

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN062424 SAS No.: BN062424 SDG No.: BN062424

Instrument ID: BNA_N Calibration Date/Time: 6/24/2024 1:10:37

Lab File ID: BN032202.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020304 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	0.473	0.010	-8.4965	40.0
Benzaldehyde	0.804	0.737	0.010	-8.3308	40.0
Pyridine	1.361	1.143	0.010	-15.9949	40.0
Phenol	1.745	1.473	0.080	-15.5999	20.0
Bis(2-Chloroethyl)ether	1.443	1.206	0.100	-16.4289	20.0
2-Chlorophenol	1.369	1.306	0.200	-4.584	20.0
2-Methylphenol	1.348	1.122	0.010	-16.7203	20.0
2,2-oxybis(1-Chloropropane)	1.661	1.262	0.010	-24.0389	40.0
Acetophenone	2.118	1.741	0.060	-17.819	20.0
4-Methylphenol	1.461	1.211	0.010	-17.1407	20.0
N-Nitroso-di-n-propylamine	1.098	0.801	0.050	-27.004	30.0
Hexachloroethane	0.580	0.550	0.100	-5.1077	20.0
Nitrobenzene	0.364	0.331	0.050	-9.0812	25.0
Isophorone	0.747	0.606	0.050	-18.8894	25.0
2-Nitrophenol	0.173	0.183	0.050	6.102	25.0
2,4-Dimethylphenol	0.336	0.319	0.050	-5.049	25.0
Bis(2-Chloroethoxy)methane	0.466	0.391	0.050	-16.1373	20.0
2,4-Dichlorophenol	0.291	0.296	0.060	1.6347	20.0
Naphthalene	1.035	1.026	0.200	-0.8851	20.0
4-Chloroaniline	0.425	0.385	0.010	-9.4102	40.0
Hexachlorobutadiene	0.175	0.191	0.040	9.0115	30.0
Caprolactam	0.114	0.113	0.010	-0.9641	40.0
4-Chloro-3-methylphenol	0.340	0.303	0.040	-11.0723	25.0
1-Methylnaphthalene	0.710	0.666	0.100	-6.1545	20.0
2-Methylnaphthalene	0.708	0.673	0.100	-4.8926	20.0
Hexachlorocyclopentadiene	0.305	0.289	0.010	-5.2471	40.0
2,4,6-Trichlorophenol	0.359	0.378	0.090	5.2451	25.0
2,4,5-Trichlorophenol	0.390	0.411	0.100	5.3755	25.0
1,1-Biphenyl	1.407	1.403	0.200	-0.3003	20.0
2-Chloronaphthalene	1.102	1.126	0.300	2.1857	20.0
2-Nitroaniline	0.319	0.285	0.050	-10.6231	40.0
Dimethylphthalate	1.425	1.351	0.300	-5.1747	20.0
2,6-Dinitrotoluene	0.283	0.281	0.080	-0.761	30.0
Acenaphthylene	1.811	1.821	0.400	0.5871	20.0
3-Nitroaniline	0.303	0.310	0.010	2.2794	40.0
Acenaphthene	1.198	1.195	0.200	-0.2504	20.0
2,4-Dinitrophenol	0.143	0.137	0.010	-3.8865	40.0
4-Nitrophenol	0.207	0.227	0.010	9.8473	40.0
Dibenzofuran	1.628	1.615	0.300	-0.8055	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN062424 SAS No.: BN062424 SDG No.: BN062424

Instrument ID: BNA_N Calibration Date/Time: 6/24/2024 1:10:37

Lab File ID: BN032202.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020304 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.416	0.403	0.070	-3.0754	30.0
Diethylphthalate	1.470	1.354	0.300	-7.9102	20.0
Fluorene	1.311	1.304	0.200	-0.5223	20.0
4-Chlorophenyl-phenylether	0.635	0.634	0.100	-0.0676	20.0
4-Nitroaniline	0.288	0.315	0.010	9.1722	40.0
4,6-Dinitro-2-methylphenol	0.107	0.113	0.010	5.5021	40.0
N-Nitrosodiphenylamine	0.551	0.567	0.050	2.9063	20.0
1,2,4,5-Tetrachlorobenzene	0.529	0.567	0.100	7.1396	20.0
4-Bromophenyl-phenylether	0.194	0.197	0.070	1.8076	20.0
Hexachlorobenzene	0.220	0.225	0.050	2.547	25.0
Atrazine	0.174	0.162	0.010	-6.7242	25.0
Pentachlorophenol	0.141	0.151	0.010	7.1508	40.0
Phenanthrene	1.019	1.017	0.200	-0.2195	20.0
Pentachlorobenzene	0.251	0.271	0.050	8.1126	20.0
Anthracene	1.032	1.053	0.200	1.9826	20.0
1,2,3,4-Tetrachlorobenzene	0.257	0.282	0.050	9.7363	20.0
Carbazole	0.880	0.959	0.050	8.9862	40.0
Di-n-butylphthalate	1.211	1.208	0.500	-0.2687	25.0
Fluoranthene	1.279	1.228	0.400	-3.9714	25.0
Pyrene	1.312	1.273	0.400	-3.0023	25.0
Butylbenzylphthalate	0.620	0.590	0.100	-4.8017	40.0
3,3-Dichlorobenzidine	0.384	0.359	0.010	-6.3007	40.0
Benzo (a) anthracene	1.339	1.314	0.300	-1.8706	30.0
Chrysene	1.250	1.258	0.200	0.6101	30.0
Bis (2-ethylhexyl) phthalate	0.904	0.874	0.200	-3.3154	40.0
Di-n-octyl phthalate	1.339	1.230	0.010	-8.1331	40.0
Benzo (b) fluoranthene	1.195	1.103	0.200	-7.6994	25.0
Benzo (k) fluoranthene	1.173	1.105	0.200	-5.8436	25.0
Benzo (a) pyrene	1.120	1.058	0.200	-5.4821	20.0
Indeno (1,2,3-cd) pyrene	1.290	1.340	0.200	3.8953	25.0
Dibenzo (a,h) anthracene	1.053	1.112	0.200	5.5375	30.0
Benzo (g,h,i) perylene	1.026	1.077	0.200	5.0047	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.339	0.040	4.0259	20.0
1,4-Dioxane-d8	0.483	0.428	0.010	-11.3852	25.0
Pyridine-d5	1.361	1.177	0.010	-13.5033	40.0
Phenol-d5	1.715	1.454	0.010	-15.2237	25.0
Bis- (2-Chloroethyl) ether-d8	1.003	0.784	0.050	-21.8335	25.0
2-Chlorophenol-d4	1.308	1.253	0.200	-4.2501	20.0
4-Methylphenol-d8	1.398	1.167	0.010	-16.4775	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN062424 SAS No.: BN062424 SDG No.: BN062424

Instrument ID: BNA_N Calibration Date/Time: 6/24/2024 1:10:37

Lab File ID: BN032202.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020304 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.157	0.050	2.9487	20.0
2-Nitrophenol-d4	0.158	0.177	0.050	11.9914	30.0
2,4-Dichlorophenol-d3	0.295	0.299	0.060	1.3755	20.0
4-Chloroaniline-d4	0.438	0.395	0.010	-9.8701	40.0
Dimethylphthalate-d6	1.393	1.300	0.300	-6.718	20.0
Acenaphthylene-d8	1.602	1.595	0.400	-0.4121	20.0
4-Nitrophenol-d4	0.279	0.259	0.010	-7.2946	40.0
Fluorene-d10	1.179	1.150	0.100	-2.4516	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.104	0.010	3.3573	40.0
Anthracene-d10	0.856	0.875	0.300	2.2267	20.0
Pyrene-d10	1.070	1.031	0.300	-3.6487	25.0
Benzo(a)pyrene-d12	0.955	0.911	0.010	-4.5799	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.: BN062424 SAS No.: BN062424 SDG No.: BN062424

Instrument ID: BNA_N Calibration Date/Time: 6/24/2024 1: 20:19

Lab File ID: BN032215.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020305 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	0.472	0.010	-8.697	40.0
Benzaldehyde	0.804	0.745	0.010	-7.3464	40.0
Pyridine	1.361	1.150	0.010	-15.4562	40.0
Phenol	1.745	1.512	0.080	-13.3754	20.0
Bis(2-Chloroethyl)ether	1.443	1.205	0.100	-16.4643	20.0
2-Chlorophenol	1.369	1.293	0.200	-5.5381	20.0
2-Methylphenol	1.348	1.147	0.010	-14.8631	20.0
2,2-oxybis(1-Chloropropane)	1.661	1.267	0.010	-23.7364	40.0
Acetophenone	2.118	1.834	0.060	-13.4165	20.0
4-Methylphenol	1.461	1.248	0.010	-14.5948	20.0
N-Nitroso-di-n-propylamine	1.098	0.814	0.050	-25.8542	30.0
Hexachloroethane	0.580	0.546	0.100	-5.8966	20.0
Nitrobenzene	0.364	0.324	0.050	-11.0769	25.0
Isophorone	0.747	0.596	0.050	-20.208	25.0
2-Nitrophenol	0.173	0.178	0.050	3.1373	25.0
2,4-Dimethylphenol	0.336	0.314	0.050	-6.3905	25.0
Bis(2-Chloroethoxy)methane	0.466	0.390	0.050	-16.1893	20.0
2,4-Dichlorophenol	0.291	0.288	0.060	-1.1775	20.0
Naphthalene	1.035	1.023	0.200	-1.2025	20.0
4-Chloroaniline	0.425	0.401	0.010	-5.7031	40.0
Hexachlorobutadiene	0.175	0.187	0.040	7.038	30.0
Caprolactam	0.114	0.110	0.010	-3.0552	40.0
4-Chloro-3-methylphenol	0.340	0.306	0.040	-10.2184	25.0
1-Methylnaphthalene	0.710	0.683	0.100	-3.7916	20.0
2-Methylnaphthalene	0.708	0.674	0.100	-4.6828	20.0
Hexachlorocyclopentadiene	0.305	0.228	0.010	-25.1674	40.0
2,4,6-Trichlorophenol	0.359	0.353	0.090	-1.7205	25.0
2,4,5-Trichlorophenol	0.390	0.392	0.100	0.5876	25.0
1,1-Biphenyl	1.407	1.394	0.200	-0.9191	20.0
2-Chloronaphthalene	1.102	1.104	0.300	0.1831	20.0
2-Nitroaniline	0.319	0.267	0.050	-16.4495	40.0
Dimethylphthalate	1.425	1.355	0.300	-4.8758	20.0
2,6-Dinitrotoluene	0.283	0.271	0.080	-4.3318	30.0
Acenaphthylene	1.811	1.807	0.400	-0.1958	20.0
3-Nitroaniline	0.303	0.294	0.010	-3.0608	40.0
Acenaphthene	1.198	1.191	0.200	-0.5436	20.0
2,4-Dinitrophenol	0.143	0.137	0.010	-4.2235	40.0
4-Nitrophenol	0.207	0.220	0.010	6.1059	40.0
Dibenzofuran	1.628	1.614	0.300	-0.8546	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN062424 SAS No.: BN062424 SDG No.: BN062424

Instrument ID: BNA_N Calibration Date/Time: 6/24/2024 1: 20:19

Lab File ID: BN032215.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020305 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.416	0.408	0.070	-1.8526	30.0
Diethylphthalate	1.470	1.363	0.300	-7.3354	20.0
Fluorene	1.311	1.339	0.200	2.1693	20.0
4-Chlorophenyl-phenylether	0.635	0.644	0.100	1.3654	20.0
4-Nitroaniline	0.288	0.316	0.010	9.471	40.0
4,6-Dinitro-2-methylphenol	0.107	0.108	0.010	0.8754	40.0
N-Nitrosodiphenylamine	0.551	0.554	0.050	0.5526	20.0
1,2,4,5-Tetrachlorobenzene	0.529	0.558	0.100	5.4621	20.0
4-Bromophenyl-phenylether	0.194	0.202	0.070	4.2443	20.0
Hexachlorobenzene	0.220	0.226	0.050	3.0736	25.0
Atrazine	0.174	0.154	0.010	-11.2966	25.0
Pentachlorophenol	0.141	0.129	0.010	-8.4493	40.0
Phenanthrene	1.019	1.053	0.200	3.3228	20.0
Pentachlorobenzene	0.251	0.267	0.050	6.4974	20.0
Anthracene	1.032	1.057	0.200	2.3522	20.0
1,2,3,4-Tetrachlorobenzene	0.257	0.268	0.050	4.0135	20.0
Carbazole	0.880	0.971	0.050	10.2844	40.0
Di-n-butylphthalate	1.211	1.179	0.500	-2.6499	25.0
Fluoranthene	1.279	1.270	0.400	-0.7423	25.0
Pyrene	1.312	1.325	0.400	0.9631	25.0
Butylbenzylphthalate	0.620	0.582	0.100	-6.0515	40.0
3,3-Dichlorobenzidine	0.384	0.432	0.010	12.6186	40.0
Benzo (a) anthracene	1.339	1.337	0.300	-0.1131	30.0
Chrysene	1.250	1.279	0.200	2.3064	30.0
Bis(2-ethylhexyl)phthalate	0.904	0.842	0.200	-6.8394	40.0
Di-n-octyl phthalate	1.339	1.244	0.010	-7.0867	40.0
Benzo (b) fluoranthene	1.195	1.144	0.200	-4.2817	25.0
Benzo (k) fluoranthene	1.173	1.135	0.200	-3.23	25.0
Benzo (a) pyrene	1.120	1.089	0.200	-2.762	20.0
Indeno (1,2,3-cd) pyrene	1.290	1.336	0.200	3.5696	25.0
Dibenzo (a,h) anthracene	1.053	1.109	0.200	5.3049	30.0
Benzo (g,h,i) perylene	1.026	1.084	0.200	5.6937	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.318	0.040	-2.6099	20.0
1,4-Dioxane-d8	0.483	0.434	0.010	-10.2876	25.0
Pyridine-d5	1.361	1.153	0.010	-15.289	40.0
Phenol-d5	1.715	1.449	0.010	-15.4893	25.0
Bis- (2-Chloroethyl) ether-d8	1.003	0.777	0.050	-22.5364	25.0
2-Chlorophenol-d4	1.308	1.247	0.200	-4.6648	20.0
4-Methylphenol-d8	1.398	1.175	0.010	-15.9235	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN062424 SAS No.: BN062424 SDG No.: BN062424

Instrument ID: BNA_N Calibration Date/Time: 6/24/2024 1:20:19

Lab File ID: BN032215.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020305 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.150	0.050	-1.7052	20.0
2-Nitrophenol-d4	0.158	0.167	0.050	5.491	30.0
2,4-Dichlorophenol-d3	0.295	0.292	0.060	-1.0959	20.0
4-Chloroaniline-d4	0.438	0.406	0.010	-7.3329	40.0
Dimethylphthalate-d6	1.393	1.295	0.300	-7.0343	20.0
Acenaphthylene-d8	1.602	1.577	0.400	-1.5704	20.0
4-Nitrophenol-d4	0.279	0.248	0.010	-11.0695	40.0
Fluorene-d10	1.179	1.152	0.100	-2.2465	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.098	0.010	-2.8316	40.0
Anthracene-d10	0.856	0.878	0.300	2.5496	20.0
Pyrene-d10	1.070	1.068	0.300	-0.2022	25.0
Benzo(a)pyrene-d12	0.955	0.928	0.010	-2.8683	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.: BN062424 SAS No.: BN062424 SDG No.: BN062424

Instrument ID: BNA_N Calibration Date/Time: 6/25/2024 1:07:27

Lab File ID: BN032231.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020306 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	0.470	0.010	-9.1687	40.0
Benzaldehyde	0.804	0.737	0.010	-8.3728	40.0
Pyridine	1.361	1.126	0.010	-17.2106	40.0
Phenol	1.745	1.469	0.080	-15.8304	20.0
Bis(2-Chloroethyl) ether	1.443	1.203	0.100	-16.6279	20.0
2-Chlorophenol	1.369	1.297	0.200	-5.2847	20.0
2-Methylphenol	1.348	1.106	0.010	-17.9011	20.0
2,2-oxybis(1-Chloropropane)	1.661	1.260	0.010	-24.1092	40.0
Acetophenone	2.118	1.734	0.060	-18.1364	20.0
4-Methylphenol	1.461	1.197	0.010	-18.0594	20.0
N-Nitroso-di-n-propylamine	1.098	0.764	0.050	-30.3894	30.0
Hexachloroethane	0.580	0.554	0.100	-4.4226	20.0
Nitrobenzene	0.364	0.330	0.050	-9.5174	25.0
Isophorone	0.747	0.584	0.050	-21.7986	25.0
2-Nitrophenol	0.173	0.178	0.050	2.9391	25.0
2,4-Dimethylphenol	0.336	0.305	0.050	-9.075	25.0
Bis(2-Chloroethoxy) methane	0.466	0.388	0.050	-16.7813	20.0
2,4-Dichlorophenol	0.291	0.293	0.060	0.7034	20.0
Naphthalene	1.035	1.024	0.200	-1.1096	20.0
4-Chloroaniline	0.425	0.388	0.010	-8.8439	40.0
Hexachlorobutadiene	0.175	0.195	0.040	11.6433	30.0
Caprolactam	0.114	0.098	0.010	-13.4253	40.0
4-Chloro-3-methylphenol	0.340	0.289	0.040	-15.1577	25.0
1-Methylnaphthalene	0.710	0.662	0.100	-6.752	20.0
2-Methylnaphthalene	0.708	0.657	0.100	-7.0726	20.0
Hexachlorocyclopentadiene	0.305	0.250	0.010	-17.9106	40.0
2,4,6-Trichlorophenol	0.359	0.354	0.090	-1.3635	25.0
2,4,5-Trichlorophenol	0.390	0.387	0.100	-0.8636	25.0
1,1-Biphenyl	1.407	1.407	0.200	-0.0042	20.0
2-Chloronaphthalene	1.102	1.125	0.300	2.0639	20.0
2-Nitroaniline	0.319	0.265	0.050	-16.928	40.0
Dimethylphthalate	1.425	1.300	0.300	-8.7928	20.0
2,6-Dinitrotoluene	0.283	0.265	0.080	-6.3611	30.0
Acenaphthylene	1.811	1.796	0.400	-0.7918	20.0
3-Nitroaniline	0.303	0.282	0.010	-6.8022	40.0
Acenaphthene	1.198	1.185	0.200	-1.1154	20.0
2,4-Dinitrophenol	0.143	0.129	0.010	-10.0207	40.0
4-Nitrophenol	0.207	0.209	0.010	0.9683	40.0
Dibenzofuran	1.628	1.573	0.300	-3.3346	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN062424 SAS No.: BN062424 SDG No.: BN062424

