :	35.00				
			Total Concentration:	722.00				

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN091124SAS No.: BN091124SDG No.: BN091124

Instrument ID: _____

Calibration Date(s): 9/10/2024 :Calibration Time(s): 17:22

LAB FILE ID:		RRF _{FAL1} = BN033845.D			RRF _{FAL2} = BN033846.D		RRF _{FAL3} = BN033847.D	
		RRF _{FAL4} = BN033848.D			RRF _{FAL5} = BN033849.D		RRF _{FAL6} = BN033850.D	
COMPOUND	RRF _{FAL1}	RRF _{FAL2}	RRF _{FAL3}	RRF _{FAL4}	RRF _{FAL5}	RRF _{FAL6}	RRF	% RSD
1,4-Dioxane	0.488	0.571	0.495	0.523	0.508		0.517	6.4
Benzaldehyde		1.124	1.111	1.040	0.761	0.650	0.937	23.2
Pyridine		1.580	1.401	1.504	1.496	1.473	1.491	4.3
Hexachloroethane	0.577	0.639	0.567	0.621	0.615		0.604	5.1
Nitrobenzene	0.369	0.439	0.382	0.405	0.400		0.399	6.7
Isophorone	0.675	0.802	0.701	0.753	0.748		0.736	6.7
2-Nitrophenol	0.154	0.193	0.179	0.195	0.197		0.183	9.7
2,4-Dimethylphenol	0.346	0.414	0.364	0.377	0.386		0.377	6.7
Bis(2-Chloroethoxy)methane	0.430	0.495	0.429	0.459	0.451		0.453	5.9
2,4-Dichlorophenol	0.283	0.338	0.297	0.322	0.323		0.313	7.1
Naphthalene	1.080	1.203	1.022	1.093	1.072		1.094	6.1
4-Chloroaniline		0.505	0.429	0.456	0.467	0.445	0.461	6.2
Hexachlorobutadiene	0.195	0.221	0.189	0.203	0.195		0.201	6.2
Phenol		1.928	1.725	1.842	1.874	1.871	1.848	4.1
Caprolactam		0.115	0.152	0.115	0.121	0.119	0.124	12.4
4-Chloro-3-methylphenol	0.332	0.395	0.354	0.378	0.382		0.368	6.9
1-Methylnaphthalene	0.733	0.841	0.723	0.763	0.755		0.763	6.1
2-Methylnaphthalene	0.734	0.830	0.712	0.743	0.750		0.754	6.0
Hexachlorocyclopentadiene		0.330	0.415	0.354	0.341	0.336	0.355	9.8
2,4,6-Trichlorophenol	0.333	0.402	0.370	0.404	0.404		0.383	8.2
2,4,5-Trichlorophenol	0.371	0.447	0.399	0.447	0.439		0.420	8.2
1,1-Biphenyl	1.462	1.671	1.418	1.520	1.468		1.508	6.5
2-Chloronaphthalene	1.119	1.294	1.111	1.192	1.157		1.175	6.3
2-Nitroaniline	0.319	0.404	0.366	0.407	0.401		0.380	9.9
Bis(2-Chloroethyl)ether		1.537	1.365	1.468	1.423	1.388	1.436	4.8
Dimethylphthalate	1.456	1.675	1.456	1.527	1.504		1.523	5.9
2,6-Dinitrotoluene	0.244	0.311	0.289	0.324	0.332		0.300	11.8
Acenaphthylene	1.716	2.005	1.755	1.893	1.830		1.840	6.2
3-Nitroaniline		0.341	0.330	0.352	0.326	0.308	0.331	5.0
Acenaphthene	1.249	1.439	1.255	1.327	1.298		1.314	5.9
2,4-Dinitrophenol		0.136	0.141	0.183	0.199	0.223	0.176	21.4
4-Nitrophenol		0.279	0.247	0.265	0.266	0.246	0.261	5.4
Dibenzofuran	1.741	1.970	1.728	1.811	1.731		1.796	5.7
2,4-Dinitrotoluene	0.369	0.474	0.444	0.488	0.485		0.452	10.9
Diethylphthalate	1.492	1.736	1.525	1.622	1.584		1.592	6.0
2-Chlorophenol	1.347	1.522	1.369	1.455	1.466		1.432	5.0

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.: BN091124

SAS No.: BN091124

SDG No.: BN091124

Instrument ID: _____

Calibration Date(s): 9/10/2024 : _____

Calibration Time(s): 17:22 _____

LAB FILE ID:		RRFAL1 = BN033845.D			RRFAL2 = BN033846.D		RRFAL3 = BN033847.D	
		RRFAL4 = BN033848.D			RRFAL5 = BN033849.D		RRFAL6 = BN033850.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.428	1.618	1.395	1.483	1.423		1.469	6.0
4-Chlorophenyl-phenylether	0.694	0.779	0.679	0.723	0.686		0.712	5.7
4-Nitroaniline		0.363	0.348	0.367	0.328	0.299	0.341	8.2
4,6-Dinitro-2-methylphenol		0.120	0.115	0.134	0.146	0.147	0.132	10.9
N-Nitrosodiphenylamine	0.576	0.660	0.566	0.596	0.598		0.599	6.1
1,2,4,5-Tetrachlorobenzene	0.542	0.632	0.554	0.586	0.572		0.577	6.1
4-Bromophenyl-phenylether	0.189	0.220	0.191	0.209	0.208		0.203	6.5
Hexachlorobenzene	0.225	0.258	0.226	0.231	0.239		0.236	5.9
Atrazine		0.240	0.211	0.219	0.223	0.193	0.217	7.9
Pentachlorophenol		0.152	0.140	0.159	0.166	0.168	0.157	7.2
2-Methylphenol		1.424	1.289	1.388	1.409	1.396	1.381	3.9
Phenanthrene	1.066	1.207	1.055	1.108	1.079		1.103	5.6
Pentachlorobenzene	0.278	0.313	0.266	0.280	0.280		0.283	6.2
Anthracene	1.089	1.240	1.072	1.117	1.114		1.126	5.9
1,2,3,4-Tetrachlorobenzene	0.264	0.308	0.264	0.277	0.278		0.278	6.5
Carbazole		1.164	0.991	1.049	1.022	0.957	1.036	7.6
Di-n-butylphthalate	1.231	1.430	1.284	1.341	1.302		1.318	5.6
Fluoranthene	1.231	1.427	1.254	1.329	1.272		1.303	6.0
Pyrene	1.357	1.544	1.334	1.414	1.354		1.400	6.1
Butylbenzylphthalate	0.564	0.664	0.602	0.658	0.653		0.628	7.0
3,3-Dichlorobenzidine		0.478	0.436	0.479	0.451	0.402	0.449	7.1
2,2-oxybis(1-Chloropropane)		2.341	2.076	2.165	2.051	1.958	2.118	6.8
Benzo(a)anthracene	1.369	1.566	1.358	1.452	1.384		1.426	6.1
Chrysene	1.336	1.479	1.287	1.369	1.331		1.361	5.3
Bis(2-ethylhexyl)phthalate	0.803	1.003	0.894	0.971	0.926		0.919	8.4
Di-n-octyl phthalate		1.386	1.272	1.424	1.362	1.210	1.331	6.6
Benzo(b)fluoranthene	1.155	1.340	1.152	1.242	1.209		1.219	6.3
Benzo(k)fluoranthene	1.129	1.333	1.138	1.210	1.205		1.203	6.8
Benzo(a)pyrene	1.054	1.256	1.096	1.180	1.174		1.152	6.9
Indeno(1,2,3-cd)pyrene	1.313	1.519	1.345	1.438	1.520		1.427	6.7
Dibenzo(a,h)anthracene	1.065	1.248	1.074	1.156	1.225		1.154	7.3
Benzo(g,h,i)perylene	1.004	1.180	1.044	1.124	1.188		1.108	7.4
Acetophenone		2.495	2.196	2.342	2.294	2.241	2.314	5.0
2,3,4,6-Tetrachlorophenol	0.304	0.364	0.343	0.372	0.362		0.349	7.8
1,4-Dioxane-d8	0.468	0.540	0.471	0.493	0.479		0.490	6.0
Pyridine-d5		1.532	1.375	1.462	1.463	1.453	1.457	3.8

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN091124 SAS No.: BN091124 SDG No.: BN091124
Instrument ID: _____ Calibration Date(s): 9/10/2024 : _____
Calibration Time(s): 17:22 _____