Instrument ID: BNA_N Calibration Date/Time: 6/25/2024 1:07:27

Lab File ID: BN032231.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020306 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.416	0.383	0.070	-7.7653	30.0
Diethylphthalate	1.470	1.319	0.300	-10.3235	20.0
Fluorene	1.311	1.284	0.200	-2.0233	20.0
4-Chlorophenyl-phenylether	0.635	0.633	0.100	-0.3509	20.0
4-Nitroaniline	0.288	0.294	0.010	2.0078	40.0
4,6-Dinitro-2-methylphenol	0.107	0.109	0.010	1.6422	40.0
N-Nitrosodiphenylamine	0.551	0.567	0.050	2.9238	20.0
1,2,4,5-Tetrachlorobenzene	0.529	0.573	0.100	8.2726	20.0
4-Bromophenyl-phenylether	0.194	0.198	0.070	2.138	20.0
Hexachlorobenzene	0.220	0.217	0.050	-1.1397	25.0
Atrazine	0.174	0.152	0.010	-12.8864	25.0
Pentachlorophenol	0.141	0.131	0.010	-6.495	40.0
Phenanthrene	1.019	1.032	0.200	1.3152	20.0
Pentachlorobenzene	0.251	0.274	0.050	9.4183	20.0
Anthracene	1.032	1.055	0.200	2.1544	20.0
1,2,3,4-Tetrachlorobenzene	0.257	0.286	0.050	11.112	20.0
Carbazole	0.880	0.960	0.050	9.0722	40.0
Di-n-butylphthalate	1.211	1.164	0.500	-3.9247	25.0
Fluoranthene	1.279	1.248	0.400	-2.413	25.0
Pyrene	1.312	1.312	0.400	-0.0457	25.0
Butylbenzylphthalate	0.620	0.558	0.100	-9.9532	40.0
3,3-Dichlorobenzidine	0.384	0.416	0.010	8.5356	40.0
Benzo (a) anthracene	1.339	1.332	0.300	-0.5017	30.0
Chrysene	1.250	1.258	0.200	0.5887	30.0
Bis(2-ethylhexyl)phthalate	0.904	0.812	0.200	-10.0917	40.0
Di-n-octyl phthalate	1.339	1.171	0.010	-12.5282	40.0
Benzo (b) fluoranthene	1.195	1.109	0.200	-7.2153	25.0
Benzo (k) fluoranthene	1.173	1.141	0.200	-2.7366	25.0
Benzo (a) pyrene	1.120	1.087	0.200	-2.8865	20.0
Indeno (1,2,3-cd) pyrene	1.290	1.327	0.200	2.8538	25.0
Dibenzo (a,h) anthracene	1.053	1.093	0.200	3.7767	30.0
Benzo (g,h,i) perylene	1.026	1.066	0.200	3.9505	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.308	0.040	-5.4753	20.0
1,4-Dioxane-d8	0.483	0.441	0.010	-8.8788	25.0
Pyridine-d5	1.361	1.150	0.010	-15.5274	40.0
Phenol-d5	1.715	1.425	0.010	-16.8995	25.0
Bis- (2-Chloroethyl) ether-d8	1.003	0.773	0.050	-22.9575	25.0
2-Chlorophenol-d4	1.308	1.241	0.200	-5.1369	20.0
4-Methylphenol-d8	1.398	1.135	0.010	-18.8066	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BN062424 SAS No.: BN062424 SDG No.: BN062424
 Instrument ID: BNA_N Calibration Date/Time: 6/25/2024 1:07:27
 Lab File ID: BN032231.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020306 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.154	0.050	0.9655	20.0
2-Nitrophenol-d4	0.158	0.166	0.050	5.2776	30.0
2,4-Dichlorophenol-d3	0.295	0.294	0.060	-0.4481	20.0
4-Chloroaniline-d4	0.438	0.394	0.010	-9.9502	40.0
Dimethylphthalate-d6	1.393	1.284	0.300	-7.8327	20.0
Acenaphthylene-d8	1.602	1.546	0.400	-3.5243	20.0
4-Nitrophenol-d4	0.279	0.236	0.010	-15.3478	40.0
Fluorene-d10	1.179	1.122	0.100	-4.8268	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.100	0.010	-0.4035	40.0
Anthracene-d10	0.856	0.867	0.300	1.2302	20.0
Pyrene-d10	1.070	1.037	0.300	-3.0775	25.0
Benzo(a)pyrene-d12	0.955	0.935	0.010	-2.1454	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	SBLK483	SDG No.:	BN062424
Lab Sample ID:	PB161483BL	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
BN032203.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

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

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	SBLK483	SDG No.:	BN062424
Lab Sample ID:	PB161483BL	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
BN032203.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

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

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	SBLK483	SDG No.:	BN062424
Lab Sample ID:	PB161483BL	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
BN032203.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

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	5.448		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	23.672		20-120		59	SPK: -40
4165-62-2	Phenol-d5	24.755		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.88		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.481		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	24.338		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	30.192		10-135		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.341		10-120		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.27		10-140		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.17		1-145		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.849		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	29.383		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.37		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	28.889		20-140		72	SPK: -40

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	SBLK483	SDG No.:	BN062424
Lab Sample ID:	PB161483BL	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
BN032203.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.288		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	30.942		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	28.977		10-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.181		10-140		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	342362	7.628				
1146-65-2	Naphthalene-d8	1313000	10.41				
15067-26-2	Acenaphthene-d10	782449	14.275				
1517-22-2	Phenanthrene-d10	1560796	17.027				
1719-03-5	Chrysene-d12	1552978	21.268				
1520-96-3	Perylene-d12	1878841	24.186				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	81	J			17.927	
000057-11-4	Octadecanoic acid	74	J			19.215	
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AA5	SDG No.:	BN062424
Lab Sample ID:	P2899-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.2
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032204.D	1	6/18/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.5	76	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
100-52-7	Benzaldehyde	55	U	55	94	380	ug/Kg
108-95-2	Phenol	51	U	51	94	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	94	380	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	48.4	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	94	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	94	380	ug/Kg
98-86-2	Acetophenone	67	U	67	94	380	ug/Kg
106-44-5	4-Methylphenol	47	U	47	94	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	42	U	42	48.4	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	48.4	190	ug/Kg
98-95-3	Nitrobenzene	31	U	31	48.4	190	ug/Kg
78-59-1	Isophorone	41	U	41	48.4	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	48.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.7	U	9.7	48.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	35	U	35	48.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	48.4	190	ug/Kg
91-20-3	Naphthalene	38	U	38	48.4	190	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	48.4	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	48.4	190	ug/Kg
105-60-2	Caprolactam	46	U	46	94	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	48.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	48.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	94	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	48.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	56	48.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AA5	SDG No.:	BN062424
Lab Sample ID:	P2899-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.2
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
BN032204.D	1	6/18/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	52	U	52	48.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	48.4	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.4	190	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	48.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	48.4	190	ug/Kg
208-96-8	Acenaphthylene	52	U	52	48.4	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	94	380	ug/Kg
83-32-9	Acenaphthene	57	U	57	48.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	36	U	36	94	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	94	380	ug/Kg
132-64-9	Dibenzofuran	46	U	46	48.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	48.4	190	ug/Kg
84-66-2	Diethylphthalate	47	U	47	48.4	190	ug/Kg
86-73-7	Fluorene	66	U	66	48.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	48.4	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	94	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	94	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	48.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	48.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	48.4	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.4	190	ug/Kg
1912-24-9	Atrazine	13	U	13	94	380	ug/Kg
87-86-5	Pentachlorophenol	43	U	43	94	380	ug/Kg
85-01-8	Phenanthrene	60	U	60	48.4	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	48.4	190	ug/Kg
120-12-7	Anthracene	54	U	54	48.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.4	U	6.4	48.4	190	ug/Kg
86-74-8	Carbazole	69	U	69	94	380	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	48.4	190	ug/Kg
206-44-0	Fluoranthene	51	U	51	94	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AA5	SDG No.:	BN062424
Lab Sample ID:	P2899-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.2
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032204.D	1	6/18/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	52	48.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	49	U	49	48.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	94	380	ug/Kg
56-55-3	Benzo(a)anthracene	44	U	44	48.4	190	ug/Kg
218-01-9	Chrysene	52	U	52	48.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	49	U	49	48.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	49	U	49	94	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	55	U	55	48.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	66	U	66	48.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	65	U	65	48.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51	U	51	48.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	59	U	59	48.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52	U	52	48.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	59	U	59	48.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.359	*	15-120		4	SPK: -8
7291-22-7	Pyridine-d5	2.859	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	7.803		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.095		10-150		18	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.083		15-120		23	SPK: -40
190780-66-6	4-Methylphenol-d8	7.646		10-140		19	SPK: -40
4165-60-0	Nitrobenzene-d5	8.997		10-135		22	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.199		10-120		23	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.411		10-140		21	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.986		1-145		15	SPK: -40
85448-30-2	Dimethylphthalate-d6	8.973		10-145		22	SPK: -40
93951-97-4	Acenaphthylene-d8	9.133		15-120		23	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.946		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	9.199		20-140		23	SPK: -40

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0AA5	SDG No.:	BN062424
Lab Sample ID:	P2899-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.2
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
BN032204.D	1	6/18/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161556

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	9.702		10-150		24	SPK: -40
1718-52-1	Pyrene-d10	8.83		10-130		22	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	8.619		10-140		22	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	271988	7.628				
1146-65-2	Naphthalene-d8	1052300	10.41				
15067-26-2	Acenaphthene-d10	637566	14.275				
1517-22-2	Phenanthrene-d10	1302595	17.028				
1719-03-5	Chrysene-d12	1236198	21.263				
1520-96-3	Perylene-d12	1462025	24.18				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	180	J			4.769	
000475-20-7	Longifolene	90	J			13.528	
000057-10-3	n-Hexadecanoic acid	160	J			17.927	
000057-11-4	Octadecanoic acid	130	J			19.216	
000511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	330	J			20.31	
000557-61-9	Octacosanol	170	J			22.033	
	(DEL) Alkane: Straight-Chain23.333	150	J			23.333	
E966796	Total Alkanes	150				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	C0SB2	SDG No.:	BN062424
Lab Sample ID:	P2856-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28
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
BN032205.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	9.2	93	ug/Kg
100-52-7	Benzaldehyde	67	U	67	110	460	ug/Kg
110-86-1	Pyridine	17	U	17	230	460	ug/Kg
108-95-2	Phenol	63	U	63	110	460	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	110	460	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	59	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	59	240	ug/Kg
67-72-1	Hexachloroethane	22	U	22	59	240	ug/Kg
98-95-3	Nitrobenzene	38	U	38	59	240	ug/Kg
78-59-1	Isophorone	50	U	50	59	240	ug/Kg
88-75-5	2-Nitrophenol	42	U	42	59	240	ug/Kg
105-67-9	2,4-Dimethylphenol	12	U	12	59	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	59	240	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	59	240	ug/Kg
91-20-3	Naphthalene	46	U	46	59	240	ug/Kg
106-47-8	4-Chloroaniline	61	U	61	59	460	ug/Kg
87-68-3	Hexachlorobutadiene	36	U	36	59	240	ug/Kg
105-60-2	Caprolactam	56	U	56	110	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	59	240	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	59	240	ug/Kg
91-57-6	2-Methylnaphthalene	51	U	51	59	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	26	U	26	110	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	69	U	69	59	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	68	U	68	59	240	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	C0SB2	SDG No.:	BN062424
Lab Sample ID:	P2856-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28
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
BN032205.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	64	U	64	59	240	ug/Kg
91-58-7	2-Chloronaphthalene	61	U	61	59	240	ug/Kg
88-74-4	2-Nitroaniline	31	U	31	59	240	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	59	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	36	U	36	59	240	ug/Kg
208-96-8	Acenaphthylene	64	U	64	59	240	ug/Kg
99-09-2	3-Nitroaniline	19	U	19	110	460	ug/Kg
83-32-9	Acenaphthene	69	U	69	59	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	56	U	56	59	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	18	U	18	59	240	ug/Kg
84-66-2	Diethylphthalate	57	U	57	59	240	ug/Kg
86-73-7	Fluorene	81	U	81	59	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	67	U	67	59	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	63	U	63	59	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63	U	63	59	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	140	59	240	ug/Kg
118-74-1	Hexachlorobenzene	69	U	69	59	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	74	U	74	59	240	ug/Kg
608-93-5	Pentachlorobenzene	50	U	50	59	240	ug/Kg
120-12-7	Anthracene	65	U	65	59	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.8	U	7.8	59	240	ug/Kg
86-74-8	Carbazole	85	U	85	110	460	ug/Kg
84-74-2	Di-n-butylphthalate	79	U	79	59	240	ug/Kg
206-44-0	Fluoranthene	63	U	63	110	240	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	C0SB2	SDG No.:	BN062424
Lab Sample ID:	P2856-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28
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
BN032205.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	64	U	64	59	240	ug/Kg
85-68-7	Butylbenzylphthalate	60	U	60	59	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	35	U	35	110	460	ug/Kg
56-55-3	Benzo(a)anthracene	54	U	54	59	240	ug/Kg
218-01-9	Chrysene	64	U	64	59	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60	U	60	59	240	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	60	110	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	67	U	67	59	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	81	U	81	59	240	ug/Kg
50-32-8	Benzo(a)pyrene	79	U	79	59	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	63	U	63	59	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	72	U	72	59	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	64	U	64	59	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	72	U	72	59	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.648		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	5.333	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	18.504		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.353		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.514		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	18.992		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	22.866		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.741		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.417		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.281		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.659		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	23.63		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.37		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	24.201		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	C0SB2	SDG No.:	BN062424
Lab Sample ID:	P2856-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28
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
BN032205.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.968		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	26.022		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	24.074		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.493		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	239944	7.628				
1146-65-2	Naphthalene-d8	939728	10.41				
15067-26-2	Acenaphthene-d10	573864	14.275				
1517-22-2	Phenanthrene-d10	1176203	17.028				
1719-03-5	Chrysene-d12	1153431	21.263				
1520-96-3	Perylene-d12	1363901	24.18				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	440	J			17.928	
000057-11-4	Octadecanoic acid	280	J			19.216	
	(DEL) Alkane: Straight-Chain	20.951	J			20.951	
E966796	Total Alkanes	170				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SE4	SDG No.:	BN062424
Lab Sample ID:	P2856-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032206.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7	70	ug/Kg
100-52-7	Benzaldehyde	51	U	51	87.1	350	ug/Kg
110-86-1	Pyridine	13	U	13	170	350	ug/Kg
108-95-2	Phenol	48	U	48	87.1	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	87.1	350	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	44.9	180	ug/Kg
95-48-7	2-Methylphenol	41	U	41	87.1	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	87.1	350	ug/Kg
98-86-2	Acetophenone	62	U	62	87.1	350	ug/Kg
106-44-5	4-Methylphenol	43	U	43	87.1	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	39	U	39	44.9	180	ug/Kg
67-72-1	Hexachloroethane	17	U	17	44.9	180	ug/Kg
98-95-3	Nitrobenzene	29	U	29	44.9	180	ug/Kg
78-59-1	Isophorone	38	U	38	44.9	180	ug/Kg
88-75-5	2-Nitrophenol	32	U	32	44.9	180	ug/Kg
105-67-9	2,4-Dimethylphenol	9	U	9	44.9	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	33	U	33	44.9	180	ug/Kg
120-83-2	2,4-Dichlorophenol	36	U	36	44.9	180	ug/Kg
91-20-3	Naphthalene	51	J	35	44.9	180	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	44.9	350	ug/Kg
87-68-3	Hexachlorobutadiene	27	U	27	44.9	180	ug/Kg
105-60-2	Caprolactam	42	U	42	87.1	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	38	U	38	44.9	180	ug/Kg
90-12-0	1-Methylnaphthalene	20	U	20	44.9	180	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	44.9	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	20	U	20	87.1	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	44.9	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	44.9	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SE4	SDG No.:	BN062424
Lab Sample ID:	P2856-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032206.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	49	U	49	44.9	180	ug/Kg
91-58-7	2-Chloronaphthalene	46	U	46	44.9	180	ug/Kg
88-74-4	2-Nitroaniline	23	U	23	44.9	180	ug/Kg
131-11-3	Dimethylphthalate	40	U	40	44.9	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	44.9	180	ug/Kg
208-96-8	Acenaphthylene	49	U	49	44.9	180	ug/Kg
99-09-2	3-Nitroaniline	15	U	15	87.1	350	ug/Kg
83-32-9	Acenaphthene	53	U	53	44.9	180	ug/Kg
51-28-5	2,4-Dinitrophenol	34	U	34	87.1	350	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	87.1	350	ug/Kg
132-64-9	Dibenzofuran	42	U	42	44.9	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	14	U	14	44.9	180	ug/Kg
84-66-2	Diethylphthalate	43	U	43	44.9	180	ug/Kg
86-73-7	Fluorene	61	U	61	44.9	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51	U	51	44.9	180	ug/Kg
100-01-6	4-Nitroaniline	17	U	17	87.1	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	41	U	41	87.1	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	48	U	48	44.9	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	48	U	48	44.9	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	44.9	180	ug/Kg
118-74-1	Hexachlorobenzene	53	U	53	44.9	180	ug/Kg
1912-24-9	Atrazine	12	U	12	87.1	350	ug/Kg
87-86-5	Pentachlorophenol	40	U	40	87.1	350	ug/Kg
85-01-8	Phenanthrene	56	U	56	44.9	180	ug/Kg
608-93-5	Pentachlorobenzene	38	U	38	44.9	180	ug/Kg
120-12-7	Anthracene	50	U	50	44.9	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	5.9	U	5.9	44.9	180	ug/Kg
86-74-8	Carbazole	64	U	64	87.1	350	ug/Kg
84-74-2	Di-n-butylphthalate	60	U	60	44.9	180	ug/Kg
206-44-0	Fluoranthene	48	U	48	87.1	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SE4	SDG No.:	BN062424
Lab Sample ID:	P2856-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032206.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	44.9	180	ug/Kg
85-68-7	Butylbenzylphthalate	45	U	45	44.9	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	87.1	350	ug/Kg
56-55-3	Benzo(a)anthracene	41	U	41	44.9	180	ug/Kg
218-01-9	Chrysene	49	U	49	44.9	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	45	U	45	44.9	180	ug/Kg
117-84-0	Di-n-octyl phthalate	45	U	45	87.1	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	51	U	51	44.9	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	61	U	61	44.9	180	ug/Kg
50-32-8	Benzo(a)pyrene	60	U	60	44.9	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48	U	48	44.9	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55	U	55	44.9	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	49	U	49	44.9	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55	U	55	44.9	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.197		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	19.231		20-120		48	SPK: -40
4165-62-2	Phenol-d5	21.481		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.354		10-150		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.701		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	20.622		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	24.954		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.293		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.289		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.158		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.965		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	25.108		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.342		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	24.633		20-140		62	SPK: -40