LAB FILE ID:		RRFAL1 = BN033845.D			RRFAL2 = BN033846.D		RRFAL3 = BN033847.D	
		RRFAL4 = BN033848.D			RRFAL5 = BN033849.D		RRFAL6 = BN033850.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.825	1.663	1.765	1.810	1.812	1.775	3.8
Bis-(2-Chloroethyl)ether-d8		1.205	1.052	1.119	1.069	1.062	1.101	5.8
2-Chlorophenol-d4	1.269	1.476	1.336	1.443	1.462		1.397	6.5
4-Methylphenol-d8		1.485	1.362	1.474	1.485	1.496	1.461	3.8
Nitrobenzene-d5	0.143	0.167	0.154	0.167	0.168		0.159	6.9
2-Nitrophenol-d4	0.136	0.168	0.155	0.179	0.183		0.164	11.8
2,4-Dichlorophenol-d3	0.275	0.331	0.292	0.322	0.323		0.309	7.7
4-Chloroaniline-d4		0.500	0.438	0.470	0.476	0.453	0.467	5.0
4-Methylphenol		1.600	1.445	1.553	1.545	1.543	1.537	3.7
Dimethylphthalate-d6	1.431	1.619	1.426	1.511	1.486		1.495	5.2
Acenaphthylene-d8	1.516	1.827	1.603	1.743	1.718		1.681	7.3
4-Nitrophenol-d4		0.308	0.283	0.317	0.321	0.304	0.307	4.8
Fluorene-d10	1.221	1.390	1.198	1.282	1.241		1.267	6.0
4,6-Dinitro-2-methylphenol		0.101	0.103	0.121	0.133	0.137	0.119	13.9
Anthracene-d10	0.886	1.030	0.902	0.943	0.940		0.940	5.9
Pyrene-d10	1.059	1.201	1.080	1.127	1.104		1.114	4.9
Benzo(a)pyrene-d12	0.933	1.121	0.973	1.054	1.056		1.027	7.3
N-Nitroso-di-n-propylamine	1.051	1.256	1.103	1.168	1.149		1.146	6.7

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.: BN100724 SAS No.: BN100724 SDG NO.: BN100724

EPA Sample No.: SSTD020219 Date Analyzed: Oct 7 2024 12:00AM

Lab File ID: BN033847.D Time Analyzed: 11:56

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	200340	7.499	881178	10.26	573184	14.14
	UPPER LIMIT	400680	7.999	1762356	10.757	1146368	14.639
	LOWER LIMIT	100170	6.999	440589	9.757	286592	13.639
	EPA SAMPLE NO.						
01	SBLK648	235819	7.38	929877	10.13	575204	14.03
02	A4EH3	248397	7.38	950316	10.13	556438	14.03
03	A4EH6	174561	7.38	697409	10.13	438132	14.03
04	A4EH7	145580	7.38	568231	10.13	363878	14.03
05	A4EJ8	165312	7.38	655783	10.13	409219	14.03
06	A4ET6	198550	7.38	782203	10.13	487885	14.03
07	E1H08	195534	7.38	785817	10.13	489930	14.03
08	SBLK651	230488	7.38	904640	10.13	541902	14.03
09	A4ET7	290209	7.38	1.15263e	10.13	693472	14.03
10	A4EW5	226405	7.38	922735	10.13	577355	14.03
11	A4EX1	258335	7.38	1.03421e	10.13	655309	14.03
12	SLCS648	272996	7.38	1.10978e	10.13	679237	14.03
13	A4EZ1	216815	7.38	838092	10.13	499423	14.03
14	A4EY4	287166	7.38	1.1502e+	10.13	692555	14.03
15	A4EX8	282196	7.38	1.13807e	10.13	679310	14.03
16	A4EW8	276075	7.38	1.1094e+	10.13	644884	14.03
17	A4EZ0	266653	7.38	1.01395e	10.13	596080	14.03
18	A4ER4	253927	7.38	984597	10.13	562895	14.03
19	A4ER5	260427	7.38	1.03368e	10.13	605545	14.03
20	A4ER6	219922	7.38	855356	10.13	522439	14.03
21	SLCS680	249727	7.38	975835	10.13	580702	14.03
22	SBLK680	256150	7.38	1.02268e	10.13	609203	14.03
23	EY048	248331	7.38	970384	10.13	557799	14.03

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100724 SAS No.: BN100724 SDG NO.: BN100724

EPA Sample No.: SSTD020219 Date Analyzed: Oct 8 2024 12:00AM

Lab File ID: BN033847.D Time Analyzed: 06:03

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	200340	7.499	881178	10.26	573184	14.14
UPPER LIMIT	400680	7.999	1762356	10.757	1146368	14.639
LOWER LIMIT	100170	6.999	440589	9.757	286592	13.639
EPA SAMPLE NO.						
24 EY045	231530	7.38	903560	10.13	529809	14.03
25 A4EZ2	235497	7.38	959176	10.13	593627	14.03
26 A4EB0	231403	7.38	936156	10.13	570227	14.03
27 EY046	242523	7.38	989679	10.13	615868	14.03
28 EY047	214466	7.38	832021	10.13	486713	14.03

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.: BN100724 SAS No.: BN100724 SDG NO.: BN100724

EPA Sample No.: SSTD020337 Date Analyzed: Oct 7 2024 12:00AM

Lab File ID: BN034434.D Time Analyzed: 11:56

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	139726	7.375	560909	10.13	349810	14.03
UPPER LIMIT	279452	7.875	1121818	10.628	699620	14.528
LOWER LIMIT	69863	6.875	280454.5	9.628	174905	13.528
EPA SAMPLE NO.						
01 SBLK648	235819	7.38	929877	10.13	575204	14.03
02 A4EH3	248397	7.38	950316	10.13	556438	14.03
03 A4EH6	174561	7.38	697409	10.13	438132	14.03
04 A4EH7	145580	7.38	568231	10.13	363878	14.03
05 A4EJ8	165312	7.38	655783	10.13	409219	14.03
06 A4ET6	198550	7.38	782203	10.13	487885	14.03
07 E1H08	195534	7.38	785817	10.13	489930	14.03

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.: BN100724 SAS No.: BN100724 SDG NO.: BN100724

EPA Sample No.: SSTD020338 Date Analyzed: Oct 7 2024 12:00AM

Lab File ID: BN034442.D Time Analyzed: 18:15

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	208560	7.375	834792	10.13	508185	14.03
UPPER LIMIT	417120	7.875	1669584	10.633	1016370	14.533
LOWER LIMIT	104280	6.875	417396	9.633	254092.5	13.533
EPA SAMPLE NO.						
01 SBLK651	230488	7.38	904640	10.13	541902	14.03
02 A4ET7	290209	7.38	1.15263e	10.13	693472	14.03
03 A4EW5	226405	7.38	922735	10.13	577355	14.03
04 A4EX1	258335	7.38	1.03421e	10.13	655309	14.03
05 SLCS648	272996	7.38	1.10978e	10.13	679237	14.03
06 A4EZ1	216815	7.38	838092	10.13	499423	14.03
07 A4EY4	287166	7.38	1.1502e+	10.13	692555	14.03
08 A4EX8	282196	7.38	1.13807e	10.13	679310	14.03
09 A4EW8	276075	7.38	1.1094e+	10.13	644884	14.03
10 A4EZ0	266653	7.38	1.01395e	10.13	596080	14.03
11 A4ER4	253927	7.38	984597	10.13	562895	14.03
12 A4ER5	260427	7.38	1.03368e	10.13	605545	14.03
13 A4ER6	219922	7.38	855356	10.13	522439	14.03
14 SLCS680	249727	7.38	975835	10.13	580702	14.03

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.: BN100724 SAS No.: BN100724 SDG NO.: BN100724

EPA Sample No.: SSTD020339 Date Analyzed: Oct 8 2024 12:00AM

Lab File ID: BN034457.D Time Analyzed: 04:44

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	228484	7.375	931812	10.13	584677	14.03
UPPER LIMIT	456968	7.875	1863624	10.634	1169354	14.534
LOWER LIMIT	114242	6.875	465906	9.634	292338.5	13.534
EPA SAMPLE NO.						
01 SBLK680	256150	7.38	1.02268e	10.13	609203	14.03
02 EY048	248331	7.38	970384	10.13	557799	14.03
03 EY045	231530	7.38	903560	10.13	529809	14.03
04 A4EZ2	235497	7.38	959176	10.13	593627	14.03
05 A4EB0	231403	7.38	936156	10.13	570227	14.03
06 EY046	242523	7.38	989679	10.13	615868	14.03
07 EY047	214466	7.38	832021	10.13	486713	14.03

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.: BN100724 SAS No.: BN100724 SDG NO.: BN100724