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SE4	SDG No.:	BN062424
Lab Sample ID:	P2856-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032206.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.786		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	25.952		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	23.619		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.89		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	246703	7.628				
1146-65-2	Naphthalene-d8	974239	10.41				
15067-26-2	Acenaphthene-d10	561567	14.275				
1517-22-2	Phenanthrene-d10	1157896	17.028				
1719-03-5	Chrysene-d12	1120463	21.263				
1520-96-3	Perylene-d12	1308687	24.18				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain4.599	180	J			4.599	
	(DEL) Alkane: Straight-Chain4.687	110	J			4.687	
	(DEL) Alkane: Cyclic4.746	110	J			4.746	
	(DEL) Alkane: Cyclic4.799	170	J			4.799	
	(DEL) Alkane: Cyclic4.852	510	J			4.852	
	(DEL) Alkane: Straight-Chain5.005	320	J			5.005	
	(DEL) Alkane: Cyclic5.093	870	J			5.093	
000629-82-3	Octane, 1,1-oxybis-	410	J			5.122	
	(DEL) Alkane: Straight-Chain5.228	1100	J			5.228	
	(DEL) Alkane: Cyclic5.328	260	J			5.328	
	(DEL) Alkane: Cyclic5.446	450	J			5.446	
	(DEL) Alkane: Straight-Chain5.516	990	J			5.516	
	(DEL) Alkane: Cyclic5.593	1400	J			5.593	
	(DEL) Alkane: Cyclic5.658	1200	J			5.658	
	(DEL) Alkane: Cyclic5.734	590	J			5.734	
	(DEL) Alkane: Straight-Chain5.811	280	J			5.811	
158612-68-1	4-Hydroxy-.alpha.-Thujone	2900	J			5.905	

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SE4	SDG No.:	BN062424
Lab Sample ID:	P2856-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032206.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
072347-38-7	2-(1-Methylcyclohexyloxy)-tetrahyd	260	J			5.964	
	(DEL) Alkane: Straight-Chain6.022	1400	J			6.022	
001619-28-9	2-Cyclopenten-1-one, 3-(1-methylet	2700	J			6.14	
	(DEL) Alkane: Straight-Chain6.187	3700	J			6.187	
	(DEL) Alkane: Straight-Chain6.234	1000	J			6.234	
	(DEL) Alkane: Cyclic6.269	6700	J			6.269	
	(DEL) Alkane: Cyclic6.381	890	J			6.381	
	(DEL) Alkane: Cyclic6.446	1100	J			6.446	
	(DEL) Alkane: Straight-Chain6.522	2400	J			6.522	
	(DEL) Alkane: Straight-Chain6.581	1100	J			6.581	
	(DEL) Alkane: Straight-Chain6.616	3900	J			6.616	
	(DEL) Alkane: Straight-Chain6.675	2400	J			6.675	
	(DEL) Alkane: Cyclic6.716	780	J			6.716	
001728-25-2	2-Cycloocten-1-one	710	J			6.905	
	(DEL) Alkane: Cyclic7.040	890	J			7.04	
	(DEL) Alkane: Cyclic7.075	1200	J			7.075	
	(DEL) Alkane: Cyclic7.105	3300	J			7.105	
	(DEL) Alkane: Straight-Chain7.240	760	J			7.24	
006294-39-9	Cyclohexane, 1-bromo-2-methyl-	1600	J			7.334	
004413-21-2	Cyclopentane, 1,1-ethylidenebis-	430	J			7.387	
	(DEL) Alkane: Cyclic7.440	1400	J			7.44	
	(DEL) Alkane: Straight-Chain7.528	3000	J			7.528	
1000406-38-3	Decyl octyl ether	1500	J			7.681	
1000382-54-3	Carbonic acid, eicosyl vinyl ester	1700	J			7.799	
002384-86-3	4-Decyne	510	J			7.84	
	(DEL) Alkane: Straight-Chain7.869	820	J			7.869	
	(DEL) Alkane: Cyclic7.899	3600	J			7.899	
	(DEL) Alkane: Cyclic7.958	980	J			7.958	
	unknown-01	580	J			8.052	
	(DEL) Alkane: Straight-Chain8.140	670	J			8.14	

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SE4	SDG No.:	BN062424
Lab Sample ID:	P2856-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032206.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain8.199	1000	J			8.199	
021195-59-5	p-Mentha-1,5,8-triene	2800	J			8.263	
000091-17-8	Naphthalene, decahydro-	890	J			8.44	
000527-84-4	o-Cymene	700	J			8.569	
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	470	J			8.616	
	(DEL) Alkane: Cyclic8.687	610	J			8.687	
002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	2100	J			8.716	
1000309-21-8	Sulfurous acid, cyclohexylmethyl n	460	J			8.922	
	unknown-02	1100	J			8.963	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	270	J			9.052	
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	190	J			9.24	
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	160	J			9.299	
002547-27-5	trans-4a-Methyl-decahydronaphthale	190	J			9.581	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	230	J			9.81	
000057-10-3	n-Hexadecanoic acid	180	J			17.928	
000057-11-4	Octadecanoic acid	110	J			19.216	
	(DEL) Alkane: Cyclic20.951	110	J			20.951	
E966796	Total Alkanes	52000				99	ug/Kg



Client:				Date Collected:	6/11/2024 12:00:00 AM	
Project:				Date Received:	6/11/2024 12:00:00 AM	
Client Sample ID:	C0SE5			SDG No.:	BN062424	
Lab Sample ID:	P2856-03			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	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
BN032207.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	6.9	70	ug/Kg
100-52-7	Benzaldehyde	50	U	50	86.6	350	ug/Kg
110-86-1	Pyridine	13	U	13	170	350	ug/Kg
108-95-2	Phenol	47	U	47	86.6	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	86.6	350	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	44.6	180	ug/Kg
95-48-7	2-Methylphenol	41	U	41	86.6	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	30	U	30	86.6	350	ug/Kg
98-86-2	Acetophenone	62	U	62	86.6	350	ug/Kg
106-44-5	4-Methylphenol	43	U	43	86.6	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	39	U	39	44.6	180	ug/Kg
67-72-1	Hexachloroethane	17	U	17	44.6	180	ug/Kg
98-95-3	Nitrobenzene	28	U	28	44.6	180	ug/Kg
78-59-1	Isophorone	38	U	38	44.6	180	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	44.6	180	ug/Kg
105-67-9	2,4-Dimethylphenol	8.9	U	8.9	44.6	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	33	U	33	44.6	180	ug/Kg
120-83-2	2,4-Dichlorophenol	36	U	36	44.6	180	ug/Kg
91-20-3	Naphthalene	35	U	35	44.6	180	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	44.6	350	ug/Kg
87-68-3	Hexachlorobutadiene	27	U	27	44.6	180	ug/Kg
105-60-2	Caprolactam	42	U	42	86.6	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	38	U	38	44.6	180	ug/Kg
90-12-0	1-Methylnaphthalene	20	U	20	44.6	180	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	44.6	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	20	U	20	86.6	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	44.6	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	44.6	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SE5	SDG No.:	BN062424
Lab Sample ID:	P2856-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	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
BN032207.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	48	U	48	44.6	180	ug/Kg
91-58-7	2-Chloronaphthalene	46	U	46	44.6	180	ug/Kg
88-74-4	2-Nitroaniline	23	U	23	44.6	180	ug/Kg
131-11-3	Dimethylphthalate	40	U	40	44.6	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	44.6	180	ug/Kg
208-96-8	Acenaphthylene	48	U	48	44.6	180	ug/Kg
99-09-2	3-Nitroaniline	15	U	15	86.6	350	ug/Kg
83-32-9	Acenaphthene	52	U	52	44.6	180	ug/Kg
51-28-5	2,4-Dinitrophenol	34	U	34	86.6	350	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	86.6	350	ug/Kg
132-64-9	Dibenzofuran	42	U	42	44.6	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	14	U	14	44.6	180	ug/Kg
84-66-2	Diethylphthalate	43	U	43	44.6	180	ug/Kg
86-73-7	Fluorene	61	U	61	44.6	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	50	U	50	44.6	180	ug/Kg
100-01-6	4-Nitroaniline	17	U	17	86.6	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	41	U	41	86.6	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	47	U	47	44.6	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	47	44.6	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	44.6	180	ug/Kg
118-74-1	Hexachlorobenzene	52	U	52	44.6	180	ug/Kg
1912-24-9	Atrazine	12	U	12	86.6	350	ug/Kg
87-86-5	Pentachlorophenol	40	U	40	86.6	350	ug/Kg
85-01-8	Phenanthrene	56	U	56	44.6	180	ug/Kg
608-93-5	Pentachlorobenzene	38	U	38	44.6	180	ug/Kg
120-12-7	Anthracene	49	U	49	44.6	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	5.9	U	5.9	44.6	180	ug/Kg
86-74-8	Carbazole	64	U	64	86.6	350	ug/Kg
84-74-2	Di-n-butylphthalate	60	U	60	44.6	180	ug/Kg
206-44-0	Fluoranthene	47	U	47	86.6	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SE5	SDG No.:	BN062424
Lab Sample ID:	P2856-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	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
BN032207.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	48	U	48	44.6	180	ug/Kg
85-68-7	Butylbenzylphthalate	45	U	45	44.6	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	86.6	350	ug/Kg
56-55-3	Benzo(a)anthracene	41	U	41	44.6	180	ug/Kg
218-01-9	Chrysene	48	U	48	44.6	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	45	U	45	44.6	180	ug/Kg
117-84-0	Di-n-octyl phthalate	45	U	45	86.6	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	U	50	44.6	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	61	U	61	44.6	180	ug/Kg
50-32-8	Benzo(a)pyrene	60	U	60	44.6	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47	U	47	44.6	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55	U	55	44.6	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	44.6	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55	U	55	44.6	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.715		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	12.566		20-120		31	SPK: -40
4165-62-2	Phenol-d5	13.977		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.037		10-150		33	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.183		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	14.172		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	16.741		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.293		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.69		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.987		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.93		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	17.153		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.792		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	17.282		20-140		43	SPK: -40

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SE5	SDG No.:	BN062424
Lab Sample ID:	P2856-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	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
BN032207.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.188		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	18.299		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	16.865		10-130		42	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.309		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	269152	7.628				
1146-65-2	Naphthalene-d8	1048314	10.41				
15067-26-2	Acenaphthene-d10	640316	14.275				
1517-22-2	Phenanthrene-d10	1311745	17.028				
1719-03-5	Chrysene-d12	1297102	21.263				
1520-96-3	Perylene-d12	1537818	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	98	J			17.927	
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SE7	SDG No.:	BN062424
Lab Sample ID:	P2856-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032208.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.8	79	ug/Kg
100-52-7	Benzaldehyde	57	U	57	97.7	390	ug/Kg
110-86-1	Pyridine	14	U	14	200	390	ug/Kg
108-95-2	Phenol	53	U	53	97.7	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	97.7	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50.3	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97.7	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	97.7	390	ug/Kg
98-86-2	Acetophenone	70	U	70	97.7	390	ug/Kg
106-44-5	4-Methylphenol	49	U	49	97.7	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	50.3	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	50.3	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	50.3	200	ug/Kg
78-59-1	Isophorone	43	U	43	50.3	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	50.3	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	50.3	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	50.3	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	50.3	200	ug/Kg
91-20-3	Naphthalene	260		39	50.3	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	50.3	390	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	50.3	200	ug/Kg
105-60-2	Caprolactam	47	U	47	97.7	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	50.3	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	50.3	200	ug/Kg
91-57-6	2-Methylnaphthalene	48	J	44	50.3	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	97.7	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	50.3	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	50.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SE7	SDG No.:	BN062424
Lab Sample ID:	P2856-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032208.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	50.3	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	50.3	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.3	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	50.3	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	50.3	200	ug/Kg
208-96-8	Acenaphthylene	54	U	54	50.3	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	97.7	390	ug/Kg
83-32-9	Acenaphthene	59	U	59	50.3	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	97.7	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	97.7	390	ug/Kg
132-64-9	Dibenzofuran	47	U	47	50.3	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	50.3	200	ug/Kg
84-66-2	Diethylphthalate	49	U	49	50.3	200	ug/Kg
86-73-7	Fluorene	69	U	69	50.3	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	50.3	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	97.7	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	97.7	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	50.3	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	50.3	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	50.3	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50.3	200	ug/Kg
1912-24-9	Atrazine	13	U	13	97.7	390	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	97.7	390	ug/Kg
85-01-8	Phenanthrene	63	U	63	50.3	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	50.3	200	ug/Kg
120-12-7	Anthracene	56	U	56	50.3	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.6	U	6.6	50.3	200	ug/Kg
86-74-8	Carbazole	72	U	72	97.7	390	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	50.3	200	ug/Kg
206-44-0	Fluoranthene	53	U	53	97.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SE7	SDG No.:	BN062424
Lab Sample ID:	P2856-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032208.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	50.3	200	ug/Kg
85-68-7	Butylbenzylphthalate	51	U	51	50.3	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	97.7	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	50.3	200	ug/Kg
218-01-9	Chrysene	54	U	54	50.3	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	50.3	200	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	97.7	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	57	U	57	50.3	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	69	U	69	50.3	200	ug/Kg
50-32-8	Benzo(a)pyrene	67	U	67	50.3	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	U	53	50.3	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	62	U	62	50.3	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	50.3	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	62	U	62	50.3	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.153		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	15.322		20-120		38	SPK: -40
4165-62-2	Phenol-d5	17.845		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.49		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.966		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	18.568		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	21.545		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.994		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.262		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.722		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.203		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.105		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.119		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	22.757		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SE7	SDG No.:	BN062424
Lab Sample ID:	P2856-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032208.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.561		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	23.602		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	23.189		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.885		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	307333	7.628				
1146-65-2	Naphthalene-d8	1210054	10.405				
15067-26-2	Acenaphthene-d10	746791	14.275				
1517-22-2	Phenanthrene-d10	1544431	17.028				
1719-03-5	Chrysene-d12	1448951	21.263				
1520-96-3	Perylene-d12	1735844	24.18				
TENTATIVE IDENTIFIED COMPOUNDS							
000673-32-5	Benzene, 1-propynyl-	86	J			8.158	
000057-10-3	n-Hexadecanoic acid	240	J			17.928	
000057-11-4	Octadecanoic acid	150	J			19.216	
	(DEL) Alkane: Straight-Chain	20.951	J			20.951	
E966796	Total Alkanes	110				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D56DL	SDG No.:	BN062424
Lab Sample ID:	P2775-24DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032209.D	10	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	140	U	140	78.6	790	ug/Kg
100-52-7	Benzaldehyde	570	U	570	980	3900	ug/Kg
110-86-1	Pyridine	140	U	140	2000	3900	ug/Kg
108-95-2	Phenol	540	U	540	980	3900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	420	U	420	980	3900	ug/Kg
95-57-8	2-Chlorophenol	260	U	260	510	2000	ug/Kg
95-48-7	2-Methylphenol	460	U	460	980	3900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	350	U	350	980	3900	ug/Kg
98-86-2	Acetophenone	700	U	700	980	3900	ug/Kg
106-44-5	4-Methylphenol	490	U	490	980	3900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	440	U	440	510	2000	ug/Kg
67-72-1	Hexachloroethane	190	U	190	510	2000	ug/Kg
98-95-3	Nitrobenzene	320	U	320	510	2000	ug/Kg
78-59-1	Isophorone	430	U	430	510	2000	ug/Kg
88-75-5	2-Nitrophenol	360	U	360	510	2000	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	510	2000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	370	U	370	510	2000	ug/Kg
120-83-2	2,4-Dichlorophenol	400	U	400	510	2000	ug/Kg
91-20-3	Naphthalene	6600	D	390	510	2000	ug/Kg
106-47-8	4-Chloroaniline	520	U	520	510	3900	ug/Kg
87-68-3	Hexachlorobutadiene	310	U	310	510	2000	ug/Kg
105-60-2	Caprolactam	480	U	480	980	3900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	430	U	430	510	2000	ug/Kg
90-12-0	1-Methylnaphthalene	2300	D	230	510	2000	ug/Kg
91-57-6	2-Methylnaphthalene	3600	D	440	510	2000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	230	U	230	980	3900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	600	U	600	510	2000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	580	U	580	510	2000	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D56DL	SDG No.:	BN062424
Lab Sample ID:	P2775-24DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032209.D	10	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	800	JD	550	510	2000	ug/Kg
91-58-7	2-Chloronaphthalene	520	U	520	510	2000	ug/Kg
88-74-4	2-Nitroaniline	260	U	260	510	2000	ug/Kg
131-11-3	Dimethylphthalate	450	U	450	510	2000	ug/Kg
606-20-2	2,6-Dinitrotoluene	310	U	310	510	2000	ug/Kg
208-96-8	Acenaphthylene	550	U	550	510	2000	ug/Kg
99-09-2	3-Nitroaniline	170	U	170	980	3900	ug/Kg
83-32-9	Acenaphthene	11000	D	600	510	2000	ug/Kg
51-28-5	2,4-Dinitrophenol	380	U	380	980	3900	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	980	3900	ug/Kg
132-64-9	Dibenzofuran	8400	D	480	510	2000	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	U	150	510	2000	ug/Kg
84-66-2	Diethylphthalate	490	U	490	510	2000	ug/Kg
86-73-7	Fluorene	12000	D	690	510	2000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	570	U	570	510	2000	ug/Kg
100-01-6	4-Nitroaniline	190	U	190	980	3900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	460	U	460	980	3900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	540	U	540	510	2000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	540	U	540	510	2000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200	U	1200	510	2000	ug/Kg
118-74-1	Hexachlorobenzene	600	U	600	510	2000	ug/Kg
1912-24-9	Atrazine	130	U	130	980	3900	ug/Kg
87-86-5	Pentachlorophenol	450	U	450	980	3900	ug/Kg
85-01-8	Phenanthrene	61000	ED	630	510	2000	ug/Kg
608-93-5	Pentachlorobenzene	430	U	430	510	2000	ug/Kg
120-12-7	Anthracene	20000	D	560	510	2000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	67	U	67	510	2000	ug/Kg
86-74-8	Carbazole	9500	D	730	980	3900	ug/Kg
84-74-2	Di-n-butylphthalate	680	U	680	510	2000	ug/Kg
206-44-0	Fluoranthene	53000	ED	540	980	2000	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D56DL	SDG No.:	BN062424
Lab Sample ID:	P2775-24DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032209.D	10	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	41000	ED	550	510	2000	ug/Kg
85-68-7	Butylbenzylphthalate	510	U	510	510	2000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	300	U	300	980	3900	ug/Kg
56-55-3	Benzo(a)anthracene	27000	D	460	510	2000	ug/Kg
218-01-9	Chrysene	25000	D	550	510	2000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	510	U	510	510	2000	ug/Kg
117-84-0	Di-n-octyl phthalate	510	U	510	980	3900	ug/Kg
205-99-2	Benzo(b)fluoranthene	24000	D	570	510	2000	ug/Kg
207-08-9	Benzo(k)fluoranthene	10000	D	690	510	2000	ug/Kg
50-32-8	Benzo(a)pyrene	12000	D	680	510	2000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	7500	D	540	510	2000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3500	D	620	510	2000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100	JD	550	510	2000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	620	U	620	510	2000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.8		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	10.41		20-120		26	SPK: -40
4165-62-2	Phenol-d5	24.18		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.65		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.83		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	23.84		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	27.47		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.44		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.23		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.83		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.35		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	29.82		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.72		10-150		44	SPK: -40
81103-79-9	Fluorene-d10	31.91		20-140		80	SPK: -40

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D56DL	SDG No.:	BN062424
Lab Sample ID:	P2775-24DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032209.D	10	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.74		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	33.97		10-150		85	SPK: -40
1718-52-1	Pyrene-d10	30.54		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.78		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	250247	7.628				
1146-65-2	Naphthalene-d8	972592	10.404				
15067-26-2	Acenaphthene-d10	580397	14.275				
1517-22-2	Phenanthrene-d10	1150468	17.028				
1719-03-5	Chrysene-d12	990637	21.269				
1520-96-3	Perylene-d12	1270045	24.186				
TENTATIVE IDENTIFIED COMPOUNDS							
000575-37-1	Naphthalene, 1,7-dimethyl-	2100	JD			13.592	
001855-47-6	1-Isopropenylnaphthalene	1400	JD			14.587	
000954-21-2	Nordiphenamid	2400	JD			15.486	
013029-08-8	1,1-Biphenyl, 2,2-dichloro-	2300	JD			15.534	
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phe	3400	JD			15.622	
006344-67-8	9H-Fluoren-3-ol	4000	JD			15.769	
002523-37-7	9H-Fluorene, 9-methyl-	3600	JD			16.334	
000486-25-9	9H-Fluoren-9-one	2500	JD			16.686	
002141-42-6	Anthracene, 1,2,3,4-tetrahydro-	4600	JD			16.781	
000132-65-0	Dibenzothiophene	3900	JD			16.845	
000260-94-6	Acridine	2500	JD			17.222	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	3000	JD			17.616	
002531-84-2	Phenanthrene, 2-methyl-	9000	JD			17.904	
000832-69-9	Phenanthrene, 1-methyl-	12000	JD			17.951	
000610-48-0	Anthracene, 1-methyl-	5700	JD			18.033	
000203-64-5	4H-Cyclopenta[def]phenanthrene	15000	JD			18.098	
000613-12-7	Anthracene, 2-methyl-	4700	JD			18.133	

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D56DL	SDG No.:	BN062424
Lab Sample ID:	P2775-24DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032209.D	10	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
003652-91-3	9H-Carbazole, 2-methyl-	1600	JD			18.21	
000612-94-2	Naphthalene, 2-phenyl-	5100	JD			18.41	
000084-65-1	9,10-Anthracenedione	2500	JD			18.457	
003674-69-9	Phenanthrene, 4,5-dimethyl-	1800	JD			18.657	
000483-87-4	Phenanthrene, 1,7-dimethyl-	1600	JD			18.704	
003674-66-6	Phenanthrene, 2,5-dimethyl-	1500	JD			18.745	
002789-88-0	di-p-Tolylacetylene	4700	JD			18.828	
	unknown-01	3300	JD			18.892	
005737-13-3	Cyclopenta(def)phenanthrenone	4000	JD			18.969	
000243-17-4	11H-Benzo[b]fluorene	2100	JD			19.957	
033543-31-6	Fluoranthene, 2-methyl-	1500	JD			20.057	
000205-82-3	Benzo[j]fluoranthene	3600	JD			23.492	
000192-97-2	Benzo[e]pyrene	5900	JD			23.916	
E966796	Total Alkanes	550	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SG9	SDG No.:	BN062424
Lab Sample ID:	P2856-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032210.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.4	75	ug/Kg
100-52-7	Benzaldehyde	54	U	54	92.3	370	ug/Kg
110-86-1	Pyridine	13	U	13	180	370	ug/Kg
108-95-2	Phenol	50	U	50	92.3	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	92.3	370	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	47.5	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	92.3	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	92.3	370	ug/Kg
98-86-2	Acetophenone	66	U	66	92.3	370	ug/Kg
106-44-5	4-Methylphenol	46	U	46	92.3	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	41	U	41	47.5	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	47.5	190	ug/Kg
98-95-3	Nitrobenzene	30	U	30	47.5	190	ug/Kg
78-59-1	Isophorone	40	U	40	47.5	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	47.5	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.5	U	9.5	47.5	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	35	U	35	47.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	47.5	190	ug/Kg
91-20-3	Naphthalene	4000	E	37	47.5	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	47.5	370	ug/Kg
87-68-3	Hexachlorobutadiene	29	U	29	47.5	190	ug/Kg
105-60-2	Caprolactam	45	U	45	92.3	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	40	U	40	47.5	190	ug/Kg
90-12-0	1-Methylnaphthalene	260		21	47.5	190	ug/Kg
91-57-6	2-Methylnaphthalene	490		41	47.5	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	21	U	21	92.3	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	47.5	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	47.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SG9	SDG No.:	BN062424
Lab Sample ID:	P2856-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032210.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	51	U	51	47.5	190	ug/Kg
91-58-7	2-Chloronaphthalene	49	U	49	47.5	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	47.5	190	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	47.5	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	47.5	190	ug/Kg
208-96-8	Acenaphthylene	51	U	51	47.5	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	92.3	370	ug/Kg
83-32-9	Acenaphthene	56	U	56	47.5	190	ug/Kg
51-28-5	2,4-Dinitrophenol	36	U	36	92.3	370	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	92.3	370	ug/Kg
132-64-9	Dibenzofuran	45	U	45	47.5	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	47.5	190	ug/Kg
84-66-2	Diethylphthalate	46	U	46	47.5	190	ug/Kg
86-73-7	Fluorene	65	U	65	47.5	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	54	47.5	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	92.3	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	92.3	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	47.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U	50	47.5	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	47.5	190	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	47.5	190	ug/Kg
1912-24-9	Atrazine	12	U	12	92.3	370	ug/Kg
87-86-5	Pentachlorophenol	43	U	43	92.3	370	ug/Kg
85-01-8	Phenanthrene	59	U	59	47.5	190	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	47.5	190	ug/Kg
120-12-7	Anthracene	53	U	53	47.5	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.3	U	6.3	47.5	190	ug/Kg
86-74-8	Carbazole	68	U	68	92.3	370	ug/Kg
84-74-2	Di-n-butylphthalate	340		64	47.5	190	ug/Kg
206-44-0	Fluoranthene	50	U	50	92.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SG9	SDG No.:	BN062424
Lab Sample ID:	P2856-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032210.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	51	U	51	47.5	190	ug/Kg
85-68-7	Butylbenzylphthalate	53	J	48	47.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	92.3	370	ug/Kg
56-55-3	Benzo(a)anthracene	44	U	44	47.5	190	ug/Kg
218-01-9	Chrysene	51	U	51	47.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		48	47.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	59	J	48	92.3	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	54	U	54	47.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	65	U	65	47.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	64	U	64	47.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50	U	50	47.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58	U	58	47.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	U	51	47.5	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58	U	58	47.5	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	8.181		15-120		102	SPK: -8
7291-22-7	Pyridine-d5	37.372		20-120		93	SPK: -40
4165-62-2	Phenol-d5	79.837	*	10-130		200	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	283.844	*	10-150		710	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.753		15-120		34	SPK: -40
190780-66-6	4-Methylphenol-d8	66.694	*	10-140		167	SPK: -40
4165-60-0	Nitrobenzene-d5	26.594		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.558		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.638		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.178		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.546		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	25.89		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.596		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	25.025		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SG9	SDG No.:	BN062424
Lab Sample ID:	P2856-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032210.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.368		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	26.925		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	25.841		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.577		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	138744	7.646				
1146-65-2	Naphthalene-d8	1077888	10.428				
15067-26-2	Acenaphthene-d10	651793	14.275				
1517-22-2	Phenanthrene-d10	1251521	17.028				
1719-03-5	Chrysene-d12	1138423	21.263				
1520-96-3	Perylene-d12	1344400	24.18				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Cyclic4.052	120	J			4.052	
	(DEL) Alkane: Straight-Chain4.211	110	J			4.211	
	(DEL) Alkane: Straight-Chain4.605	210	J			4.605	
	(DEL) Alkane: Straight-Chain4.705	76	J			4.705	
	(DEL) Alkane: Cyclic4.805	120	J			4.805	
	(DEL) Alkane: Cyclic4.864	520	J			4.864	
	(DEL) Alkane: Straight-Chain5.016	240	J			5.016	
	(DEL) Alkane: Straight-Chain5.128	1000	J			5.128	
	(DEL) Alkane: Straight-Chain5.246	590	J			5.246	
	(DEL) Alkane: Cyclic5.463	330	J			5.463	
	(DEL) Alkane: Cyclic5.563	320	J			5.563	
014339-23-2	2-Pyrazoline, 5-ethyl-1,4-dimethyl	380	J			5.616	
	(DEL) Alkane: Cyclic5.975	2500	J			5.975	
000622-96-8	Benzene, 1-ethyl-4-methyl-	750	J			7.828	
	unknown-01	200	J			7.999	
	(DEL) Alkane: Straight-Chain8.463	380	J			8.463	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	680	J			8.646	

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SG9	SDG No.:	BN062424
Lab Sample ID:	P2856-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032210.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000527-84-4	o-Cymene	850	J			8.704	
000768-49-0	Benzene, (2-methyl-1-propenyl)-	930	J			8.875	
	(DEL) Alkane: Cyclic8.928	150	J			8.928	
1000309-21-9	Sulfurous acid, cyclohexylmethyl u	280	J			8.975	
002050-24-0	Benzene, 1,3-diethyl-5-methyl-	810	J			9.022	
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	2000	J			9.104	
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	1000	J			9.287	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	1200	J			9.351	
017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimethy	88	J			9.451	
056253-64-6	Benzene, (2-methyl-1-butenyl)-	1200	J			9.634	
000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	630	J			9.693	
	(DEL) Alkane: Straight-Chain9.775	350	J			9.775	
002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	1100	J			9.846	
001595-16-0	Benzene, 1-methyl-4-(1-methylpropy	380	J			9.899	
	(DEL) Alkane: Straight-Chain9.951	100	J			9.951	
000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	130	J			9.993	
002049-95-8	Benzene, (1,1-dimethylpropyl)-	280	J			10.128	
	unknown-02	160	J			10.31	
004920-99-4	Benzene, 1-ethyl-3-(1-methylethyl)	87	J			10.634	
	(DEL) Alkane: Straight-Chain11.828	81	J			11.828	
	(DEL) Alkane: Straight-Chain13.087	180	J			13.087	
000581-40-8	Naphthalene, 2,3-dimethyl-	140	J			13.592	
	(DEL) Alkane: Straight-Chain14.169	170	J			14.169	
	(DEL) Alkane: Straight-Chain15.128	170	J			15.128	
	(DEL) Alkane: Straight-Chain15.534	400	J			15.534	
1000383-11-5	Carbonic acid, octadecyl prop-1-en	150	J			15.687	
	(DEL) Alkane: Cyclic15.745	130	J			15.745	
	(DEL) Alkane: Straight-Chain16.010	780	J			16.01	
	(DEL) Alkane: Straight-Chain16.786	130	J			16.786	
	(DEL) Alkane: Straight-Chain16.834	330	J			16.834	

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SG9	SDG No.:	BN062424
Lab Sample ID:	P2856-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032210.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Cyclic17.386	150	J			17.386	
	(DEL) Alkane: Straight-Chain17.522	220	J			17.522	
000057-10-3	n-Hexadecanoic acid	170	J			17.927	
	(DEL) Alkane: Straight-Chain18.680	120	J			18.68	
006566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	170	J			19.145	
000053-19-0	Mitotane	1000	J			19.669	
	(DEL) Alkane: Straight-Chain19.974	190	J			19.974	
004329-12-8	m,p-DDD	3200	J			20.086	
	(DEL) Alkane: Straight-Chain20.474	190	J			20.474	
1000382-54-4	Carbonic acid, octadecyl vinyl est	370	J			20.945	
	(DEL) Alkane: Straight-Chain21.445	230	J			21.445	
	(DEL) Alkane: Straight-Chain21.992	180	J			21.992	
007683-64-9	Supraene	390	J			22.786	
015600-08-5	Cholestan-3-one	800	J			26.174	
E966796	Total Alkanes	11000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SH0	SDG No.:	BN062424
Lab Sample ID:	P2856-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.5
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
BN032211.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.1	72	ug/Kg
100-52-7	Benzaldehyde	52	U	52	88.9	360	ug/Kg
110-86-1	Pyridine	13	U	13	180	360	ug/Kg
108-95-2	Phenol	48	U	48	88.9	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	88.9	360	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	45.8	180	ug/Kg
95-48-7	2-Methylphenol	42	U	42	88.9	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	88.9	360	ug/Kg
98-86-2	Acetophenone	64	U	64	88.9	360	ug/Kg
106-44-5	4-Methylphenol	44	U	44	88.9	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	40	U	40	45.8	180	ug/Kg
67-72-1	Hexachloroethane	17	U	17	45.8	180	ug/Kg
98-95-3	Nitrobenzene	29	U	29	45.8	180	ug/Kg
78-59-1	Isophorone	39	U	39	45.8	180	ug/Kg
88-75-5	2-Nitrophenol	32	U	32	45.8	180	ug/Kg
105-67-9	2,4-Dimethylphenol	9.2	U	9.2	45.8	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	33	U	33	45.8	180	ug/Kg
120-83-2	2,4-Dichlorophenol	37	U	37	45.8	180	ug/Kg
91-20-3	Naphthalene	36	U	36	45.8	180	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	45.8	360	ug/Kg
87-68-3	Hexachlorobutadiene	28	U	28	45.8	180	ug/Kg
105-60-2	Caprolactam	43	U	43	88.9	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	39	U	39	45.8	180	ug/Kg
90-12-0	1-Methylnaphthalene	20	U	20	45.8	180	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	45.8	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	20	U	20	88.9	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	45.8	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	45.8	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SH0	SDG No.:	BN062424
Lab Sample ID:	P2856-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.5
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
BN032211.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	50	U	50	45.8	180	ug/Kg
91-58-7	2-Chloronaphthalene	47	U	47	45.8	180	ug/Kg
88-74-4	2-Nitroaniline	24	U	24	45.8	180	ug/Kg
131-11-3	Dimethylphthalate	41	U	41	45.8	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	28	U	28	45.8	180	ug/Kg
208-96-8	Acenaphthylene	50	U	50	45.8	180	ug/Kg
99-09-2	3-Nitroaniline	15	U	15	88.9	360	ug/Kg
83-32-9	Acenaphthene	54	U	54	45.8	180	ug/Kg
51-28-5	2,4-Dinitrophenol	34	U	34	88.9	360	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	88.9	360	ug/Kg
132-64-9	Dibenzofuran	43	U	43	45.8	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	14	U	14	45.8	180	ug/Kg
84-66-2	Diethylphthalate	44	U	44	45.8	180	ug/Kg
86-73-7	Fluorene	62	U	62	45.8	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	52	U	52	45.8	180	ug/Kg
100-01-6	4-Nitroaniline	17	U	17	88.9	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	88.9	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	48	U	48	45.8	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	48	U	48	45.8	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	45.8	180	ug/Kg
118-74-1	Hexachlorobenzene	54	U	54	45.8	180	ug/Kg
1912-24-9	Atrazine	12	U	12	88.9	360	ug/Kg
87-86-5	Pentachlorophenol	41	U	41	88.9	360	ug/Kg
85-01-8	Phenanthrene	57	U	57	45.8	180	ug/Kg
608-93-5	Pentachlorobenzene	39	U	39	45.8	180	ug/Kg
120-12-7	Anthracene	51	U	51	45.8	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6	U	6	45.8	180	ug/Kg
86-74-8	Carbazole	66	U	66	88.9	360	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	45.8	180	ug/Kg
206-44-0	Fluoranthene	48	U	48	88.9	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SH0	SDG No.:	BN062424
Lab Sample ID:	P2856-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.5
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
BN032211.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	50	U	50	45.8	180	ug/Kg
85-68-7	Butylbenzylphthalate	46	U	46	45.8	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	88.9	360	ug/Kg
56-55-3	Benzo(a)anthracene	42	U	42	45.8	180	ug/Kg
218-01-9	Chrysene	50	U	50	45.8	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	46	U	46	45.8	180	ug/Kg
117-84-0	Di-n-octyl phthalate	46	U	46	88.9	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	52	U	52	45.8	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	62	U	62	45.8	180	ug/Kg
50-32-8	Benzo(a)pyrene	61	U	61	45.8	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48	U	48	45.8	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56	U	56	45.8	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50	U	50	45.8	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	56	U	56	45.8	180	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	17.324		20-120		43	SPK: -40
17647-74-4	1,4-Dioxane-d8	4.033		15-120		50	SPK: -8
4165-62-2	Phenol-d5	20.034		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.894		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.799		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	19.573		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	23.811		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.475		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.296		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.127		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.724		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	24.136		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.736		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	24.022		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SH0	SDG No.:	BN062424
Lab Sample ID:	P2856-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.5
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
BN032211.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.679		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	25.113		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	24.259		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.408		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	253980	7.628				
1146-65-2	Naphthalene-d8	977330	10.404				
15067-26-2	Acenaphthene-d10	583400	14.275				
1517-22-2	Phenanthrene-d10	1181599	17.028				
1719-03-5	Chrysene-d12	1115627	21.263				
1520-96-3	Perylene-d12	1312893	24.18				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Cyclic5.087	110	J			5.087	
	(DEL) Alkane: Straight-Chain5.122	88	J			5.122	
	(DEL) Alkane: Straight-Chain5.222	150	J			5.222	
	(DEL) Alkane: Straight-Chain5.516	140	J			5.516	
	(DEL) Alkane: Cyclic5.593	210	J			5.593	
	(DEL) Alkane: Straight-Chain5.652	1200	J			5.652	
	(DEL) Alkane: Straight-Chain5.728	110	J			5.728	
	unknown-01	620	J			5.905	
	(DEL) Alkane: Straight-Chain6.022	320	J			6.022	
	(DEL) Alkane: Cyclic6.116	330	J			6.116	
	(DEL) Alkane: Straight-Chain6.187	830	J			6.187	
1000309-38-7	Oxalic acid, 2-ethylhexyl pentyl e	190	J			6.234	
	(DEL) Alkane: Cyclic6.264	540	J			6.264	
	(DEL) Alkane: Cyclic6.381	230	J			6.381	
	(DEL) Alkane: Cyclic6.440	250	J			6.44	
	(DEL) Alkane: Straight-Chain6.522	680	J			6.522	
	(DEL) Alkane: Straight-Chain6.581	340	J			6.581	