EPA Sample No.: SSTD020219 Date Analyzed: Oct 7 2024 12:00AM

Lab File ID: BN033847.D Time Analyzed: 11:56

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	1.22678e+0	16.898	1.2023e+0	21.127	1.43568e+0	23.91
	UPPER LIMIT	2453560	17.398	2404600	21.627	2871360	24.41
	LOWER LIMIT	613390	16.398	601150	20.627	717840	23.41
	EPA SAMPLE NO.						
01	SBLK648	1.18301	16.79	1.03969e+	21.02	1.09389e+	23.73
02	A4EH3	1.07022	16.79	975502	21.02	1.26141e+	23.73
03	A4EH6	925758	16.79	885503	21.03	932378	23.73
04	A4EH7	783400	16.79	798775	21.03	844881	23.73
05	A4EJ8	876049	16.79	913282	21.03	956088	23.74
06	A4ET6	987759	16.79	807396	21.03	875533	23.73
07	E1H08	996857	16.79	770643	21.03	910704	23.74
08	SBLK651	1.05292	16.79	863028	21.03	990858	23.73
09	A4ET7	1.38313	16.79	1.03453e+	21.03	1.21807e+	23.73
10	A4EW5	1.19058	16.79	907796	21.03	968474	23.73
11	A4EX1	1.32318	16.79	920362	21.03	1.04923e+	23.73
12	SLCS648	1.36435	16.79	936134	21.03	1.07579e+	23.74
13	A4EZ1	1.01316	16.79	949628	21.03	1.17738e+	23.73
14	A4EY4	1.24064	16.79	1.00146e+	21.02	1.18043e+	23.73
15	A4EX8	1.22525	16.79	955576	21.03	1.1678e+0	23.73
16	A4EW8	1.14936	16.79	964441	21.03	1.17306e+	23.73
17	A4EZ0	1.11259	16.79	1.02756e+	21.02	1.28343e+	23.73
18	A4ER4	1.04793	16.79	947269	21.02	1.18304e+	23.73
19	A4ER5	1.09458	16.79	943820	21.02	1.17378e+	23.73
20	A4ER6	1.027e+	16.79	1.00909e+	21.02	1.23246e+	23.73
21	SLCS680	1.09537	16.79	966010	21.03	1.17827e+	23.73

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100724 SAS No.: BN100724 SDG NO.: BN100724

EPA Sample No.: SSTD020219 Date Analyzed: Oct 8 2024 12:00AM

Lab File ID: BN033847.D Time Analyzed: 04:44

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	1.22678e+04	16.898	1.2023e+04	21.127	1.43568e+04	23.91
UPPER LIMIT	2453560	17.398	2404600	21.627	2871360	24.41
LOWER LIMIT	613390	16.398	601150	20.627	717840	23.41
EPA SAMPLE NO.						
22 SBLK680	1.11227	16.79	888693	21.02	1.06357e+	23.73
23 EY048	1.0371e	16.79	936170	21.02	1.14855e+	23.73
24 EY045	986916	16.79	833400	21.02	1.00323e+	23.73
25 A4EZ2	1.16317	16.79	845317	21.02	975631	23.73
26 A4EB0	1.11089	16.79	817524	21.02	967399	23.73
27 EY046	1.16542	16.79	825870	21.02	992240	23.73
28 EY047	962900	16.79	896289	21.02	1.08525e+	23.73

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.: BN100724 SAS No.: BN100724 SDG NO.: BN100724

EPA Sample No.: SSTD020337 Date Analyzed: Oct 7 2024 12:00AM

Lab File ID: BN034434.D Time Analyzed: 11:56

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	736101	16.786	706768	21.021	752776	23.727
UPPER LIMIT	1472202	17.286	1413536	21.521	1505552	24.227
LOWER LIMIT	368050.5	16.286	353384	20.521	376388	23.227
EPA SAMPLE NO.						
01 SBLK648	1.18301	16.79	1.03969e+	21.02	1.09389e+	23.73
02 A4EH3	1.07022	16.79	975502	21.02	1.26141e+	23.73
03 A4EH6	925758	16.79	885503	21.03	932378	23.73
04 A4EH7	783400	16.79	798775	21.03	844881	23.73
05 A4EJ8	876049	16.79	913282	21.03	956088	23.74
06 A4ET6	987759	16.79	807396	21.03	875533	23.73
07 E1H08	996857	16.79	770643	21.03	910704	23.74

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.: BN100724 SAS No.: BN100724 SDG NO.: BN100724

EPA Sample No.: SSTD020338 Date Analyzed: Oct 7 2024 12:00AM

Lab File ID: BN034442.D Time Analyzed: 18:15

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	996492	16.792	775843	21.027	922059	23.733
UPPER LIMIT	1992984	17.292	1551686	21.527	1844118	24.233
LOWER LIMIT	498246	16.292	387921.5	20.527	461029.5	23.233
EPA SAMPLE NO.						
01 SBLK651	1.05292	16.79	863028	21.03	990858	23.73
02 A4ET7	1.38313	16.79	1.03453e+	21.03	1.21807e+	23.73
03 A4EW5	1.19058	16.79	907796	21.03	968474	23.73
04 A4EX1	1.32318	16.79	920362	21.03	1.04923e+	23.73
05 SLCS648	1.36435	16.79	936134	21.03	1.07579e+	23.74
06 A4EZ1	1.01316	16.79	949628	21.03	1.17738e+	23.73
07 A4EY4	1.24064	16.79	1.00146e+	21.02	1.18043e+	23.73
08 A4EX8	1.22525	16.79	955576	21.03	1.1678e+0	23.73
09 A4EW8	1.14936	16.79	964441	21.03	1.17306e+	23.73
10 A4EZ0	1.11259	16.79	1.02756e+	21.02	1.28343e+	23.73
11 A4ER4	1.04793	16.79	947269	21.02	1.18304e+	23.73
12 A4ER5	1.09458	16.79	943820	21.02	1.17378e+	23.73
13 A4ER6	1.027e+	16.79	1.00909e+	21.02	1.23246e+	23.73
14 SLCS680	1.09537	16.79	966010	21.03	1.17827e+	23.73

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.: BN100724 SAS No.: BN100724 SDG NO.: BN100724

EPA Sample No.: SSTD020339 Date Analyzed: Oct 8 2024 12:00AM

Lab File ID: BN034457.D Time Analyzed: 04:44

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	1.12074e+04	16.792	788932	21.021	919592	23.733
UPPER LIMIT	2241480	17.292	1577864	21.521	1839184	24.233
LOWER LIMIT	560370	16.292	394466	20.521	459796	23.233
EPA SAMPLE NO.						
01 SBLK680	1.11227	16.79	888693	21.02	1.06357e+	23.73
02 EY048	1.0371e	16.79	936170	21.02	1.14855e+	23.73
03 EY045	986916	16.79	833400	21.02	1.00323e+	23.73
04 A4EZ2	1.16317	16.79	845317	21.02	975631	23.73
05 A4EB0	1.11089	16.79	817524	21.02	967399	23.73
06 EY046	1.16542	16.79	825870	21.02	992240	23.73
07 EY047	962900	16.79	896289	21.02	1.08525e+	23.73

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.: BN100724

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163648BS	1,4-Dioxane	530	290	ug/Kg	55				0	0		
	Benzaldehyde	1300	710	ug/Kg	55				0	0		
	Pyridine	1300	630	ug/Kg	48				0	0		
	Phenol	1300	700	ug/Kg	54				0	0		
	Bis(2-chloroethyl)ether	1300	740	ug/Kg	57				0	0		
	2-Chlorophenol	1300	800	ug/Kg	62				0	0		
	2-Methylphenol	1300	730	ug/Kg	56				0	0		
	2,2-oxybis(1-Chloropropane)	1300	660	ug/Kg	51				0	0		
	Acetophenone	1300	700	ug/Kg	54				0	0		
	4-Methylphenol	1300	720	ug/Kg	55				0	0		
	N-Nitroso-di-n-propylamine	1300	680	ug/Kg	52				0	0		
	Hexachloroethane	1300	800	ug/Kg	62				0	0		
	Nitrobenzene	1300	740	ug/Kg	57				0	0		
	Isophorone	1300	750	ug/Kg	58				0	0		
	2-Nitrophenol	1300	890	ug/Kg	68				0	0		
	2,4-Dimethylphenol	1300	620	ug/Kg	48				0	0		
	Bis(2-chloroethoxy)methane	1300	780	ug/Kg	60				0	0		
	2,4-Dichlorophenol	1300	850	ug/Kg	65				0	0		
	Naphthalene	1300	800	ug/Kg	62				0	0		
	4-Chloroaniline	1300	620	ug/Kg	48				0	0		
	Hexachlorobutadiene	1300	880	ug/Kg	68				0	0		
	Caprolactam	1300	670	ug/Kg	52				0	0		
	4-Chloro-3-methylphenol	1300	750	ug/Kg	58				0	0		
	1-Methylnaphthalene	1300	790	ug/Kg	61				0	0		
	2-Methylnaphthalene	1300	800	ug/Kg	62				0	0		
	Hexachlorocyclopentadiene	1300	610	ug/Kg	47				0	0		
	2,4,6-Trichlorophenol	1300	890	ug/Kg	68				0	0		
	2,4,5-Trichlorophenol	1300	890	ug/Kg	68				0	0		
	1,1'-Biphenyl	1300	840	ug/Kg	65				0	0		
	2-Chloronaphthalene	1300	830	ug/Kg	64				0	0		
	2-Nitroaniline	1300	720	ug/Kg	55				0	0		
	Dimethylphthalate	1300	800	ug/Kg	62				0	0		
	2,6-Dinitrotoluene	1300	890	ug/Kg	68				0	0		
	Acenaphthylene	1300	830	ug/Kg	64				0	0		
	3-Nitroaniline	1300	810	ug/Kg	62				0	0		
	Acenaphthene	1300	800	ug/Kg	62				0	0		
	2,4-Dinitrophenol	1300	660	ug/Kg	51				0	0		
	4-Nitrophenol	1300	620	ug/Kg	48				0	0		
	Dibenzofuran	1300	810	ug/Kg	62				0	0		
	2,4-Dinitrotoluene	1300	840	ug/Kg	65				0	0		
	Diethylphthalate	1300	790	ug/Kg	61				0	0		
	Fluorene	1300	800	ug/Kg	62				0	0		
	4-Chlorophenyl-phenylether	1300	810	ug/Kg	62				0	0		
	4-Nitroaniline	1300	810	ug/Kg	62				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN100724