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SH0	SDG No.:	BN062424
Lab Sample ID:	P2856-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.5
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
BN032211.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain6.616	990	J			6.616	
	(DEL) Alkane: Straight-Chain6.669	760	J			6.669	
343270-50-8	2-(Butyliden-2-one)tetrahydrofuran	200	J			6.716	
013162-47-5	2,4-Dodecadienal	130	J			6.905	
	(DEL) Alkane: Cyclic7.069	92	J			7.069	
002890-62-2	Ethanone, 1-(1-methylcyclohexyl)-	630	J			7.105	
	(DEL) Alkane: Straight-Chain7.240	3600	J			7.24	
1000389-81-4	Succinic acid, cyclohexylmethyl 4-	350	J			7.334	
	(DEL) Alkane: Cyclic7.387	83	J			7.387	
	unknown-02	270	J			7.44	
	(DEL) Alkane: Straight-Chain7.528	630	J			7.528	
	unknown-03	310	J			7.799	
	(DEL) Alkane: Straight-Chain7.869	97	J			7.869	
	(DEL) Alkane: Cyclic7.899	730	J			7.899	
1000283-20-9	2,4-Dimethyl-1,5-diazabicyclo[3.1.	160	J			7.958	
	(DEL) Alkane: Cyclic8.052	110	J			8.052	
000135-01-3	Benzene, 1,2-diethyl-	130	J			8.11	
	(DEL) Alkane: Straight-Chain8.140	200	J			8.14	
001074-43-7	Benzene, 1-methyl-3-propyl-	330	J			8.163	
1000365-51-8	4-Methyl-3-heptanol, trifluoroacet	150	J			8.199	
000141-93-5	Benzene, 1,3-diethyl-	770	J			8.258	
000091-17-8	Naphthalene, decahydro-	320	J			8.44	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	180	J			8.569	
000527-84-4	o-Cymene	170	J			8.616	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	360	J			8.716	
	unknown-04	190	J			8.963	
000057-10-3	n-Hexadecanoic acid	170	J			17.928	
000057-11-4	Octadecanoic acid	89	J			19.216	
001454-84-8	n-Nonadecanol-1	100	J			20.951	
E966796	Total Alkanes	13000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SH0	SDG No.:	BN062424
Lab Sample ID:	P2856-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.5
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
BN032211.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SH1	SDG No.:	BN062424
Lab Sample ID:	P2856-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
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
BN032212.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8	81	ug/Kg
100-52-7	Benzaldehyde	58	U	58	99.7	400	ug/Kg
110-86-1	Pyridine	14	U	14	200	400	ug/Kg
108-95-2	Phenol	54	U	54	99.7	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	99.7	400	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	51.3	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	99.7	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	99.7	400	ug/Kg
98-86-2	Acetophenone	71	U	71	99.7	400	ug/Kg
106-44-5	4-Methylphenol	50	U	50	99.7	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	51.3	210	ug/Kg
67-72-1	Hexachloroethane	19	U	19	51.3	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	51.3	210	ug/Kg
78-59-1	Isophorone	43	U	43	51.3	210	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	51.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	51.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	51.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	51.3	210	ug/Kg
91-20-3	Naphthalene	96	J	40	51.3	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	51.3	400	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	51.3	210	ug/Kg
105-60-2	Caprolactam	48	U	48	99.7	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	51.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	51.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	99.7	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	51.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	59	51.3	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SH1	SDG No.:	BN062424
Lab Sample ID:	P2856-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
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
BN032212.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	51.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	51.3	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.3	210	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	51.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	51.3	210	ug/Kg
208-96-8	Acenaphthylene	56	U	56	51.3	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	99.7	400	ug/Kg
83-32-9	Acenaphthene	60	U	60	51.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	99.7	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	99.7	400	ug/Kg
132-64-9	Dibenzofuran	48	U	48	51.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	51.3	210	ug/Kg
84-66-2	Diethylphthalate	50	U	50	51.3	210	ug/Kg
86-73-7	Fluorene	70	U	70	51.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	51.3	210	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	99.7	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	99.7	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	51.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	51.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	51.3	210	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51.3	210	ug/Kg
1912-24-9	Atrazine	13	U	13	99.7	400	ug/Kg
87-86-5	Pentachlorophenol	46	U	46	99.7	400	ug/Kg
85-01-8	Phenanthrene	64	U	64	51.3	210	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	51.3	210	ug/Kg
120-12-7	Anthracene	57	U	57	51.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.8	U	6.8	51.3	210	ug/Kg
86-74-8	Carbazole	74	U	74	99.7	400	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	51.3	210	ug/Kg
206-44-0	Fluoranthene	54	U	54	99.7	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SH1	SDG No.:	BN062424
Lab Sample ID:	P2856-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
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
BN032212.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	51.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	51.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	99.7	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51.3	210	ug/Kg
218-01-9	Chrysene	56	U	56	51.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	51.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	99.7	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	58	U	58	51.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	70	U	70	51.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	69	U	69	51.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54	U	54	51.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63	U	63	51.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56	U	56	51.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	63	U	63	51.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.669		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	22.047		20-120		55	SPK: -40
4165-62-2	Phenol-d5	23.563		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.479		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.015		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	23.872		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	29.29		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.206		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.831		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.698		1-145		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.357		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	29.334		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.466		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	29.375		20-140		73	SPK: -40

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SH1	SDG No.:	BN062424
Lab Sample ID:	P2856-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032212.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.136		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	31.313		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	29.123		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.379		10-140		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	255276	7.628				
1146-65-2	Naphthalene-d8	967605	10.41				
15067-26-2	Acenaphthene-d10	585646	14.275				
1517-22-2	Phenanthrene-d10	1192416	17.028				
1719-03-5	Chrysene-d12	1158907	21.263				
1520-96-3	Perylene-d12	1339353	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	90	J			11.157	
000057-10-3	n-Hexadecanoic acid	240	J			17.927	
000057-11-4	Octadecanoic acid	130	J			19.216	
	(DEL) Alkane: Cyclic20.945	89	J			20.945	
E966796	Total Alkanes	89				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SH2	SDG No.:	BN062424
Lab Sample ID:	P2856-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.5
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
BN032213.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.2	83	ug/Kg
100-52-7	Benzaldehyde	59	U	59	100	410	ug/Kg
110-86-1	Pyridine	15	U	15	200	410	ug/Kg
108-95-2	Phenol	56	U	56	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	410	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	52.6	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	100	410	ug/Kg
98-86-2	Acetophenone	73	U	73	100	410	ug/Kg
106-44-5	4-Methylphenol	51	U	51	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	46	U	46	52.6	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	52.6	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	52.6	210	ug/Kg
78-59-1	Isophorone	45	U	45	52.6	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	52.6	210	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	52.6	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	52.6	210	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	52.6	210	ug/Kg
91-20-3	Naphthalene	68	J	41	52.6	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	52.6	410	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	52.6	210	ug/Kg
105-60-2	Caprolactam	50	U	50	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	52.6	210	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	52.6	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	52.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	24	U	24	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	52.6	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	61	U	61	52.6	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SH2	SDG No.:	BN062424
Lab Sample ID:	P2856-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.5
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
BN032213.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	52.6	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	52.6	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.6	210	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	52.6	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	52.6	210	ug/Kg
208-96-8	Acenaphthylene	57	U	57	52.6	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	410	ug/Kg
83-32-9	Acenaphthene	62	U	62	52.6	210	ug/Kg
51-28-5	2,4-Dinitrophenol	40	U	40	100	410	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	410	ug/Kg
132-64-9	Dibenzofuran	50	U	50	52.6	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	52.6	210	ug/Kg
84-66-2	Diethylphthalate	51	U	51	52.6	210	ug/Kg
86-73-7	Fluorene	72	U	72	52.6	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	52.6	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	56	U	56	52.6	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	52.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	52.6	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	52.6	210	ug/Kg
1912-24-9	Atrazine	14	U	14	100	410	ug/Kg
87-86-5	Pentachlorophenol	47	U	47	100	410	ug/Kg
85-01-8	Phenanthrene	66	U	66	52.6	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	52.6	210	ug/Kg
120-12-7	Anthracene	58	U	58	52.6	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.9	U	6.9	52.6	210	ug/Kg
86-74-8	Carbazole	76	U	76	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	71	U	71	52.6	210	ug/Kg
206-44-0	Fluoranthene	56	U	56	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SH2	SDG No.:	BN062424
Lab Sample ID:	P2856-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.5
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
BN032213.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	57	U	57	52.6	210	ug/Kg
85-68-7	Butylbenzylphthalate	53	U	53	52.6	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	48	U	48	52.6	210	ug/Kg
218-01-9	Chrysene	57	U	57	52.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	52.6	210	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	59	U	59	52.6	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	72	U	72	52.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	71	U	71	52.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	56	U	56	52.6	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	64	U	64	52.6	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57	U	57	52.6	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	64	U	64	52.6	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.071		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	12.332		20-120		31	SPK: -40
4165-62-2	Phenol-d5	19.934		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.492		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.951		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	19.836		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	23.971		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.007		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.328		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.093		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.539		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	24.988		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.38		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	25.02		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SH2	SDG No.:	BN062424
Lab Sample ID:	P2856-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.5
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
BN032213.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.358		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	26.885		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	25.499		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.477		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	269230	7.628				
1146-65-2	Naphthalene-d8	1027190	10.41				
15067-26-2	Acenaphthene-d10	594694	14.275				
1517-22-2	Phenanthrene-d10	1194441	17.028				
1719-03-5	Chrysene-d12	1149521	21.263				
1520-96-3	Perylene-d12	1373802	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	170	J			17.927	
000057-11-4	Octadecanoic acid	88	J			19.216	
1000351-88-8	Nonadecyl pentafluoropropionate	120	J			20.951	
E966796	Total Alkanes	57	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SH3	SDG No.:	BN062424
Lab Sample ID:	P2856-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032214.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.6	87	ug/Kg
100-52-7	Benzaldehyde	63	U	63	110	430	ug/Kg
110-86-1	Pyridine	16	U	16	220	430	ug/Kg
108-95-2	Phenol	59	U	59	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	110	430	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	55.5	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	77	U	77	110	430	ug/Kg
106-44-5	4-Methylphenol	54	U	54	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	48	U	48	55.5	220	ug/Kg
67-72-1	Hexachloroethane	21	U	21	55.5	220	ug/Kg
98-95-3	Nitrobenzene	35	U	35	55.5	220	ug/Kg
78-59-1	Isophorone	47	U	47	55.5	220	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	55.5	220	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	55.5	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	40	U	40	55.5	220	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	55.5	220	ug/Kg
91-20-3	Naphthalene	1500		43	55.5	220	ug/Kg
106-47-8	4-Chloroaniline	57	U	57	55.5	430	ug/Kg
87-68-3	Hexachlorobutadiene	34	U	34	55.5	220	ug/Kg
105-60-2	Caprolactam	52	U	52	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	55.5	220	ug/Kg
90-12-0	1-Methylnaphthalene	25	U	25	55.5	220	ug/Kg
91-57-6	2-Methylnaphthalene	48	U	48	55.5	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	25	U	25	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	65	U	65	55.5	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	64	U	64	55.5	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SH3	SDG No.:	BN062424
Lab Sample ID:	P2856-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032214.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	60	U	60	55.5	220	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	57	55.5	220	ug/Kg
88-74-4	2-Nitroaniline	29	U	29	55.5	220	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	55.5	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	34	U	34	55.5	220	ug/Kg
208-96-8	Acenaphthylene	60	U	60	55.5	220	ug/Kg
99-09-2	3-Nitroaniline	18	U	18	110	430	ug/Kg
83-32-9	Acenaphthene	65	U	65	55.5	220	ug/Kg
51-28-5	2,4-Dinitrophenol	42	U	42	110	430	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	110	430	ug/Kg
132-64-9	Dibenzofuran	52	U	52	55.5	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	17	U	17	55.5	220	ug/Kg
84-66-2	Diethylphthalate	54	U	54	55.5	220	ug/Kg
86-73-7	Fluorene	76	U	76	55.5	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	63	U	63	55.5	220	ug/Kg
100-01-6	4-Nitroaniline	21	U	21	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	51	U	51	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	59	U	59	55.5	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	55.5	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	55.5	220	ug/Kg
118-74-1	Hexachlorobenzene	65	U	65	55.5	220	ug/Kg
1912-24-9	Atrazine	14	U	14	110	430	ug/Kg
87-86-5	Pentachlorophenol	50	U	50	110	430	ug/Kg
85-01-8	Phenanthrene	69	U	69	55.5	220	ug/Kg
608-93-5	Pentachlorobenzene	47	U	47	55.5	220	ug/Kg
120-12-7	Anthracene	61	U	61	55.5	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.3	U	7.3	55.5	220	ug/Kg
86-74-8	Carbazole	80	U	80	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	55.5	220	ug/Kg
206-44-0	Fluoranthene	59	U	59	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SH3	SDG No.:	BN062424
Lab Sample ID:	P2856-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032214.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60	U	60	55.5	220	ug/Kg
85-68-7	Butylbenzylphthalate	56	U	56	55.5	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	33	U	33	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	51	U	51	55.5	220	ug/Kg
218-01-9	Chrysene	60	U	60	55.5	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56	U	56	55.5	220	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	63	U	63	55.5	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	76	U	76	55.5	220	ug/Kg
50-32-8	Benzo(a)pyrene	74	U	74	55.5	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	59	U	59	55.5	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	68	U	68	55.5	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	60	U	60	55.5	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	68	U	68	55.5	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.331		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	12.188		20-120		30	SPK: -40
4165-62-2	Phenol-d5	17.503		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.567		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.148		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	18.107		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	21.076		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.032		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.998		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.756		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.195		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	21.972		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.165		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	23.266		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	C0SH3	SDG No.:	BN062424
Lab Sample ID:	P2856-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032214.D	1	6/13/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161483

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.121		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	24.417		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	23.494		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.879		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	258300	7.628				
1146-65-2	Naphthalene-d8	1021235	10.405				
15067-26-2	Acenaphthene-d10	628910	14.275				
1517-22-2	Phenanthrene-d10	1283005	17.028				
1719-03-5	Chrysene-d12	1253117	21.263				
1520-96-3	Perylene-d12	1480992	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
000526-73-8	Benzene, 1,2,3-trimethyl-	100	J			7.275	
000095-13-6	Indene	130	J			8.158	
000057-10-3	n-Hexadecanoic acid	160	J			17.928	
000057-11-4	Octadecanoic acid	96	J			19.216	
959085-66-6	Heptadecyl heptafluorobutyrate	130	J			20.951	
E966796	Total Alkanes	60	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	SBLK515	SDG No.:	BN062424
Lab Sample ID:	PB161515BL	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
BN032216.D	1	6/17/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161515

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

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	SBLK515	SDG No.:	BN062424
Lab Sample ID:	PB161515BL	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
BN032216.D	1	6/17/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161515

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

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	SBLK515	SDG No.:	BN062424
Lab Sample ID:	PB161515BL	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
BN032216.D	1	6/17/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161515

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							
7291-22-7	Pyridine-d5	22.772		20-120		57	SPK: -40
17647-74-4	1,4-Dioxane-d8	5.371		15-120		67	SPK: -8
4165-62-2	Phenol-d5	24.919		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.818		25-120		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.382		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	24.26		25-125		61	SPK: -40
4165-60-0	Nitrobenzene-d5	29.493		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.619		20-130		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.283		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.634		1-146		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.499		25-130		74	SPK: -40
93951-97-4	Acenaphthylene-d8	29.384		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.426		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	30.209		25-125		76	SPK: -40

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	SBLK515	SDG No.:	BN062424
Lab Sample ID:	PB161515BL	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
BN032216.D	1	6/17/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161515

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.895		10-130		67	SPK: -40
1719-06-8	Anthracene-d10	31.882		25-130		80	SPK: -40
1718-52-1	Pyrene-d10	30.386		15-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.427		20-130		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	327744	7.628				
1146-65-2	Naphthalene-d8	1269094	10.404				
15067-26-2	Acenaphthene-d10	764728	14.275				
1517-22-2	Phenanthrene-d10	1596734	17.027				
1719-03-5	Chrysene-d12	1562776	21.262				
1520-96-3	Perylene-d12	1861895	24.18				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	SBLK672	SDG No.:	BN062424
Lab Sample ID:	PB161672BL	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
BN032217.D	1	6/24/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161672

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

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	SBLK672	SDG No.:	BN062424
Lab Sample ID:	PB161672BL	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
BN032217.D	1	6/24/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161672

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

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	SBLK672	SDG No.:	BN062424
Lab Sample ID:	PB161672BL	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
BN032217.D	1	6/24/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.879		15-120		73	SPK: -8
7291-22-7	Pyridine-d5	23.755		20-120		59	SPK: -40
4165-62-2	Phenol-d5	26.737		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.38		25-120		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.399		20-130		76	SPK: -40
190780-66-6	4-Methylphenol-d8	25.653		25-125		64	SPK: -40
4165-60-0	Nitrobenzene-d5	31.882		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.732		20-130		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.358		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.965		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.954		25-130		77	SPK: -40
93951-97-4	Acenaphthylene-d8	31.322		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.503		10-150		69	SPK: -40
81103-79-9	Fluorene-d10	31.943		25-125		80	SPK: -40