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB163648BS	4,6-Dinitro-2-methylphenol	1300	750	ug/Kg	58				0	0	
	N-Nitrosodiphenylamine	1300	850	ug/Kg	65				0	0	
	1,2,4,5-Tetrachlorobenzene	1300	920	ug/Kg	71				0	0	
	4-Bromophenyl-phenylether	1300	930	ug/Kg	72				0	0	
	Hexachlorobenzene	1300	920	ug/Kg	71				0	0	
	Atrazine	1300	670	ug/Kg	52				0	0	
	Pentachlorophenol	1300	850	ug/Kg	65				0	0	
	Phenanthrene	1300	820	ug/Kg	63				0	0	
	Pentachlorobenzene	1300	890	ug/Kg	68				0	0	
	Anthracene	1300	780	ug/Kg	60				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	930	ug/Kg	72				0	0	
	Carbazole	1300	780	ug/Kg	60				0	0	
	Di-n-butylphthalate	1300	830	ug/Kg	64				0	0	
	Fluoranthene	1300	1100	ug/Kg	85				0	0	
	Pyrene	1300	990	ug/Kg	76				0	0	
	Butylbenzylphthalate	1300	1000	ug/Kg	77				0	0	
	3,3'-Dichlorobenzidine	1300	840	ug/Kg	65				0	0	
	Benzo(a)anthracene	1300	820	ug/Kg	63				0	0	
	Chrysene	1300	790	ug/Kg	61				0	0	
	Bis(2-ethylhexyl)phthalate	1300	1000	ug/Kg	77				0	0	
	Di-n-octylphthalate	1300	980	ug/Kg	75				0	0	
	Benzo(b)fluoranthene	1300	830	ug/Kg	64				0	0	
	Benzo(k)fluoranthene	1300	840	ug/Kg	65				0	0	
	Benzo(a)pyrene	1300	790	ug/Kg	61				0	0	
	Indeno(1,2,3-cd)pyrene	1300	890	ug/Kg	68				0	0	
	Dibenzo(a,h)anthracene	1300	890	ug/Kg	68				0	0	
	Benzo(g,h,i)perylene	1300	900	ug/Kg	69				0	0	
	2,3,4,6-Tetrachlorophenol	1300	890	ug/Kg	68				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN100724

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Low	Limits		RPD
								Qual		High		
PB163680BS	1,4-Dioxane	16	9.9	ug/L	62				0	0		
	Benzaldehyde	40	23	ug/L	58				0	0		
	Pyridine	40	21	ug/L	52				0	0		
	Phenol	40	23	ug/L	58				0	0		
	Bis(2-chloroethyl)ether	40	25	ug/L	63				0	0		
	2-Chlorophenol	40	26	ug/L	65				0	0		
	2-Methylphenol	40	24	ug/L	60				0	0		
	2,2-oxybis(1-Chloropropane)	40	22	ug/L	55				0	0		
	Acetophenone	40	22	ug/L	55				0	0		
	4-Methylphenol	40	23	ug/L	58				0	0		
	N-Nitroso-di-n-propylamine	40	22	ug/L	55				0	0		
	Hexachloroethane	40	27	ug/L	68				0	0		
	Nitrobenzene	40	24	ug/L	60				0	0		
	Isophorone	40	25	ug/L	63				0	0		
	2-Nitrophenol	40	30	ug/L	75				0	0		
	2,4-Dimethylphenol	40	21	ug/L	52				0	0		
	Bis(2-chloroethoxy)methane	40	26	ug/L	65				0	0		
	2,4-Dichlorophenol	40	28	ug/L	70				0	0		
	Naphthalene	40	27	ug/L	68				0	0		
	4-Chloroaniline	40	21	ug/L	52				0	0		
	Hexachlorobutadiene	40	29	ug/L	73				0	0		
	Caprolactam	40	22	ug/L	55				0	0		
	4-Chloro-3-methylphenol	40	24	ug/L	60				0	0		
	1-Methylnaphthalene	40	25	ug/L	63				0	0		
	2-Methylnaphthalene	40	26	ug/L	65				0	0		
	Hexachlorocyclopentadiene	40	18	ug/L	45				0	0		
	2,4,6-Trichlorophenol	40	29	ug/L	73				0	0		
	2,4,5-Trichlorophenol	40	29	ug/L	73				0	0		
	1,1'-Biphenyl	40	28	ug/L	70				0	0		
	2-Chloronaphthalene	40	28	ug/L	70				0	0		
	2-Nitroaniline	40	24	ug/L	60				0	0		
	Dimethylphthalate	40	26	ug/L	65				0	0		
	2,6-Dinitrotoluene	40	29	ug/L	73				0	0		
	Acenaphthylene	40	27	ug/L	68				0	0		
	3-Nitroaniline	40	26	ug/L	65				0	0		
	Acenaphthene	40	26	ug/L	65				0	0		
	2,4-Dinitrophenol	40	20	ug/L	50				0	0		
	4-Nitrophenol	40	20	ug/L	50				0	0		
	Dibenzofuran	40	26	ug/L	65				0	0		
	2,4-Dinitrotoluene	40	27	ug/L	68				0	0		
	Diethylphthalate	40	26	ug/L	65				0	0		
	Fluorene	40	25	ug/L	63				0	0		
	4-Chlorophenyl-phenylether	40	26	ug/L	65				0	0		
	4-Nitroaniline	40	26	ug/L	65				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN100724

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163680BS	4,6-Dinitro-2-methylphenol	40	24	ug/L	60				0	0		
	N-Nitrosodiphenylamine	40	29	ug/L	73				0	0		
	1,2,4,5-Tetrachlorobenzene	40	30	ug/L	75				0	0		
	4-Bromophenyl-phenylether	40	32	ug/L	80				0	0		
	Hexachlorobenzene	40	31	ug/L	78				0	0		
	Atrazine	40	22	ug/L	55				0	0		
	Pentachlorophenol	40	28	ug/L	70				0	0		
	Phenanthrene	40	27	ug/L	68				0	0		
	Pentachlorobenzene	40	30	ug/L	75				0	0		
	Anthracene	40	27	ug/L	68				0	0		
	1,2,3,4-Tetrachlorobenzene	40	32	ug/L	80				0	0		
	Carbazole	40	26	ug/L	65				0	0		
	Di-n-butylphthalate	40	28	ug/L	70				0	0		
	Fluoranthene	40	30	ug/L	75				0	0		
	Pyrene	40	28	ug/L	70				0	0		
	Butylbenzylphthalate	40	30	ug/L	75				0	0		
	3,3'-Dichlorobenzidine	40	28	ug/L	70				0	0		
	Benzo(a)anthracene	40	27	ug/L	68				0	0		
	Chrysene	40	27	ug/L	68				0	0		
	Bis(2-ethylhexyl)phthalate	40	30	ug/L	75				0	0		
	Di-n-octylphthalate	40	30	ug/L	75				0	0		
	Benzo(b)fluoranthene	40	27	ug/L	68				0	0		
	Benzo(k)fluoranthene	40	27	ug/L	68				0	0		
	Benzo(a)pyrene	40	26	ug/L	65				0	0		
	Indeno(1,2,3-cd)pyrene	40	30	ug/L	75				0	0		
	Dibenzo(a,h)anthracene	40	30	ug/L	75				0	0		
	Benzo(g,h,i)perylene	40	30	ug/L	75				0	0		
	2,3,4,6-Tetrachlorophenol	40	29	ug/L	73				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK648

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN100724

SAS No.: BN100724 SDG NO.: BN100724

Lab File ID: BN034435.D

Lab Sample ID: PB163648BL

Instrument ID: BNA_N

Date Extracted: 09/24/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/07/2024

Level: (low/med) LOW

Time Analyzed: 11:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4EH3	P4109-01	BN034436.D	10/07/2024
A4EH6	P4109-03	BN034437.D	10/07/2024
A4EH7	P4109-04	BN034438.D	10/07/2024
A4EJ8	P4109-06	BN034439.D	10/07/2024
A4ET6	P4109-14	BN034440.D	10/07/2024
A4ET7	P4109-15	BN034444.D	10/07/2024
A4EW5	P4109-21	BN034445.D	10/07/2024
A4EX1	P4109-23	BN034446.D	10/07/2024
PB163648BS	PB163648BS	BN034447.D	10/07/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK651

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN100724SAS No.: BN100724 SDG NO.: BN100724Lab File ID: BN034443.DLab Sample ID: PB163651BLInstrument ID: BNA_NDate Extracted: 09/24/2024Matrix: (soil/water) SolidDate Analyzed: 10/07/2024Level: (low/med) LOWTime Analyzed: 18:15

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4EZ1	P4131-17	BN034448.D	10/07/2024
A4EY4	P4131-15	BN034449.D	10/07/2024
A4EX8	P4131-13	BN034450.D	10/07/2024
A4EW8	P4131-07	BN034451.D	10/07/2024
A4EZ0	P4131-16	BN034452.D	10/08/2024
A4ER4	P4131-22	BN034453.D	10/08/2024
A4ER5	P4131-23	BN034454.D	10/08/2024
A4ER6	P4131-24	BN034455.D	10/08/2024
A4EZ2	P4131-18	BN034461.D	10/08/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK680

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN100724

SAS No.: BN100724 SDG NO.: BN100724

Lab File ID: BN034458.D

Lab Sample ID: PB163680BL

Instrument ID: BNA_N

Date Extracted: 09/25/2024

Matrix: (soil/water) Water

Date Analyzed: 10/08/2024

Level: (low/med) LOW

Time Analyzed: 04:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EY048	P4187-04	BN034459.D	10/08/2024
EY045	P4187-01	BN034460.D	10/08/2024
A4EB0	P4131-06	BN034462.D	10/08/2024
EY046	P4187-02	BN034463.D	10/08/2024
EY047	P4187-03	BN034464.D	10/08/2024
PB163680BS	PB163680BS	BN034456.D	10/08/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

E1H08

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN100724

SAS No.: BN100724 SDG NO.: BN100724

Lab File ID: BN034441.D

Lab Sample ID: P4218-01

Instrument ID: BNA_N

Date Extracted: 10/01/2024

Matrix: (soil/water) water

Date Analyzed: 10/07/2024

Level: (low/med) LOW

Time Analyzed: 16:57

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1H08	P4218-01	BN034441.D	10/07/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BN100724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4109-01	A4EH3	BN034436.D	1,4-Dioxane-d8	8	2.26	28		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	9.66	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.40	26		10	150
			2-Chlorophenol-d4	40	11.54	29		15	120
			4-Methylphenol-d8	40	7.28	18		10	140
			Nitrobenzene-d5	40	11.99	30		10	135
			2-Nitrophenol-d4	40	11.99	30		10	120
			2,4-Dichlorophenol-d3	40	11.78	29		10	140
			4-Chloroaniline-d4	40	2.83	7		1	145
			Dimethylphthalate-d6	40	12.94	32		10	145
			Acenaphthylene-d8	40	12.66	32		15	120
			4-Nitrophenol-d4	40	5.44	14		10	150
			Fluorene-d10	40	13.15	33		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.22	21		10	130
			Anthracene-d10	40	13.28	33		10	150
			Pyrene-d10	40	11.41	29		10	130
			Benzo(a)pyrene-d12	40	7.69	19		10	140
P4109-03	A4EH6	BN034437.D	1,4-Dioxane-d8	8	2.12	27		15	120
			Pyridine-d5	40	1.02	3	*	20	120
			Phenol-d5	40	10.25	26		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.43	29		10	150
			2-Chlorophenol-d4	40	12.48	31		15	120
			4-Methylphenol-d8	40	7.89	20		10	140
			Nitrobenzene-d5	40	12.75	32		10	135
			2-Nitrophenol-d4	40	13.33	33		10	120
			2,4-Dichlorophenol-d3	40	12.64	32		10	140
			4-Chloroaniline-d4	40	2.82	7		1	145
			Dimethylphthalate-d6	40	13.50	34		10	145
			Acenaphthylene-d8	40	13.84	35		15	120
			4-Nitrophenol-d4	40	5.39	13		10	150
			Fluorene-d10	40	14.32	36		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.27	21		10	130
			Anthracene-d10	40	14.18	35		10	150
			Pyrene-d10	40	13.10	33		10	130
			Benzo(a)pyrene-d12	40	8.58	21		10	140
P4109-04	A4EH7	BN034438.D	1,4-Dioxane-d8	8	1.98	25		15	120
			Pyridine-d5	40	0.74	2	*	20	120
			Phenol-d5	40	9.98	25		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.00	25		10	150
			2-Chlorophenol-d4	40	11.60	29		15	120
			4-Methylphenol-d8	40	8.84	22		10	140
			Nitrobenzene-d5	40	11.71	29		10	135
			2-Nitrophenol-d4	40	12.29	31		10	120
			2,4-Dichlorophenol-d3	40	12.11	30		10	140
			4-Chloroaniline-d4	40	5.84	15		1	145
			Dimethylphthalate-d6	40	12.55	31		10	145
			Acenaphthylene-d8	40	12.45	31		15	120
			4-Nitrophenol-d4	40	5.84	15		10	150

Surrogate Summary

SW-846

SDG No.: **BN100724**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4109-04	A4EH7	BN034438.D	Fluorene-d10	40	13.25	33		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.94	17		10	130
			Anthracene-d10	40	13.20	33		10	150
			Pyrene-d10	40	11.17	28		10	130
			Benzo(a)pyrene-d12	40	7.97	20		10	140
P4109-06	A4EJ8	BN034439.D	1,4-Dioxane-d8	8	1.22	15		15	120
			Pyridine-d5	40	0.67	2	*	20	120
			Phenol-d5	40	5.80	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	6.34	16		10	150
			2-Chlorophenol-d4	40	7.10	18		15	120
			4-Methylphenol-d8	40	3.47	9	*	10	140
			Nitrobenzene-d5	40	7.12	18		10	135
			2-Nitrophenol-d4	40	7.18	18		10	120
			2,4-Dichlorophenol-d3	40	6.80	17		10	140
			4-Chloroaniline-d4	40	2.20	5		1	145
			Dimethylphthalate-d6	40	7.41	19		10	145
			Acenaphthylene-d8	40	7.44	19		15	120
			4-Nitrophenol-d4	40	3.02	8	*	10	150
			Fluorene-d10	40	8.11	20		20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.70	9	*	10	130
			Anthracene-d10	40	7.96	20		10	150
			Pyrene-d10	40	6.91	17		10	130
			Benzo(a)pyrene-d12	40	4.70	12		10	140
P4109-14	A4ET6	BN034440.D	1,4-Dioxane-d8	8	1.27	16		15	120
			Pyridine-d5	40	0.54	1	*	20	120
			Phenol-d5	40	5.92	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	6.41	16		10	150
			2-Chlorophenol-d4	40	7.30	18		15	120
			4-Methylphenol-d8	40	4.79	12		10	140
			Nitrobenzene-d5	40	7.21	18		10	135
			2-Nitrophenol-d4	40	7.63	19		10	120
			2,4-Dichlorophenol-d3	40	7.50	19		10	140
			4-Chloroaniline-d4	40	3.18	8		1	145
			Dimethylphthalate-d6	40	7.85	20		10	145
			Acenaphthylene-d8	40	7.90	20		15	120
			4-Nitrophenol-d4	40	3.18	8	*	10	150
			Fluorene-d10	40	8.31	21		20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.80	10		10	130
			Anthracene-d10	40	8.36	21		10	150
			Pyrene-d10	40	8.08	20		10	130
			Benzo(a)pyrene-d12	40	4.81	12		10	140
P4109-15	A4ET7	BN034444.D	1,4-Dioxane-d8	8	2.75	34		15	120
			Pyridine-d5	40	11.64	29		20	120
			Phenol-d5	40	13.55	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.84	32		10	150
			2-Chlorophenol-d4	40	15.33	38		15	120
			4-Methylphenol-d8	40	13.88	35		10	140
			Nitrobenzene-d5	40	15.46	39		10	135
			2-Nitrophenol-d4	40	16.92	42		10	120