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	SBLK672	SDG No.:	BN062424
Lab Sample ID:	PB161672BL	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
BN032217.D	1	6/24/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.134		10-130		70	SPK: -40
1719-06-8	Anthracene-d10	34.007		25-130		85	SPK: -40
1718-52-1	Pyrene-d10	32.955		15-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.485		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	293724	7.628				
1146-65-2	Naphthalene-d8	1117175	10.404				
15067-26-2	Acenaphthene-d10	670793	14.275				
1517-22-2	Phenanthrene-d10	1359254	17.022				
1719-03-5	Chrysene-d12	1317000	21.257				
1520-96-3	Perylene-d12	1554706	24.168				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D56DL2	SDG No.:	BN062424
Lab Sample ID:	P2775-24DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032218.D	30	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	430	U	430	240	2400	ug/Kg
100-52-7	Benzaldehyde	1700	U	1700	2900	12000	ug/Kg
110-86-1	Pyridine	430	U	430	5900	12000	ug/Kg
108-95-2	Phenol	1600	U	1600	2900	12000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300	U	1300	2900	12000	ug/Kg
95-57-8	2-Chlorophenol	790	U	790	1500	6100	ug/Kg
95-48-7	2-Methylphenol	1400	U	1400	2900	12000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000	U	1000	2900	12000	ug/Kg
98-86-2	Acetophenone	2100	U	2100	2900	12000	ug/Kg
106-44-5	4-Methylphenol	1500	U	1500	2900	12000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1300	U	1300	1500	6100	ug/Kg
67-72-1	Hexachloroethane	570	U	570	1500	6100	ug/Kg
98-95-3	Nitrobenzene	960	U	960	1500	6100	ug/Kg
78-59-1	Isophorone	1300	U	1300	1500	6100	ug/Kg
88-75-5	2-Nitrophenol	1100	U	1100	1500	6100	ug/Kg
105-67-9	2,4-Dimethylphenol	300	U	300	1500	6100	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100	U	1100	1500	6100	ug/Kg
120-83-2	2,4-Dichlorophenol	1200	U	1200	1500	6100	ug/Kg
91-20-3	Naphthalene	6900	D	1200	1500	6100	ug/Kg
106-47-8	4-Chloroaniline	1600	U	1600	1500	12000	ug/Kg
87-68-3	Hexachlorobutadiene	930	U	930	1500	6100	ug/Kg
105-60-2	Caprolactam	1400	U	1400	2900	12000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300	U	1300	1500	6100	ug/Kg
90-12-0	1-Methylnaphthalene	2300	JD	680	1500	6100	ug/Kg
91-57-6	2-Methylnaphthalene	3500	JD	1300	1500	6100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	680	U	680	2900	12000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800	U	1800	1500	6100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800	U	1800	1500	6100	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D56DL2	SDG No.:	BN062424
Lab Sample ID:	P2775-24DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032218.D	30	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1600	U	1600	1500	6100	ug/Kg
91-58-7	2-Chloronaphthalene	1600	U	1600	1500	6100	ug/Kg
88-74-4	2-Nitroaniline	790	U	790	1500	6100	ug/Kg
131-11-3	Dimethylphthalate	1400	U	1400	1500	6100	ug/Kg
606-20-2	2,6-Dinitrotoluene	930	U	930	1500	6100	ug/Kg
208-96-8	Acenaphthylene	1600	U	1600	1500	6100	ug/Kg
99-09-2	3-Nitroaniline	500	U	500	2900	12000	ug/Kg
83-32-9	Acenaphthene	12000	D	1800	1500	6100	ug/Kg
51-28-5	2,4-Dinitrophenol	1100	U	1100	2900	12000	ug/Kg
100-02-7	4-Nitrophenol	390	U	390	2900	12000	ug/Kg
132-64-9	Dibenzofuran	8900	D	1400	1500	6100	ug/Kg
121-14-2	2,4-Dinitrotoluene	460	U	460	1500	6100	ug/Kg
84-66-2	Diethylphthalate	1500	U	1500	1500	6100	ug/Kg
86-73-7	Fluorene	13000	D	2100	1500	6100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700	U	1700	1500	6100	ug/Kg
100-01-6	4-Nitroaniline	570	U	570	2900	12000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400	U	1400	2900	12000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1600	U	1600	1500	6100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600	U	1600	1500	6100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3500	U	3500	1500	6100	ug/Kg
118-74-1	Hexachlorobenzene	1800	U	1800	1500	6100	ug/Kg
1912-24-9	Atrazine	390	U	390	2900	12000	ug/Kg
87-86-5	Pentachlorophenol	1400	U	1400	2900	12000	ug/Kg
85-01-8	Phenanthrene	76000	D	1900	1500	6100	ug/Kg
608-93-5	Pentachlorobenzene	1300	U	1300	1500	6100	ug/Kg
120-12-7	Anthracene	21000	D	1700	1500	6100	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	200	U	200	1500	6100	ug/Kg
86-74-8	Carbazole	9600	JD	2200	2900	12000	ug/Kg
84-74-2	Di-n-butylphthalate	2000	U	2000	1500	6100	ug/Kg
206-44-0	Fluoranthene	63000	D	1600	2900	6100	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D56DL2	SDG No.:	BN062424
Lab Sample ID:	P2775-24DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032218.D	30	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	44000	D	1600	1500	6100	ug/Kg
85-68-7	Butylbenzylphthalate	1500	U	1500	1500	6100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	890	U	890	2900	12000	ug/Kg
56-55-3	Benzo(a)anthracene	28000	D	1400	1500	6100	ug/Kg
218-01-9	Chrysene	25000	D	1600	1500	6100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500	U	1500	1500	6100	ug/Kg
117-84-0	Di-n-octyl phthalate	1500	U	1500	2900	12000	ug/Kg
205-99-2	Benzo(b)fluoranthene	24000	D	1700	1500	6100	ug/Kg
207-08-9	Benzo(k)fluoranthene	12000	D	2100	1500	6100	ug/Kg
50-32-8	Benzo(a)pyrene	12000	D	2000	1500	6100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	7300	D	1600	1500	6100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3400	JD	1900	1500	6100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600	U	1600	1500	6100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900	U	1900	1500	6100	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	15.66		20-120		39	SPK: -40
17647-74-4	1,4-Dioxane-d8	4.59		15-120		57	SPK: -8
4165-62-2	Phenol-d5	21.69		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.28		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.78		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	20.43		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	27.39		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.82		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.54		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.54		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.15		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	28.26		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	31.98		20-140		80	SPK: -40

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D56DL2	SDG No.:	BN062424
Lab Sample ID:	P2775-24DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
Extraction Type :		Test:	
		Level :	LOW
Injection Volume :		Decanted :	
		GPC Factor :	
		GPC Cleanup :	
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032218.D	30	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	35.58		10-150		89	SPK: -40
1718-52-1	Pyrene-d10	30.72		10-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.23		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	280342	7.628				
1146-65-2	Naphthalene-d8	1053882	10.404				
15067-26-2	Acenaphthene-d10	611824	14.275				
1517-22-2	Phenanthrene-d10	1247188	17.028				
1719-03-5	Chrysene-d12	1168517	21.257				
1520-96-3	Perylene-d12	1421248	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
000954-21-2	Nordiphenamid	2500	JD			15.487	
013029-08-8	1,1-Biphenyl, 2,2-dichloro-	2500	JD			15.534	
001689-64-1	9H-Fluoren-9-ol	3800	JD			15.622	
000229-95-8	6H-Dibenzo[b,d]-pyran	4200	JD			15.769	
002523-39-9	9H-Fluorene, 3-methyl-	3800	JD			16.328	
018086-43-6	2,2-Dimethyl-1-acenaphthenone	2600	JD			16.557	
002141-42-6	Anthracene, 1,2,3,4-tetrahydro-	4900	JD			16.775	
000132-65-0	Dibenzothiophene	4000	JD			16.845	
000230-27-3	Benzo[h]quinoline	2700	JD			17.222	
038444-85-8	1,1-Biphenyl, 2,3,4-Trichloro-	3100	JD			17.61	
002531-84-2	Phenanthrene, 2-methyl-	9800	JD			17.898	
000832-69-9	Phenanthrene, 1-methyl-	13000	JD			17.951	
000949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b	6000	JD			18.028	
000203-64-5	4H-Cyclopenta[def]phenanthrene	16000	JD			18.098	
000949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b-dihydro	5600	JD			18.128	
000612-94-2	Naphthalene, 2-phenyl-	6100	JD			18.404	
000084-65-1	9,10-Anthracenedione	2700	JD			18.451	

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D56DL2	SDG No.:	BN062424
Lab Sample ID:	P2775-24DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032218.D	30	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
003674-66-6	Phenanthrene, 2,5-dimethyl-	4800	JD			18.822	
000781-17-9	Pyrene, 4,5,9,10-tetrahydro-	3600	JD			18.892	
003674-69-9	Phenanthrene, 4,5-dimethyl-	4200	JD			18.963	
002381-21-7	Pyrene, 1-methyl-	3100	JD			19.781	
033543-31-6	Fluoranthene, 2-methyl-	4600	JD			19.951	
000243-17-4	11H-Benzo[b]fluorene	3200	JD			20.051	
	unknown-01	3200	JD			20.11	
000192-97-2	Benzo[e]pyrene	3500	JD			23.486	
	unknown-02	5600	JD			23.904	
E966796	Total Alkanes	1600	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D47DL	SDG No.:	BN062424
Lab Sample ID:	P2775-18DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032219.D	10	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	140	U	140	76.5	770	ug/Kg
100-52-7	Benzaldehyde	560	U	560	960	3800	ug/Kg
110-86-1	Pyridine	140	U	140	1900	3800	ug/Kg
108-95-2	Phenol	520	U	520	960	3800	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	410	U	410	960	3800	ug/Kg
95-57-8	2-Chlorophenol	250	U	250	490	2000	ug/Kg
95-48-7	2-Methylphenol	450	U	450	960	3800	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	340	U	340	960	3800	ug/Kg
98-86-2	Acetophenone	680	U	680	960	3800	ug/Kg
106-44-5	4-Methylphenol	480	U	480	960	3800	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	430	U	430	490	2000	ug/Kg
67-72-1	Hexachloroethane	190	U	190	490	2000	ug/Kg
98-95-3	Nitrobenzene	310	U	310	490	2000	ug/Kg
78-59-1	Isophorone	420	U	420	490	2000	ug/Kg
88-75-5	2-Nitrophenol	350	U	350	490	2000	ug/Kg
105-67-9	2,4-Dimethylphenol	98	U	98	490	2000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	360	U	360	490	2000	ug/Kg
120-83-2	2,4-Dichlorophenol	390	U	390	490	2000	ug/Kg
91-20-3	Naphthalene	600	JD	380	490	2000	ug/Kg
106-47-8	4-Chloroaniline	510	U	510	490	3800	ug/Kg
87-68-3	Hexachlorobutadiene	300	U	300	490	2000	ug/Kg
105-60-2	Caprolactam	460	U	460	960	3800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	420	U	420	490	2000	ug/Kg
90-12-0	1-Methylnaphthalene	410	JD	220	490	2000	ug/Kg
91-57-6	2-Methylnaphthalene	490	JD	430	490	2000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	220	U	220	960	3800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	580	U	580	490	2000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	570	U	570	490	2000	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D47DL	SDG No.:	BN062424
Lab Sample ID:	P2775-18DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032219.D	10	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	530	U	530	490	2000	ug/Kg
91-58-7	2-Chloronaphthalene	510	U	510	490	2000	ug/Kg
88-74-4	2-Nitroaniline	250	U	250	490	2000	ug/Kg
131-11-3	Dimethylphthalate	440	U	440	490	2000	ug/Kg
606-20-2	2,6-Dinitrotoluene	300	U	300	490	2000	ug/Kg
208-96-8	Acenaphthylene	530	U	530	490	2000	ug/Kg
99-09-2	3-Nitroaniline	160	U	160	960	3800	ug/Kg
83-32-9	Acenaphthene	2300	D	580	490	2000	ug/Kg
51-28-5	2,4-Dinitrophenol	370	U	370	960	3800	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	960	3800	ug/Kg
132-64-9	Dibenzofuran	1600	JD	460	490	2000	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	U	150	490	2000	ug/Kg
84-66-2	Diethylphthalate	480	U	480	490	2000	ug/Kg
86-73-7	Fluorene	2600	D	670	490	2000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	560	U	560	490	2000	ug/Kg
100-01-6	4-Nitroaniline	190	U	190	960	3800	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	450	U	450	960	3800	ug/Kg
86-30-6	N-Nitrosodiphenylamine	520	U	520	490	2000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	520	U	520	490	2000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100	U	1100	490	2000	ug/Kg
118-74-1	Hexachlorobenzene	580	U	580	490	2000	ug/Kg
1912-24-9	Atrazine	130	U	130	960	3800	ug/Kg
87-86-5	Pentachlorophenol	440	U	440	960	3800	ug/Kg
85-01-8	Phenanthrene	17000	D	610	490	2000	ug/Kg
608-93-5	Pentachlorobenzene	420	U	420	490	2000	ug/Kg
120-12-7	Anthracene	4600	D	540	490	2000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	65	U	65	490	2000	ug/Kg
86-74-8	Carbazole	1500	JD	710	960	3800	ug/Kg
84-74-2	Di-n-butylphthalate	660	U	660	490	2000	ug/Kg
206-44-0	Fluoranthene	14000	D	520	960	2000	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D47DL	SDG No.:	BN062424
Lab Sample ID:	P2775-18DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032219.D	10	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	10000	D	530	490	2000	ug/Kg
85-68-7	Butylbenzylphthalate	500	U	500	490	2000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	290	U	290	960	3800	ug/Kg
56-55-3	Benzo(a)anthracene	5800	D	450	490	2000	ug/Kg
218-01-9	Chrysene	5400	D	530	490	2000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	500	U	500	490	2000	ug/Kg
117-84-0	Di-n-octyl phthalate	500	U	500	960	3800	ug/Kg
205-99-2	Benzo(b)fluoranthene	5500	D	560	490	2000	ug/Kg
207-08-9	Benzo(k)fluoranthene	1900	JD	670	490	2000	ug/Kg
50-32-8	Benzo(a)pyrene	2500	D	660	490	2000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500	JD	520	490	2000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	720	JD	600	490	2000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	530	U	530	490	2000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	600	U	600	490	2000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.43		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	3.4	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	21.65		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.25		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.27		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	20.67		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	24.19		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.5		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.68		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.59		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.1		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	26.04		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.14		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	30.02		20-140		75	SPK: -40

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D47DL	SDG No.:	BN062424
Lab Sample ID:	P2775-18DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032219.D	10	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	30.78		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	26.37		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.57		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	286338	7.628				
1146-65-2	Naphthalene-d8	1122944	10.405				
15067-26-2	Acenaphthene-d10	688809	14.269				
1517-22-2	Phenanthrene-d10	1438134	17.028				
1719-03-5	Chrysene-d12	1413233	21.263				
1520-96-3	Perylene-d12	1678376	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	780	JD			15.769	
000132-65-0	Dibenzothiophene	800	JD			16.845	
002531-84-2	Phenanthrene, 2-methyl-	1800	JD			17.898	
000832-69-9	Phenanthrene, 1-methyl-	2300	JD			17.945	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	980	JD			18.028	
000203-64-5	4H-Cyclopenta[def]phenanthrene	3200	JD			18.092	
000613-12-7	Anthracene, 2-methyl-	1100	JD			18.134	
000612-94-2	Naphthalene, 2-phenyl-	1200	JD			18.404	
003674-66-6	Phenanthrene, 2,5-dimethyl-	920	JD			18.822	
033543-31-6	Fluoranthene, 2-methyl-	1200	JD			19.951	
000243-17-4	11H-Benzo[b]fluorene	1100	JD			20.057	
002381-21-7	Pyrene, 1-methyl-	800	JD			20.11	
E966796	Total Alkanes	530	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D48DL	SDG No.:	BN062424
Lab Sample ID:	P2775-19DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032220.D	5	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	73	U	73	40.1	410	ug/Kg
100-52-7	Benzaldehyde	290	U	290	500	2000	ug/Kg
110-86-1	Pyridine	73	U	73	1000	2000	ug/Kg
108-95-2	Phenol	270	U	270	500	2000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	210	U	210	500	2000	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	260	1000	ug/Kg
95-48-7	2-Methylphenol	240	U	240	500	2000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	180	U	180	500	2000	ug/Kg
98-86-2	Acetophenone	360	U	360	500	2000	ug/Kg
106-44-5	4-Methylphenol	250	U	250	500	2000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	220	U	220	260	1000	ug/Kg
67-72-1	Hexachloroethane	97	U	97	260	1000	ug/Kg
98-95-3	Nitrobenzene	160	U	160	260	1000	ug/Kg
78-59-1	Isophorone	220	U	220	260	1000	ug/Kg
88-75-5	2-Nitrophenol	180	U	180	260	1000	ug/Kg
105-67-9	2,4-Dimethylphenol	52	U	52	260	1000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	190	U	190	260	1000	ug/Kg
120-83-2	2,4-Dichlorophenol	210	U	210	260	1000	ug/Kg
91-20-3	Naphthalene	350	JD	200	260	1000	ug/Kg
106-47-8	4-Chloroaniline	270	U	270	260	2000	ug/Kg
87-68-3	Hexachlorobutadiene	160	U	160	260	1000	ug/Kg
105-60-2	Caprolactam	240	U	240	500	2000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	220	U	220	260	1000	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	260	1000	ug/Kg
91-57-6	2-Methylnaphthalene	220	U	220	260	1000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	500	2000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	300	U	300	260	1000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	300	U	300	260	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D48DL	SDG No.:	BN062424
Lab Sample ID:	P2775-19DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032220.D	5	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	280	U	280	260	1000	ug/Kg
91-58-7	2-Chloronaphthalene	270	U	270	260	1000	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	260	1000	ug/Kg
131-11-3	Dimethylphthalate	230	U	230	260	1000	ug/Kg
606-20-2	2,6-Dinitrotoluene	160	U	160	260	1000	ug/Kg
208-96-8	Acenaphthylene	280	U	280	260	1000	ug/Kg
99-09-2	3-Nitroaniline	85	U	85	500	2000	ug/Kg
83-32-9	Acenaphthene	880	JD	300	260	1000	ug/Kg
51-28-5	2,4-Dinitrophenol	190	U	190	500	2000	ug/Kg
100-02-7	4-Nitrophenol	67	U	67	500	2000	ug/Kg
132-64-9	Dibenzofuran	710	JD	240	260	1000	ug/Kg
121-14-2	2,4-Dinitrotoluene	79	U	79	260	1000	ug/Kg
84-66-2	Diethylphthalate	250	U	250	260	1000	ug/Kg
86-73-7	Fluorene	1000	D	350	260	1000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	290	U	290	260	1000	ug/Kg
100-01-6	4-Nitroaniline	97	U	97	500	2000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	240	U	240	500	2000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	270	U	270	260	1000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	270	U	270	260	1000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	600	U	600	260	1000	ug/Kg
118-74-1	Hexachlorobenzene	300	U	300	260	1000	ug/Kg
1912-24-9	Atrazine	67	U	67	500	2000	ug/Kg
87-86-5	Pentachlorophenol	230	U	230	500	2000	ug/Kg
85-01-8	Phenanthrene	8800	D	320	260	1000	ug/Kg
608-93-5	Pentachlorobenzene	220	U	220	260	1000	ug/Kg
120-12-7	Anthracene	2500	D	290	260	1000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	34	U	34	260	1000	ug/Kg
86-74-8	Carbazole	1100	JD	370	500	2000	ug/Kg
84-74-2	Di-n-butylphthalate	350	U	350	260	1000	ug/Kg
206-44-0	Fluoranthene	8700	D	270	500	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D48DL	SDG No.:	BN062424
Lab Sample ID:	P2775-19DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032220.D	5	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	6300	D	280	260	1000	ug/Kg
85-68-7	Butylbenzylphthalate	260	U	260	260	1000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	150	U	150	500	2000	ug/Kg
56-55-3	Benzo(a)anthracene	3900	D	240	260	1000	ug/Kg
218-01-9	Chrysene	3900	D	280	260	1000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	260	U	260	260	1000	ug/Kg
117-84-0	Di-n-octyl phthalate	260	U	260	500	2000	ug/Kg
205-99-2	Benzo(b)fluoranthene	3900	D	290	260	1000	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200	D	350	260	1000	ug/Kg
50-32-8	Benzo(a)pyrene	1800	D	350	260	1000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100	D	270	260	1000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	510	JD	320	260	1000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	280	U	280	260	1000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	320	U	320	260	1000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.71		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	3.525	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	23.065		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.205		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.935		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	22.215		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	25.045		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.345		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.4		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.785		1-145		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.77		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	26.735		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.41		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	29.15		20-140		73	SPK: -40