Surrogate Summary

SW-846

SDG No.: **BN100724**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4109-15	A4ET7	BN034444.D	2,4-Dichlorophenol-d3	40	16.16	40		10	140
			4-Chloroaniline-d4	40	14.26	36		1	145
			Dimethylphthalate-d6	40	17.86	45		10	145
			Acenaphthylene-d8	40	17.67	44		15	120
			4-Nitrophenol-d4	40	9.75	24		10	150
			Fluorene-d10	40	17.73	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.53	29		10	130
			Anthracene-d10	40	18.03	45		10	150
			Pyrene-d10	40	21.72	54		10	130
			Benzo(a)pyrene-d12	40	18.85	47		10	140
P4109-21	A4EW5	BN034445.D	1,4-Dioxane-d8	8	3.07	38		15	120
			Pyridine-d5	40	12.91	32		20	120
			Phenol-d5	40	16.36	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.29	38		10	150
			2-Chlorophenol-d4	40	18.27	46		15	120
			4-Methylphenol-d8	40	17.11	43		10	140
			Nitrobenzene-d5	40	18.73	47		10	135
			2-Nitrophenol-d4	40	20.00	50		10	120
			2,4-Dichlorophenol-d3	40	19.68	49		10	140
			4-Chloroaniline-d4	40	16.90	42		1	145
			Dimethylphthalate-d6	40	20.38	51		10	145
			Acenaphthylene-d8	40	20.72	52		15	120
			4-Nitrophenol-d4	40	11.82	30		10	150
			Fluorene-d10	40	20.94	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.65	32		10	130
			Anthracene-d10	40	20.93	52		10	150
			Pyrene-d10	40	25.38	63		10	130
			Benzo(a)pyrene-d12	40	22.09	55		10	140
P4109-23	A4EX1	BN034446.D	1,4-Dioxane-d8	8	1.32	16		15	120
			Pyridine-d5	40	0.51	1	*	20	120
			Phenol-d5	40	6.50	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	6.93	17		10	150
			2-Chlorophenol-d4	40	7.90	20		15	120
			4-Methylphenol-d8	40	5.09	13		10	140
			Nitrobenzene-d5	40	8.16	20		10	135
			2-Nitrophenol-d4	40	8.43	21		10	120
			2,4-Dichlorophenol-d3	40	8.06	20		10	140
			4-Chloroaniline-d4	40	0.83	2		1	145
			Dimethylphthalate-d6	40	8.99	22		10	145
			Acenaphthylene-d8	40	8.79	22		15	120
			4-Nitrophenol-d4	40	3.39	8	*	10	150
			Fluorene-d10	40	9.25	23		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.82	12		10	130
			Anthracene-d10	40	9.13	23		10	150
			Pyrene-d10	40	9.40	23		10	130
			Benzo(a)pyrene-d12	40	5.12	13		10	140
PB163648BL	PB163648BL	BN034435.D	Pyridine-d5	40	20.95	52		20	120
			1,4-Dioxane-d8	8	5.11	64		15	120
			Phenol-d5	40	20.77	52		10	130

Surrogate Summary

SW-846

SDG No.: BN100724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163648BL	PB163648BL	BN034435.D	Bis(2-Chloroethyl)ether-d8	40	21.25	53		10	150
			2-Chlorophenol-d4	40	23.95	60		15	120
			4-Methylphenol-d8	40	20.55	51		10	140
			Nitrobenzene-d5	40	24.49	61		10	135
			2-Nitrophenol-d4	40	25.50	64		10	120
			2,4-Dichlorophenol-d3	40	23.42	59		10	140
			4-Chloroaniline-d4	40	22.96	57		1	145
			Dimethylphthalate-d6	40	24.75	62		10	145
			Acenaphthylene-d8	40	24.34	61		15	120
			4-Nitrophenol-d4	40	15.08	38		10	150
			Fluorene-d10	40	24.44	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.96	42		10	130
			Anthracene-d10	40	24.70	62		10	150
			Pyrene-d10	40	26.83	67		10	130
			Benzo(a)pyrene-d12	40	25.15	63		10	140
PB163648BS	PB163648BS	BN034447.D	1,4-Dioxane-d8	8	4.42	55		15	120
			Pyridine-d5	40	20.18	50		20	120
			Phenol-d5	40	22.34	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.33	53		10	150
			2-Chlorophenol-d4	40	25.56	64		15	120
			4-Methylphenol-d8	40	22.36	56		10	140
			Nitrobenzene-d5	40	26.31	66		10	135
			2-Nitrophenol-d4	40	28.75	72		10	120
			2,4-Dichlorophenol-d3	40	27.02	68		10	140
			4-Chloroaniline-d4	40	23.33	58		1	145
			Dimethylphthalate-d6	40	25.52	64		10	145
			Acenaphthylene-d8	40	26.38	66		15	120
			4-Nitrophenol-d4	40	22.39	56		10	150
			Fluorene-d10	40	25.11	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.70	57		10	130
			Anthracene-d10	40	24.74	62		10	150
			Pyrene-d10	40	31.49	79		10	130
			Benzo(a)pyrene-d12	40	25.97	65		10	140

Surrogate Summary

SW-846

SDG No.: BN100724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4131-07	A4EW8	BN034451.D	1,4-Dioxane-d8	8	1.19	15		15	120
			Pyridine-d5	40	0.55	1	*	20	120
			Phenol-d5	40	5.99	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	6.47	16		10	150
			2-Chlorophenol-d4	40	7.13	18		15	120
			4-Methylphenol-d8	40	3.98	10		10	140
			Nitrobenzene-d5	40	7.57	19		10	135
			2-Nitrophenol-d4	40	7.99	20		10	120
			2,4-Dichlorophenol-d3	40	7.41	19		10	140
			4-Chloroaniline-d4	40	1.74	4		1	145
			Dimethylphthalate-d6	40	8.14	20		10	145
			Acenaphthylene-d8	40	8.01	20		15	120
			4-Nitrophenol-d4	40	3.07	8	*	10	150
			Fluorene-d10	40	7.88	20		20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.44	9	*	10	130
			Anthracene-d10	40	8.14	20		10	150
			Pyrene-d10	40	6.87	17		10	130
			Benzo(a)pyrene-d12	40	4.51	11		10	140
P4131-13	A4EX8	BN034450.D	1,4-Dioxane-d8	8	1.48	19		15	120
			Pyridine-d5	40	0.46	1	*	20	120
			Phenol-d5	40	7.26	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	7.92	20		10	150
			2-Chlorophenol-d4	40	9.00	23		15	120
			4-Methylphenol-d8	40	6.81	17		10	140
			Nitrobenzene-d5	40	9.22	23		10	135
			2-Nitrophenol-d4	40	9.65	24		10	120
			2,4-Dichlorophenol-d3	40	9.04	23		10	140
			4-Chloroaniline-d4	40	2.54	6		1	145
			Dimethylphthalate-d6	40	9.92	25		10	145
			Acenaphthylene-d8	40	10.04	25		15	120
			4-Nitrophenol-d4	40	2.97	7	*	10	150
			Fluorene-d10	40	9.92	25		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.51	11		10	130
			Anthracene-d10	40	10.08	25		10	150
			Pyrene-d10	40	8.66	22		10	130
			Benzo(a)pyrene-d12	40	5.68	14		10	140
P4131-15	A4EY4	BN034449.D	1,4-Dioxane-d8	8	3.02	38		15	120
			Pyridine-d5	40	11.79	29		20	120
			Phenol-d5	40	15.04	38		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.03	38		10	150
			2-Chlorophenol-d4	40	17.55	44		15	120
			4-Methylphenol-d8	40	15.60	39		10	140
			Nitrobenzene-d5	40	18.15	45		10	135
			2-Nitrophenol-d4	40	19.68	49		10	120
			2,4-Dichlorophenol-d3	40	18.17	45		10	140
			4-Chloroaniline-d4	40	14.76	37		1	145
			Dimethylphthalate-d6	40	18.40	46		10	145
			Acenaphthylene-d8	40	18.54	46		15	120
			4-Nitrophenol-d4	40	8.86	22		10	150

Surrogate Summary

SW-846

SDG No.: BN100724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4131-15	A4EY4	BN034449.D	Fluorene-d10	40	17.85	45		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.94	27		10	130
			Anthracene-d10	40	19.06	48		10	150
			Pyrene-d10	40	20.60	51		10	130
			Benzo(a)pyrene-d12	40	19.71	49		10	140
P4131-16	A4EZ0	BN034452.D	1,4-Dioxane-d8	8	1.52	19		15	120
			Pyridine-d5	40	0.53	1	*	20	120
			Phenol-d5	40	6.69	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	6.72	17		10	150
			2-Chlorophenol-d4	40	7.92	20		15	120
			4-Methylphenol-d8	40	5.46	14		10	140
			Nitrobenzene-d5	40	8.21	21		10	135
			2-Nitrophenol-d4	40	8.63	22		10	120
			2,4-Dichlorophenol-d3	40	8.11	20		10	140
			4-Chloroaniline-d4	40	2.15	5		1	145
			Dimethylphthalate-d6	40	8.44	21		10	145
			Acenaphthylene-d8	40	8.41	21		15	120
			4-Nitrophenol-d4	40	3.18	8	*	10	150
			Fluorene-d10	40	8.54	21		20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.61	9	*	10	130
			Anthracene-d10	40	8.65	22		10	150
			Pyrene-d10	40	7.17	18		10	130
			Benzo(a)pyrene-d12	40	4.79	12		10	140
P4131-17	A4EZ1	BN034448.D	1,4-Dioxane-d8	8	2.96	37		15	120
			Pyridine-d5	40	10.96	27		20	120
			Phenol-d5	40	14.32	36		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.67	34		10	150
			2-Chlorophenol-d4	40	16.32	41		15	120
			4-Methylphenol-d8	40	14.10	35		10	140
			Nitrobenzene-d5	40	16.55	41		10	135
			2-Nitrophenol-d4	40	18.09	45		10	120
			2,4-Dichlorophenol-d3	40	16.95	42		10	140
			4-Chloroaniline-d4	40	13.05	33		1	145
			Dimethylphthalate-d6	40	17.27	43		10	145
			Acenaphthylene-d8	40	17.64	44		15	120
			4-Nitrophenol-d4	40	8.25	21		10	150
			Fluorene-d10	40	17.74	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.82	25		10	130
			Anthracene-d10	40	18.33	46		10	150
			Pyrene-d10	40	19.32	48		10	130
			Benzo(a)pyrene-d12	40	18.99	47		10	140
P4131-18	A4EZ2	BN034461.D	1,4-Dioxane-d8	8	2.50	31		15	120
			Pyridine-d5	40	10.64	27		20	120
			Phenol-d5	40	12.54	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.16	30		10	150
			2-Chlorophenol-d4	40	14.21	36		15	120
			4-Methylphenol-d8	40	12.93	32		10	140
			Nitrobenzene-d5	40	14.24	36		10	135
			2-Nitrophenol-d4	40	15.10	38		10	120