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D48DL	SDG No.:	BN062424
Lab Sample ID:	P2775-19DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032220.D	5	6/11/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.8		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	31.615		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	29.165		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.365		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	280573	7.628				
1146-65-2	Naphthalene-d8	1121075	10.404				
15067-26-2	Acenaphthene-d10	708467	14.275				
1517-22-2	Phenanthrene-d10	1479723	17.027				
1719-03-5	Chrysene-d12	1392236	21.262				
1520-96-3	Perylene-d12	1646891	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
000233-02-3	Naphtho[2,1-b]thiophene	540	JD			16.845	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	490	JD			17.627	
002531-84-2	Phenanthrene, 2-methyl-	1000	JD			17.898	
000832-69-9	Phenanthrene, 1-methyl-	1300	JD			17.945	
000613-12-7	Anthracene, 2-methyl-	540	JD			18.027	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1800	JD			18.098	
000949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b	680	JD			18.127	
000612-94-2	Naphthalene, 2-phenyl-	730	JD			18.404	
003674-66-6	Phenanthrene, 2,5-dimethyl-	430	JD			18.821	
000483-87-4	Phenanthrene, 1,7-dimethyl-	460	JD			18.963	
000238-84-6	11H-Benzo[a]fluorene	640	JD			19.951	
033543-31-6	Fluoranthene, 2-methyl-	510	JD			20.057	
002381-21-7	Pyrene, 1-methyl-	490	JD			20.11	
000192-97-2	Benzo[e]pyrene	560	JD			23.486	
	unknown-01	460	JD			23.904	
E966796	Total Alkanes	280	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D58DL	SDG No.:	BN062424
Lab Sample ID:	P2775-21DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032221.D	5	6/11/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	73	U	73	40.2	410	ug/Kg
100-52-7	Benzaldehyde	290	U	290	500	2000	ug/Kg
110-86-1	Pyridine	73	U	73	1000	2000	ug/Kg
108-95-2	Phenol	270	U	270	500	2000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	210	U	210	500	2000	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	260	1000	ug/Kg
95-48-7	2-Methylphenol	240	U	240	500	2000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	180	U	180	500	2000	ug/Kg
98-86-2	Acetophenone	360	U	360	500	2000	ug/Kg
106-44-5	4-Methylphenol	250	U	250	500	2000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	230	U	230	260	1000	ug/Kg
67-72-1	Hexachloroethane	97	U	97	260	1000	ug/Kg
98-95-3	Nitrobenzene	160	U	160	260	1000	ug/Kg
78-59-1	Isophorone	220	U	220	260	1000	ug/Kg
88-75-5	2-Nitrophenol	180	U	180	260	1000	ug/Kg
105-67-9	2,4-Dimethylphenol	52	U	52	260	1000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	190	U	190	260	1000	ug/Kg
120-83-2	2,4-Dichlorophenol	210	U	210	260	1000	ug/Kg
91-20-3	Naphthalene	200	U	200	260	1000	ug/Kg
106-47-8	4-Chloroaniline	270	U	270	260	2000	ug/Kg
87-68-3	Hexachlorobutadiene	160	U	160	260	1000	ug/Kg
105-60-2	Caprolactam	240	U	240	500	2000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	220	U	220	260	1000	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	260	1000	ug/Kg
91-57-6	2-Methylnaphthalene	230	U	230	260	1000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	500	2000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	300	U	300	260	1000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	300	U	300	260	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D58DL	SDG No.:	BN062424
Lab Sample ID:	P2775-21DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032221.D	5	6/11/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	280	U	280	260	1000	ug/Kg
91-58-7	2-Chloronaphthalene	270	U	270	260	1000	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	260	1000	ug/Kg
131-11-3	Dimethylphthalate	230	U	230	260	1000	ug/Kg
606-20-2	2,6-Dinitrotoluene	160	U	160	260	1000	ug/Kg
208-96-8	Acenaphthylene	280	U	280	260	1000	ug/Kg
99-09-2	3-Nitroaniline	85	U	85	500	2000	ug/Kg
83-32-9	Acenaphthene	540	JD	300	260	1000	ug/Kg
51-28-5	2,4-Dinitrophenol	190	U	190	500	2000	ug/Kg
100-02-7	4-Nitrophenol	67	U	67	500	2000	ug/Kg
132-64-9	Dibenzofuran	450	JD	240	260	1000	ug/Kg
121-14-2	2,4-Dinitrotoluene	79	U	79	260	1000	ug/Kg
84-66-2	Diethylphthalate	250	U	250	260	1000	ug/Kg
86-73-7	Fluorene	670	JD	350	260	1000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	290	U	290	260	1000	ug/Kg
100-01-6	4-Nitroaniline	97	U	97	500	2000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	240	U	240	500	2000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	270	U	270	260	1000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	270	U	270	260	1000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	600	U	600	260	1000	ug/Kg
118-74-1	Hexachlorobenzene	300	U	300	260	1000	ug/Kg
1912-24-9	Atrazine	67	U	67	500	2000	ug/Kg
87-86-5	Pentachlorophenol	230	U	230	500	2000	ug/Kg
85-01-8	Phenanthrene	6800	D	320	260	1000	ug/Kg
608-93-5	Pentachlorobenzene	220	U	220	260	1000	ug/Kg
120-12-7	Anthracene	1900	D	290	260	1000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	34	U	34	260	1000	ug/Kg
86-74-8	Carbazole	590	JD	370	500	2000	ug/Kg
84-74-2	Di-n-butylphthalate	350	U	350	260	1000	ug/Kg
206-44-0	Fluoranthene	8100	D	270	500	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D58DL	SDG No.:	BN062424
Lab Sample ID:	P2775-21DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032221.D	5	6/11/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	5800	D	280	260	1000	ug/Kg
85-68-7	Butylbenzylphthalate	260	U	260	260	1000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	150	U	150	500	2000	ug/Kg
56-55-3	Benzo(a)anthracene	3700	D	240	260	1000	ug/Kg
218-01-9	Chrysene	3500	D	280	260	1000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	260	U	260	260	1000	ug/Kg
117-84-0	Di-n-octyl phthalate	260	U	260	500	2000	ug/Kg
205-99-2	Benzo(b)fluoranthene	3400	D	290	260	1000	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400	D	350	260	1000	ug/Kg
50-32-8	Benzo(a)pyrene	1700	D	350	260	1000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100	D	270	260	1000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	460	JD	320	260	1000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	280	U	280	260	1000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	320	U	320	260	1000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.08		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	2.97	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	19.58		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.695		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.84		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	18.66		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	22.61		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.875		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.785		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.305		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.055		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	24.95		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.35		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	27.925		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	A4D58DL	SDG No.:	BN062424
Lab Sample ID:	P2775-21DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032221.D	5	6/11/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.18		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	28.085		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	25.475		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.17		10-140		45	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	273742	7.628				
1146-65-2	Naphthalene-d8	1030221	10.405				
15067-26-2	Acenaphthene-d10	614901	14.275				
1517-22-2	Phenanthrene-d10	1286328	17.028				
1719-03-5	Chrysene-d12	1199022	21.257				
1520-96-3	Perylene-d12	1462476	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	470	JD			17.628	
002531-84-2	Phenanthrene, 2-methyl-	740	JD			17.898	
000613-12-7	Anthracene, 2-methyl-	940	JD			17.945	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1400	JD			18.092	
000832-69-9	Phenanthrene, 1-methyl-	510	JD			18.134	
000612-94-2	Naphthalene, 2-phenyl-	570	JD			18.404	
041464-49-7	1,1-Biphenyl, 2,3,3,5-tetrachlo	440	JD			18.963	
033543-31-6	Fluoranthene, 2-methyl-	530	JD			19.951	
E966796	Total Alkanes	280	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	A4D82	SDG No.:	BN062424
Lab Sample ID:	P2844-17	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
BN032222.D	1	6/17/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161515

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

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	A4D82	SDG No.:	BN062424
Lab Sample ID:	P2844-17	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
BN032222.D	1	6/17/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161515

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

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	A4D82	SDG No.:	BN062424
Lab Sample ID:	P2844-17	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
BN032222.D	1	6/17/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161515

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							
7291-22-7	Pyridine-d5	7.401	*	20-120		19	SPK: -40
17647-74-4	1,4-Dioxane-d8	4.564		15-120		57	SPK: -8
4165-62-2	Phenol-d5	5.539		10-130		14	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.608		25-120		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.945		20-130		60	SPK: -40
190780-66-6	4-Methylphenol-d8	12.732		25-125		32	SPK: -40
4165-60-0	Nitrobenzene-d5	35.193		20-125		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.394		20-130		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.014		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.27		1-146		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.934		25-130		87	SPK: -40
93951-97-4	Acenaphthylene-d8	35.294		10-130		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.715		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	35.815		25-125		90	SPK: -40

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	A4D82	SDG No.:	BN062424
Lab Sample ID:	P2844-17	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
BN032222.D	1	6/17/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161515

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.169		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	39.979		25-130		100	SPK: -40
1718-52-1	Pyrene-d10	38.244		15-130		96	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.882		20-130		97	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	292062	7.628				
1146-65-2	Naphthalene-d8	1114510	10.404				
15067-26-2	Acenaphthene-d10	657849	14.275				
1517-22-2	Phenanthrene-d10	1326810	17.022				
1719-03-5	Chrysene-d12	1268397	21.257				
1520-96-3	Perylene-d12	1519391	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
000140-11-4	Acetic acid, phenylmethyl ester	2.5	J			9.887	
000621-59-0	Benzaldehyde, 3-hydroxy-4-methoxy-	2.5	J			13.204	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	26	J			17.692	
000112-84-5	13-Docosenamide, (Z)-	2.7	J			22.604	
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	C0S32	SDG No.:	BN062424
Lab Sample ID:	P2873-01	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
BN032223.D	1	6/17/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161515

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

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	C0S32	SDG No.:	BN062424
Lab Sample ID:	P2873-01	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
BN032223.D	1	6/17/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161515

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

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	C0S32	SDG No.:	BN062424
Lab Sample ID:	P2873-01	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
BN032223.D	1	6/17/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161515

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	4.698		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	6.601	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	6.946		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.777		25-120		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.084		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	15.993		25-125		40	SPK: -40
4165-60-0	Nitrobenzene-d5	38.292		20-125		96	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.781		20-130		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.293		20-120		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.483		1-146		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	38		25-130		95	SPK: -40
93951-97-4	Acenaphthylene-d8	37.828		10-130		95	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.471		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	38.502		25-125		96	SPK: -40

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	C0S32	SDG No.:	BN062424
Lab Sample ID:	P2873-01	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
BN032223.D	1	6/17/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161515

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.942		10-130		25	SPK: -40
1719-06-8	Anthracene-d10	43.27		25-130		108	SPK: -40
1718-52-1	Pyrene-d10	39.922		15-130		100	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.473		20-130		106	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	311710	7.628				
1146-65-2	Naphthalene-d8	1179997	10.404				
15067-26-2	Acenaphthene-d10	705860	14.269				
1517-22-2	Phenanthrene-d10	1423829	17.022				
1719-03-5	Chrysene-d12	1384291	21.257				
1520-96-3	Perylene-d12	1629405	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	2.3	J			7.687	
	unknown-01	3.2	J			12.616	
000077-68-9	Propanoic acid, 2-methyl-, 3-hydro	6.6	J			12.869	
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	C0SK6	SDG No.:	BN062424
Lab Sample ID:	P2873-18	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
BN032224.D	1	6/17/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161515

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

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	C0SK6	SDG No.:	BN062424
Lab Sample ID:	P2873-18	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
BN032224.D	1	6/17/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161515

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

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	C0SK6	SDG No.:	BN062424
Lab Sample ID:	P2873-18	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
BN032224.D	1	6/17/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161515

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	3.642		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	3.651	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	5.453		10-130		14	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.061		25-120		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.841		20-130		60	SPK: -40
190780-66-6	4-Methylphenol-d8	12.799		25-125		32	SPK: -40
4165-60-0	Nitrobenzene-d5	33.247		20-125		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.39		20-130		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.402		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.902		1-146		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.829		25-130		87	SPK: -40
93951-97-4	Acenaphthylene-d8	34.533		10-130		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.68		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	35.551		25-125		89	SPK: -40

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	C0SK6	SDG No.:	BN062424
Lab Sample ID:	P2873-18	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
BN032224.D	1	6/17/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161515

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.302		10-130		86	SPK: -40
1719-06-8	Anthracene-d10	41.047		25-130		103	SPK: -40
1718-52-1	Pyrene-d10	38.728		15-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.306		20-130		101	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	314972	7.628				
1146-65-2	Naphthalene-d8	1188640	10.405				
15067-26-2	Acenaphthene-d10	677396	14.269				
1517-22-2	Phenanthrene-d10	1395524	17.022				
1719-03-5	Chrysene-d12	1344076	21.257				
1520-96-3	Perylene-d12	1567486	24.169				
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	2.4	J			7.687	
006846-50-0	2,2,4-Trimethyl-1,3-pentanediol di	3.1	J			12.616	
074367-31-0	Propanoic acid, 2-methyl-, 2-ethyl	6	J			12.869	
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1GE1	SDG No.:	BN062424
Lab Sample ID:	P2961-16	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
BN032225.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161672

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

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1GE1	SDG No.:	BN062424
Lab Sample ID:	P2961-16	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
BN032225.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161672

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

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1GE1	SDG No.:	BN062424
Lab Sample ID:	P2961-16	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
BN032225.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161672

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	4.289		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	3.642	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	10.742		10-130		27	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.134		25-120		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.684		20-130		87	SPK: -40
190780-66-6	4-Methylphenol-d8	22.683		25-125		57	SPK: -40
4165-60-0	Nitrobenzene-d5	39.67		20-125		99	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.897		20-130		102	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.368		20-120		91	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.261		1-146		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.293		25-130		96	SPK: -40
93951-97-4	Acenaphthylene-d8	36.757		10-130		92	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.893		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	38.095		25-125		95	SPK: -40

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1GE1	SDG No.:	BN062424
Lab Sample ID:	P2961-16	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
BN032225.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.269		10-130		93	SPK: -40
1719-06-8	Anthracene-d10	41.984		25-130		105	SPK: -40
1718-52-1	Pyrene-d10	41.684		15-130		104	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.063		20-130		105	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	320305	7.628				
1146-65-2	Naphthalene-d8	1236560	10.405				
15067-26-2	Acenaphthene-d10	751078	14.269				
1517-22-2	Phenanthrene-d10	1519142	17.022				
1719-03-5	Chrysene-d12	1426886	21.257				
1520-96-3	Perylene-d12	1702471	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	6.7	J			7.687	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	4.4	J			17.692	
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1G72	SDG No.:	BN062424
Lab Sample ID:	P2961-17	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
BN032226.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161672

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

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1G72	SDG No.:	BN062424
Lab Sample ID:	P2961-17	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
BN032226.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161672

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

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1G72	SDG No.:	BN062424
Lab Sample ID:	P2961-17	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
BN032226.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.087		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	4.679	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	9.795		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.116		25-120		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.987		20-130		92	SPK: -40
190780-66-6	4-Methylphenol-d8	22.29		25-125		56	SPK: -40
4165-60-0	Nitrobenzene-d5	43.36		20-125		108	SPK: -40
93951-78-1	2-Nitrophenol-d4	44.98		20-130		112	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	39.929		20-120		100	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.334		1-146		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	40.399		25-130		101	SPK: -40
93951-97-4	Acenaphthylene-d8	40.914		10-130		102	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.369		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	40.383		25-125		101	SPK: -40

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1G72	SDG No.:	BN062424
Lab Sample ID:	P2961-17	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
BN032226.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	42.011		10-130		105	SPK: -40
1719-06-8	Anthracene-d10	43.88		25-130		110	SPK: -40
1718-52-1	Pyrene-d10	42.242		15-130		106	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.757		20-130		109	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	329381	7.628				
1146-65-2	Naphthalene-d8	1297670	10.404				
15067-26-2	Acenaphthene-d10	801586	14.269				
1517-22-2	Phenanthrene-d10	1645309	17.021				
1719-03-5	Chrysene-d12	1550786	21.256				
1520-96-3	Perylene-d12	1843847	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1G73	SDG No.:	BN062424
Lab Sample ID:	P2961-18	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
BN032227.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161672

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

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1G73	SDG No.:	BN062424
Lab Sample ID:	P2961-18	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
BN032227.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161672

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

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1G73	SDG No.:	BN062424
Lab Sample ID:	P2961-18	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
BN032227.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161672

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	4.222		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	1.741	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	7.69		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.807		25-120		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.328		20-130		76	SPK: -40
190780-66-6	4-Methylphenol-d8	17.671		25-125		44	SPK: -40
4165-60-0	Nitrobenzene-d5	36.226		20-125		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.059		20-130		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.79		20-120		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.923		1-146		25	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.126		25-130		88	SPK: -40
93951-97-4	Acenaphthylene-d8	35.618		10-130		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.685		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	35.902		25-125		90	SPK: -40

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1G73	SDG No.:	BN062424
Lab Sample ID:	P2961-18	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
BN032227.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.964		10-130		87	SPK: -40
1719-06-8	Anthracene-d10	39.751		25-130		99	SPK: -40
1718-52-1	Pyrene-d10	39.509		15-130		99	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.454		20-130		99	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	334486	7.628				
1146-65-2	Naphthalene-d8	1262291	10.404				
15067-26-2	Acenaphthene-d10	743812	14.269				
1517-22-2	Phenanthrene-d10	1517633	17.022				
1719-03-5	Chrysene-d12	1408789	21.257				
1520-96-3	Perylene-d12	1695207	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	2.7	J			11.157	
000057-10-3	n-Hexadecanoic acid	3.7	J			17.922	
015594-90-8	1-Heneicosanol	2.8	J			20.945	
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E08C4	SDG No.:	BN062424
Lab Sample ID:	P3037-01	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
BN032228.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161672