Surrogate Summary

SW-846

SDG No.: **BN100724**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4131-18	A4EZ2	BN034461.D	2,4-Dichlorophenol-d3	40	14.68	37		10	140
			4-Chloroaniline-d4	40	13.16	33		1	145
			Dimethylphthalate-d6	40	14.99	37		10	145
			Acenaphthylene-d8	40	14.91	37		15	120
			4-Nitrophenol-d4	40	7.22	18		10	150
			Fluorene-d10	40	15.05	38		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.95	17		10	130
			Anthracene-d10	40	15.49	39		10	150
			Pyrene-d10	40	18.76	47		10	130
			Benzo(a)pyrene-d12	40	16.35	41		10	140
P4131-22	A4ER4	BN034453.D	1,4-Dioxane-d8	8	1.38	17		15	120
			Pyridine-d5	40	0.53	1	*	20	120
			Phenol-d5	40	5.98	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	6.71	17		10	150
			2-Chlorophenol-d4	40	7.60	19		15	120
			4-Methylphenol-d8	40	4.78	12		10	140
			Nitrobenzene-d5	40	7.88	20		10	135
			2-Nitrophenol-d4	40	7.89	20		10	120
			2,4-Dichlorophenol-d3	40	7.50	19		10	140
			4-Chloroaniline-d4	40	3.06	8		1	145
			Dimethylphthalate-d6	40	8.58	21		10	145
			Acenaphthylene-d8	40	8.48	21		15	120
			4-Nitrophenol-d4	40	2.87	7	*	10	150
			Fluorene-d10	40	8.68	22		20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.05	8	*	10	130
			Anthracene-d10	40	8.67	22		10	150
			Pyrene-d10	40	7.61	19		10	130
			Benzo(a)pyrene-d12	40	5.07	13		10	140
P4131-23	A4ER5	BN034454.D	1,4-Dioxane-d8	8	2.83	35		15	120
			Pyridine-d5	40	11.61	29		20	120
			Phenol-d5	40	13.92	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.28	33		10	150
			2-Chlorophenol-d4	40	16.06	40		15	120
			4-Methylphenol-d8	40	14.33	36		10	140
			Nitrobenzene-d5	40	16.05	40		10	135
			2-Nitrophenol-d4	40	17.80	44		10	120
			2,4-Dichlorophenol-d3	40	16.61	42		10	140
			4-Chloroaniline-d4	40	13.25	33		1	145
			Dimethylphthalate-d6	40	17.80	44		10	145
			Acenaphthylene-d8	40	17.58	44		15	120
			4-Nitrophenol-d4	40	7.69	19		10	150
			Fluorene-d10	40	17.20	43		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.57	19		10	130
			Anthracene-d10	40	18.37	46		10	150
			Pyrene-d10	40	19.36	48		10	130
			Benzo(a)pyrene-d12	40	19.28	48		10	140
P4131-24	A4ER6	BN034455.D	1,4-Dioxane-d8	8	3.42	43		15	120
			Pyridine-d5	40	15.31	38		20	120
			Phenol-d5	40	16.54	41		10	130

Surrogate Summary

SW-846

SDG No.: BN100724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4131-24	A4ER6	BN034455.D	Bis(2-Chloroethyl)ether-d8	40	15.83	40		10	150
			2-Chlorophenol-d4	40	19.01	48		15	120
			4-Methylphenol-d8	40	16.44	41		10	140
			Nitrobenzene-d5	40	19.85	50		10	135
			2-Nitrophenol-d4	40	21.18	53		10	120
			2,4-Dichlorophenol-d3	40	19.57	49		10	140
			4-Chloroaniline-d4	40	18.07	45		1	145
			Dimethylphthalate-d6	40	20.13	50		10	145
			Acenaphthylene-d8	40	20.70	52		15	120
			4-Nitrophenol-d4	40	10.55	26		10	150
			Fluorene-d10	40	20.32	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.10	23		10	130
			Anthracene-d10	40	20.55	51		10	150
			Pyrene-d10	40	21.17	53		10	130
			Benzo(a)pyrene-d12	40	21.20	53		10	140
PB163651BL	PB163651BL	BN034443.D	Pyridine-d5	40	20.71	52		20	120
			1,4-Dioxane-d8	8	4.97	62		15	120
			Phenol-d5	40	21.76	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.40	53		10	150
			2-Chlorophenol-d4	40	24.91	62		15	120
			4-Methylphenol-d8	40	21.34	53		10	140
			Nitrobenzene-d5	40	25.83	65		10	135
			2-Nitrophenol-d4	40	27.31	68		10	120
			2,4-Dichlorophenol-d3	40	25.00	62		10	140
			4-Chloroaniline-d4	40	23.30	58		1	145
			Dimethylphthalate-d6	40	24.78	62		10	145
			Acenaphthylene-d8	40	25.75	64		15	120
			4-Nitrophenol-d4	40	15.46	39		10	150
			Fluorene-d10	40	24.83	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.89	47		10	130
			Anthracene-d10	40	25.37	63		10	150
			Pyrene-d10	40	27.05	68		10	130
			Benzo(a)pyrene-d12	40	26.48	66		10	140

Surrogate Summary

SW-846

SDG No.: BN100724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4131-06	A4EB0	BN034462.D	Pyridine-d5	40	8.45	21		20	120
			1,4-Dioxane-d8	8	3.56	45		15	120
			Phenol-d5	40	7.17	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.18	58		25	120
			2-Chlorophenol-d4	40	24.62	62		20	130
			4-Methylphenol-d8	40	16.80	42		25	125
			Nitrobenzene-d5	40	27.92	70		20	125
			2-Nitrophenol-d4	40	34.30	86		20	130
			2,4-Dichlorophenol-d3	40	29.82	75		20	120
			4-Chloroaniline-d4	40	18.71	47		1	146
			Dimethylphthalate-d6	40	29.19	73		25	130
			Acenaphthylene-d8	40	29.18	73		10	130
			4-Nitrophenol-d4	40	4.81	12		10	150
			Fluorene-d10	40	28.74	72		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.75	57		10	130
			Anthracene-d10	40	30.80	77		25	130
			Pyrene-d10	40	36.82	92		15	130
			Benzo(a)pyrene-d12	40	33.64	84		20	130
P4187-01	EY045	BN034460.D	1,4-Dioxane-d8	8	4.42	55		15	120
			Pyridine-d5	40	8.95	22		20	120
			Phenol-d5	40	8.62	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.09	63		25	120
			2-Chlorophenol-d4	40	27.04	68		20	130
			4-Methylphenol-d8	40	17.54	44		25	125
			Nitrobenzene-d5	40	30.92	77		20	125
			2-Nitrophenol-d4	40	33.11	83		20	130
			2,4-Dichlorophenol-d3	40	29.19	73		20	120
			4-Chloroaniline-d4	40	23.76	59		1	146
			Dimethylphthalate-d6	40	31.24	78		25	130
			Acenaphthylene-d8	40	29.94	75		10	130
			4-Nitrophenol-d4	40	5.51	14		10	150
			Fluorene-d10	40	29.99	75		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.45	61		10	130
			Anthracene-d10	40	33.56	84		25	130
			Pyrene-d10	40	35.41	89		15	130
			Benzo(a)pyrene-d12	40	35.02	88		20	130
P4187-02	EY046	BN034463.D	1,4-Dioxane-d8	8	3.43	43		15	120
			Pyridine-d5	40	4.62	12	*	20	120
			Phenol-d5	40	6.39	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.06	53		25	120
			2-Chlorophenol-d4	40	22.49	56		20	130
			4-Methylphenol-d8	40	14.31	36		25	125
			Nitrobenzene-d5	40	25.31	63		20	125
			2-Nitrophenol-d4	40	27.47	69		20	130
			2,4-Dichlorophenol-d3	40	25.58	64		20	120
			4-Chloroaniline-d4	40	17.68	44		1	146
			Dimethylphthalate-d6	40	28.48	71		25	130
			Acenaphthylene-d8	40	25.40	63		10	130
			4-Nitrophenol-d4	40	4.70	12		10	150

Surrogate Summary

SW-846

SDG No.: **BN100724**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4187-02	EY046	BN034463.D	Fluorene-d10	40	26.95	67		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.64	54		10	130
			Anthracene-d10	40	30.32	76		25	130
			Pyrene-d10	40	36.47	91		15	130
			Benzo(a)pyrene-d12	40	31.53	79		20	130
P4187-03	EY047	BN034464.D	1,4-Dioxane-d8	8	3.80	48		15	120
			Pyridine-d5	40	6.46	16	*	20	120
			Phenol-d5	40	6.62	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.16	58		25	120
			2-Chlorophenol-d4	40	24.52	61		20	130
			4-Methylphenol-d8	40	14.74	37		25	125
			Nitrobenzene-d5	40	27.99	70		20	125
			2-Nitrophenol-d4	40	29.61	74		20	130
			2,4-Dichlorophenol-d3	40	26.87	67		20	120
			4-Chloroaniline-d4	40	20.88	52		1	146
			Dimethylphthalate-d6	40	29.14	73		25	130
			Acenaphthylene-d8	40	27.41	69		10	130
			4-Nitrophenol-d4	40	4.30	11		10	150
			Fluorene-d10	40	28.47	71		25	125
			4,6-Dinitro-2-methylphenol-d2	40	19.25	48		10	130
			Anthracene-d10	40	30.83	77		25	130
			Pyrene-d10	40	32.58	81		15	130
			Benzo(a)pyrene-d12	40	33.94	85		20	130
P4187-04	EY048	BN034459.D	1,4-Dioxane-d8	8	3.33	42	*	15	120
			Pyridine-d5	40	6.77	17		20	120
			Phenol-d5	40	7.14	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.00	57		25	120
			2-Chlorophenol-d4	40	24.38	61		20	130
			4-Methylphenol-d8	40	15.32	38		25	125
			Nitrobenzene-d5	40	28.16	70		20	125
			2-Nitrophenol-d4	40	30.90	77		20	130
			2,4-Dichlorophenol-d3	40	26.84	67		20	120
			4-Chloroaniline-d4	40	21.15	53		1	146
			Dimethylphthalate-d6	40	29.55	74		25	130
			Acenaphthylene-d8	40	27.80	69		10	130
			4-Nitrophenol-d4	40	4.98	12		10	150
			Fluorene-d10	40	28.02	70		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.24	58		10	130
			Anthracene-d10	40	31.73	79		25	130
			Pyrene-d10	40	33.39	83		15	130
			Benzo(a)pyrene-d12	40	33.01	83		20	130
PB163680BL	PB163680BL	BN034458.D	1,4-Dioxane-d8	8	4.96	62		15	120
			Pyridine-d5	40	21.57	54		20	120
			Phenol-d5	40	23.22	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.56	56		25	120
			2-Chlorophenol-d4	40	25.96	65		20	130
			4-Methylphenol-d8	40	23.04	58		25	125
			Nitrobenzene-d5	40	27.53	69		20	125
			2-Nitrophenol-d4	40	29.59	74		20	130

Surrogate Summary

SW-846

SDG No.: BN100724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163680BL	PB163680BL	BN034458.D	2,4-Dichlorophenol-d3	40	26.82	67		20	120
			4-Chloroaniline-d4	40	25.26	63		1	146
			Dimethylphthalate-d6	40	26.79	67		25	130
			Acenaphthylene-d8	40	27.36	68		10	130
			4-Nitrophenol-d4	40	17.39	43		10	150
			Fluorene-d10	40	25.74	64		25	125
			4,6-Dinitro-2-methylphenol-d2	40	16.99	42		10	130
			Anthracene-d10	40	26.99	67		25	130
			Pyrene-d10	40	28.69	72		15	130
			Benzo(a)pyrene-d12	40	28.20	70		20	130
PB163680BS	PB163680BS	BN034456.D	1,4-Dioxane-d8	8	5.02	63		15	120
			Pyridine-d5	40	22.05	55		20	120
			Phenol-d5	40	24.44	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.66	59		25	120
			2-Chlorophenol-d4	40	27.64	69		20	130
			4-Methylphenol-d8	40	24.04	60		25	125
			Nitrobenzene-d5	40	29.44	74		20	125
			2-Nitrophenol-d4	40	32.19	80		20	130
			2,4-Dichlorophenol-d3	40	29.65	74		20	120
			4-Chloroaniline-d4	40	24.93	62		1	146
			Dimethylphthalate-d6	40	27.76	69		25	130
			Acenaphthylene-d8	40	28.56	71		10	130
			4-Nitrophenol-d4	40	23.52	59		10	150
			Fluorene-d10	40	27.18	68		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.19	63		10	130
			Anthracene-d10	40	27.79	69		25	130
			Pyrene-d10	40	29.54	74		15	130
			Benzo(a)pyrene-d12	40	29.14	73		20	130

Surrogate Summary

SW-846

SDG No.: BN100724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4218-01	E1H08	BN034441.D	Pyridine-d5	400	75.95	19	*	20	120
			1,4-Dioxane-d8	80	17.73	22		15	120
			Phenol-d5	400	73.56	18		10	130
			Bis(2-Chloroethyl)ether-d8	400	227.75	56		25	120
			2-Chlorophenol-d4	400	207.84	52		20	130
			4-Methylphenol-d8	400	164.07	41		25	125
			Nitrobenzene-d5	400	282.32	70		20	125
			2-Nitrophenol-d4	400	284.66	71		20	130
			2,4-Dichlorophenol-d3	400	244.45	61		20	120
			4-Chloroaniline-d4	400	221.19	55		1	146
			Dimethylphthalate-d6	400	281.64	70		25	130
			Acenaphthylene-d8	400	281.13	70		10	130
			4-Nitrophenol-d4	400	30.89	7	*	10	150
			Fluorene-d10	400	284.44	71		25	125
			4,6-Dinitro-2-methylphenol-d2	400	239.75	59		10	130
			Anthracene-d10	400	320.57	80		25	130
			Pyrene-d10	400	384.86	96		15	130
			Benzo(a)pyrene-d12	400	336.79	84		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN100724

Lab Code: CHEM

SAS No.: BN100724 SDG NO.: BN100724

Lab File ID: BN034433.D

DFTPP Injection Date: 10/07/2024

Instrument ID: BNA_N

DFTPP Injection Time: 10:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.9
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	34.2
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	45.9
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	29.4
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	13.3
442	Greater than 50% of mass 198	84.6
443	15.0 - 24.0% of mass 442	16.3 (19.3) 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
SSTD020337	SSTDCCC020	BN034434.D	10/07/2024	11:17
SBLK648	PB163648BL	BN034435.D	10/07/2024	11:56
A4EH3	P4109-01	BN034436.D	10/07/2024	13:40
A4EH6	P4109-03	BN034437.D	10/07/2024	14:19
A4EH7	P4109-04	BN034438.D	10/07/2024	14:59
A4EJ8	P4109-06	BN034439.D	10/07/2024	15:38
A4ET6	P4109-14	BN034440.D	10/07/2024	16:17
E1H08	P4218-01	BN034441.D	10/07/2024	16:57
SSTD020338	SSTDCCC020	BN034442.D	10/07/2024	17:36
SBLK651	PB163651BL	BN034443.D	10/07/2024	18:15
A4ET7	P4109-15	BN034444.D	10/07/2024	18:55
A4EW5	P4109-21	BN034445.D	10/07/2024	19:34
A4EX1	P4109-23	BN034446.D	10/07/2024	20:13
SLCS648	PB163648BS	BN034447.D	10/07/2024	20:53
A4EZ1	P4131-17	BN034448.D	10/07/2024	21:32
A4EY4	P4131-15	BN034449.D	10/07/2024	22:11
A4EX8	P4131-13	BN034450.D	10/07/2024	22:51
A4EW8	P4131-07	BN034451.D	10/07/2024	23:30

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN100724

Lab Code: CHEM

SAS No.: BN100724 SDG NO.: BN100724

Lab File ID: BN034433.D

DFTPP Injection Date: 10/07/2024

Instrument ID: BNA_N

DFTPP Injection Time: 10:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.9
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	34.2
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	45.9
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	29.4
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	13.3
442	Greater than 50% of mass 198	84.6
443	15.0 - 24.0% of mass 442	16.3 (19.3) 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
A4EZ0	P4131-16	BN034452.D	10/08/2024	00:09
A4ER4	P4131-22	BN034453.D	10/08/2024	00:49
A4ER5	P4131-23	BN034454.D	10/08/2024	01:28
A4ER6	P4131-24	BN034455.D	10/08/2024	02:07
SLCS680	PB163680BS	BN034456.D	10/08/2024	02:47
SSTD020339	SSTDCCC020	BN034457.D	10/08/2024	04:05
SBLK680	PB163680BL	BN034458.D	10/08/2024	04:44
EY048	P4187-04	BN034459.D	10/08/2024	05:24
EY045	P4187-01	BN034460.D	10/08/2024	06:03
A4EZ2	P4131-18	BN034461.D	10/08/2024	06:42
A4EB0	P4131-06	BN034462.D	10/08/2024	07:22
EY046	P4187-02	BN034463.D	10/08/2024	08:01
EY047	P4187-03	BN034464.D	10/08/2024	08:40