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	4.5	J	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	2	J	0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E08C4	SDG No.:	BN062424
Lab Sample ID:	P3037-01	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
BN032228.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161672

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

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E08C4	SDG No.:	BN062424
Lab Sample ID:	P3037-01	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
BN032228.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161672

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	3.771		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	5.075	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	6.457		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.38		25-120		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.748		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	15.301		25-125		38	SPK: -40
4165-60-0	Nitrobenzene-d5	28.525		20-125		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.698		20-130		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.364		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.361		1-146		11	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.999		25-130		77	SPK: -40
93951-97-4	Acenaphthylene-d8	29.193		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.048		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	30.725		25-125		77	SPK: -40

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E08C4	SDG No.:	BN062424
Lab Sample ID:	P3037-01	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
BN032228.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.95		10-130		80	SPK: -40
1719-06-8	Anthracene-d10	34.492		25-130		86	SPK: -40
1718-52-1	Pyrene-d10	32.782		15-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.775		20-130		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	329430	7.628				
1146-65-2	Naphthalene-d8	1275064	10.405				
15067-26-2	Acenaphthene-d10	784271	14.269				
1517-22-2	Phenanthrene-d10	1581753	17.022				
1719-03-5	Chrysene-d12	1526420	21.257				
1520-96-3	Perylene-d12	1782887	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-38-3	Benzene, 1,3-dimethyl-	21	J			5.293	
000496-11-7	Indane	7.9	J			7.987	
000124-07-2	Octanoic acid	3.1	J			9.757	
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	3.8	J			9.805	
000095-16-9	Benzothiazole	2.1	J			11.063	
000112-05-0	Nonanoic acid	9.2	J			11.24	
	(DEL) Alkane: Straight-Chain11.416	3.2	J			11.416	
	(DEL) Alkane: Straight-Chain12.793	2.8	J			12.793	
002604-45-7	2,3,5,6-Tetramethylbenzoic acid	5.3	J			14.934	
000057-10-3	n-Hexadecanoic acid	3.7	J			17.922	
000106-14-9	12-Hydroxystearic acid	3.9	J			20.304	
E966796	Total Alkanes	6				99	ug/L

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	SLCS672	SDG No.:	BN062424
Lab Sample ID:	PB161672BS	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
BN032229.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.8		0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	28		1.4	5	10	ug/L
110-86-1	Pyridine	25		0.85	10	10	ug/L
108-95-2	Phenol	27		1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	26		1.5	5	10	ug/L
95-57-8	2-Chlorophenol	30		1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	26		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	24		1.4	5	10	ug/L
98-86-2	Acetophenone	26		2.1	5	10	ug/L
106-44-5	4-Methylphenol	26		1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	23		1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	30		0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	29		1.3	2.5	5	ug/L
78-59-1	Isophorone	26		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	34		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	26		0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	27		1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	33		1.4	2.5	5	ug/L
91-20-3	Naphthalene	31		1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	26		1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	35		1.1	2.5	5	ug/L
105-60-2	Caprolactam	26		1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	29		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	30		0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	30		1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	21		1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	32		1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	32		1.7	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	SLCS672	SDG No.:	BN062424
Lab Sample ID:	PB161672BS	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
BN032229.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32		1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	32		1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	28		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	31		1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	32		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	31		1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	33		0.86	5	10	ug/L
83-32-9	Acenaphthene	31		1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	33		1.9	5	10	ug/L
100-02-7	4-Nitrophenol	30		1.5	5	10	ug/L
132-64-9	Dibenzofuran	32		1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	32		0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	30		1.5	2.5	5	ug/L
86-73-7	Fluorene	31		2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	31		1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	37		0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	36		1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	33		1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	35		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	34		2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	34		1.9	2.5	5	ug/L
1912-24-9	Atrazine	13		1.2	5	10	ug/L
87-86-5	Pentachlorophenol	28		1.7	5	10	ug/L
85-01-8	Phenanthrene	32		1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	35		1.3	2.5	5	ug/L
120-12-7	Anthracene	31		1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	35		0.75	2.5	5	ug/L
86-74-8	Carbazole	35		2	5	10	ug/L
84-74-2	Di-n-butylphthalate	31		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	33		1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	SLCS672	SDG No.:	BN062424
Lab Sample ID:	PB161672BS	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
BN032229.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	34		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	31		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	34		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	32		1.5	2.5	5	ug/L
218-01-9	Chrysene	33		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	31		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	31		2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	29		2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	34		1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	34		2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	34		1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	30		1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.528		15-120		82	SPK: -8
7291-22-7	Pyridine-d5	23.971		20-120		60	SPK: -40
4165-62-2	Phenol-d5	26.738		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.585		25-120		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.166		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	26.193		25-125		65	SPK: -40
4165-60-0	Nitrobenzene-d5	32.297		20-125		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.941		20-130		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.114		20-120		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.806		1-146		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.864		25-130		77	SPK: -40
93951-97-4	Acenaphthylene-d8	31.964		10-130		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.192		10-150		73	SPK: -40
81103-79-9	Fluorene-d10	31.293		25-125		78	SPK: -40

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	SLCS672	SDG No.:	BN062424
Lab Sample ID:	PB161672BS	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
BN032229.D	1	6/24/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.08		10-130		88	SPK: -40
1719-06-8	Anthracene-d10	32.038		25-130		80	SPK: -40
1718-52-1	Pyrene-d10	33.254		15-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.321		20-130		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	314768	7.628				
1146-65-2	Naphthalene-d8	1211655	10.404				
15067-26-2	Acenaphthene-d10	729670	14.269				
1517-22-2	Phenanthrene-d10	1453567	17.022				
1719-03-5	Chrysene-d12	1289600	21.263				
1520-96-3	Perylene-d12	1549737	24.168				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	SLCS515	SDG No.:	BN062424
Lab Sample ID:	PB161515BS	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
BN032230.D	1	6/17/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161515

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	10		0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	29		1.4	5	10	ug/L
110-86-1	Pyridine	25		0.85	10	10	ug/L
108-95-2	Phenol	27		1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	26		1.5	5	10	ug/L
95-57-8	2-Chlorophenol	30		1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	26		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	24		1.4	5	10	ug/L
98-86-2	Acetophenone	27		2.1	5	10	ug/L
106-44-5	4-Methylphenol	26		1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	23		1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	30		0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	29		1.3	2.5	5	ug/L
78-59-1	Isophorone	25		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	34		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	25		0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	27		1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	32		1.4	2.5	5	ug/L
91-20-3	Naphthalene	31		1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	26		1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	35		1.1	2.5	5	ug/L
105-60-2	Caprolactam	27		1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	28		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	30		0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	30		1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	20		1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	33		1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	33		1.7	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	SLCS515	SDG No.:	BN062424
Lab Sample ID:	PB161515BS	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
BN032230.D	1	6/17/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161515

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33		1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	33		1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	29		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	31		1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	34		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	32		1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	34		0.86	5	10	ug/L
83-32-9	Acenaphthene	32		1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	34		1.9	5	10	ug/L
100-02-7	4-Nitrophenol	31		1.5	5	10	ug/L
132-64-9	Dibenzofuran	33		1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	33		0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	31		1.5	2.5	5	ug/L
86-73-7	Fluorene	32		2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	33		1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	39		0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	36		1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	33		1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	36		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	33		2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	34		1.9	2.5	5	ug/L
1912-24-9	Atrazine	13		1.2	5	10	ug/L
87-86-5	Pentachlorophenol	28		1.7	5	10	ug/L
85-01-8	Phenanthrene	32		1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	35		1.3	2.5	5	ug/L
120-12-7	Anthracene	31		1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	35		0.75	2.5	5	ug/L
86-74-8	Carbazole	35		2	5	10	ug/L
84-74-2	Di-n-butylphthalate	32		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	33		1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	SLCS515	SDG No.:	BN062424
Lab Sample ID:	PB161515BS	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
BN032230.D	1	6/17/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161515

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	34		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	32		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	35		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	33		1.5	2.5	5	ug/L
218-01-9	Chrysene	33		1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	31		1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	31		1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	31		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	33		2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	30		2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	36		1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	36		2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	35		1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	31		1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.559		15-120		82	SPK: -8
7291-22-7	Pyridine-d5	23.782		20-120		59	SPK: -40
4165-62-2	Phenol-d5	26.834		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.829		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.339		20-130		76	SPK: -40
190780-66-6	4-Methylphenol-d8	25.935		25-125		65	SPK: -40
4165-60-0	Nitrobenzene-d5	32.972		20-125		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.278		20-130		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.355		20-120		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.002		1-146		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.249		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	32.873		10-130		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.471		10-150		76	SPK: -40
81103-79-9	Fluorene-d10	32.619		25-125		82	SPK: -40

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	SLCS515	SDG No.:	BN062424
Lab Sample ID:	PB161515BS	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
BN032230.D	1	6/17/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161515

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.712		10-130		89	SPK: -40
1719-06-8	Anthracene-d10	32.022		25-130		80	SPK: -40
1718-52-1	Pyrene-d10	33.405		15-130		84	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.358		20-130		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	297098	7.628				
1146-65-2	Naphthalene-d8	1137943	10.405				
15067-26-2	Acenaphthene-d10	671628	14.269				
1517-22-2	Phenanthrene-d10	1376251	17.022				
1719-03-5	Chrysene-d12	1231220	21.263				
1520-96-3	Perylene-d12	1469099	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	SBLK513	SDG No.:	BN062424
Lab Sample ID:	PB161513BL	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
BN032232.D	1	6/14/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161513

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

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	SBLK513	SDG No.:	BN062424
Lab Sample ID:	PB161513BL	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
BN032232.D	1	6/14/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161513

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

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	SBLK513	SDG No.:	BN062424
Lab Sample ID:	PB161513BL	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
BN032232.D	1	6/14/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161513

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	5.601		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	25.879		20-120		65	SPK: -40
4165-62-2	Phenol-d5	26.842		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.833		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.714		15-120		77	SPK: -40
190780-66-6	4-Methylphenol-d8	26.029		10-140		65	SPK: -40
4165-60-0	Nitrobenzene-d5	31.613		10-135		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.311		10-120		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.609		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.829		1-145		75	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.717		10-145		79	SPK: -40
93951-97-4	Acenaphthylene-d8	32.325		15-120		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.641		10-150		69	SPK: -40
81103-79-9	Fluorene-d10	32.523		20-140		81	SPK: -40

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	SBLK513	SDG No.:	BN062424
Lab Sample ID:	PB161513BL	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
BN032232.D	1	6/14/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.415		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	34.8		10-150		87	SPK: -40
1718-52-1	Pyrene-d10	32.807		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.568		10-140		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	277397	7.628				
1146-65-2	Naphthalene-d8	1061757	10.404				
15067-26-2	Acenaphthene-d10	616042	14.269				
1517-22-2	Phenanthrene-d10	1257982	17.022				
1719-03-5	Chrysene-d12	1211265	21.257				
1520-96-3	Perylene-d12	1400646	24.168				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	A4C64	SDG No.:	BN062424
Lab Sample ID:	P2844-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032233.D	1	6/14/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.5	86	ug/Kg
110-86-1	Pyridine	16	U	16	210	430	ug/Kg
100-52-7	Benzaldehyde	62	U	62	110	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	28	U	28	54.9	220	ug/Kg
95-48-7	2-Methylphenol	50	U	50	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37	U	37	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	54.9	220	ug/Kg
67-72-1	Hexachloroethane	21	U	21	54.9	220	ug/Kg
98-95-3	Nitrobenzene	35	U	35	54.9	220	ug/Kg
78-59-1	Isophorone	47	U	47	54.9	220	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	54.9	220	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	54.9	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	40	U	40	54.9	220	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	54.9	220	ug/Kg
91-20-3	Naphthalene	43	U	43	54.9	220	ug/Kg
106-47-8	4-Chloroaniline	57	U	57	54.9	430	ug/Kg
87-68-3	Hexachlorobutadiene	34	U	34	54.9	220	ug/Kg
105-60-2	Caprolactam	52	U	52	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	54.9	220	ug/Kg
90-12-0	1-Methylnaphthalene	25	U	25	54.9	220	ug/Kg
91-57-6	2-Methylnaphthalene	48	U	48	54.9	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	25	U	25	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	65	U	65	54.9	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	63	U	63	54.9	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	A4C64	SDG No.:	BN062424
Lab Sample ID:	P2844-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032233.D	1	6/14/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	59	U	59	54.9	220	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	57	54.9	220	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	54.9	220	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	54.9	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	34	U	34	54.9	220	ug/Kg
208-96-8	Acenaphthylene	59	U	59	54.9	220	ug/Kg
99-09-2	3-Nitroaniline	18	U	18	110	430	ug/Kg
83-32-9	Acenaphthene	65	U	65	54.9	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	54.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	17	U	17	54.9	220	ug/Kg
84-66-2	Diethylphthalate	53	U	53	54.9	220	ug/Kg
86-73-7	Fluorene	81	J	75	54.9	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	62	U	62	54.9	220	ug/Kg
100-01-6	4-Nitroaniline	21	U	21	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	50	U	50	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	58	U	58	54.9	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U	58	54.9	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	54.9	220	ug/Kg
118-74-1	Hexachlorobenzene	65	U	65	54.9	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	1200		69	54.9	220	ug/Kg
608-93-5	Pentachlorobenzene	47	U	47	54.9	220	ug/Kg
120-12-7	Anthracene	240		61	54.9	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.2	U	7.2	54.9	220	ug/Kg
86-74-8	Carbazole	140	J	79	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	54.9	220	ug/Kg
206-44-0	Fluoranthene	2000		58	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	A4C64	SDG No.:	BN062424
Lab Sample ID:	P2844-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032233.D	1	6/14/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		59	54.9	220	ug/Kg
85-68-7	Butylbenzylphthalate	56	U	56	54.9	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	32	U	32	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	800		50	54.9	220	ug/Kg
218-01-9	Chrysene	870		59	54.9	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	J	56	54.9	220	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	960		62	54.9	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	410		75	54.9	220	ug/Kg
50-32-8	Benzo(a)pyrene	450		74	54.9	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	350		58	54.9	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	J	67	54.9	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	63	J	59	54.9	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	67	U	67	54.9	220	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	1.777	*	20-120		4	SPK: -40
17647-74-4	1,4-Dioxane-d8	4.136		15-120		52	SPK: -8
4165-62-2	Phenol-d5	22.052		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.136		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.245		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	22.04		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	25.945		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.664		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.492		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.767		1-145		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.805		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	27.233		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.328		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	28.05		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	A4C64	SDG No.:	BN062424
Lab Sample ID:	P2844-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032233.D	1	6/14/2024 12:00:00 AM	6/25/2024 12:00:00 AM	PB161513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.287		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	29.975		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	26.602		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.449		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	305306	7.622				
1146-65-2	Naphthalene-d8	1203675	10.404				
15067-26-2	Acenaphthene-d10	717290	14.269				
1517-22-2	Phenanthrene-d10	1446816	17.022				
1719-03-5	Chrysene-d12	1333128	21.263				
1520-96-3	Perylene-d12	1569357	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	130	J			3.428	
	unknown-01	99	J			4.764	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	120	J			7.234	
000770-35-4	1-Phenoxypropan-2-ol	200	J			11.152	
000832-69-9	Phenanthrene, 1-methyl-	120	J			17.898	
000203-64-5	4H-Cyclopenta[def]phenanthrene	270	J			18.092	
000612-94-2	Naphthalene, 2-phenyl-	110	J			18.404	
000084-65-1	9,10-Anthracenedione	150	J			18.451	
000112-62-9	9-Octadecenoic acid (Z)-, methyl e	88	J			18.875	
005737-13-3	Cyclopenta(def)phenanthrenone	120	J			18.969	
000243-17-4	11H-Benzo[b]fluorene	110	J			19.951	
027208-37-3	Cyclopenta[cd]pyrene	170	J			20.951	
000192-97-2	Benzo[e]pyrene	150	J			23.904	
E966796	Total Alkanes	59	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4D47DL								
P2775-18DL	A4D47DL	Solid	[1,1-Biphenyl]-4-carboxaldehyde *	780.000	JD			
P2775-18DL	A4D47DL	Solid	11H-Benzo[b]fluorene *	1,100.000	JD			
P2775-18DL	A4D47DL	Solid	1H-Cyclopropa[1]phenanthrene, 1a *	980.000	JD			
P2775-18DL	A4D47DL	Solid	4H-Cyclopenta[def]phenanthrene *	3,200.000	JD			
P2775-18DL	A4D47DL	Solid	Anthracene, 2-methyl-	1,100.000	JD			
P2775-18DL	A4D47DL	Solid	Dibenzothiophene *	800.000	JD			
P2775-18DL	A4D47DL	Solid	Fluoranthene, 2-methyl-	1,200.000	JD			
P2775-18DL	A4D47DL	Solid	Naphthalene, 2-phenyl-	1,200.000	JD			
P2775-18DL	A4D47DL	Solid	Phenanthrene, 1-methyl-	2,300.000	JD			
P2775-18DL	A4D47DL	Solid	Phenanthrene, 2,5-dimethyl-	920.000	JD			
P2775-18DL	A4D47DL	Solid	Phenanthrene, 2-methyl-	1,800.000	JD			
P2775-18DL	A4D47DL	Solid	Pyrene, 1-methyl-	800.000	JD			
P2775-18DL	A4D47DL	Solid	Total Alkanes *	0.000	D	530	2000	ug/Kg
Total Tics :				16,180.00				
P2775-18DL	A4D47DL	Solid	1-Methylnaphthalene	410.000	JD	220	2000	ug/Kg
P2775-18DL	A4D47DL	Solid	2-Methylnaphthalene	490.000	JD	430	2000	ug/Kg
P2775-18DL	A4D47DL	Solid	Acenaphthene	2,300.000	D	580	2000	ug/Kg
P2775-18DL	A4D47DL	Solid	Anthracene	4,600.000	D	540	2000	ug/Kg
P2775-18DL	A4D47DL	Solid	Benzo(a)anthracene	5,800.000	D	450	2000	ug/Kg
P2775-18DL	A4D47DL	Solid	Benzo(a)pyrene	2,500.000	D	660	2000	ug/Kg
P2775-18DL	A4D47DL	Solid	Benzo(b)fluoranthene	5,500.000	D	560	2000	ug/Kg
P2775-18DL	A4D47DL	Solid	Benzo(k)fluoranthene	1,900.000	JD	670	2000	ug/Kg
P2775-18DL	A4D47DL	Solid	Carbazole	1,500.000	JD	710	3800	ug/Kg
P2775-18DL	A4D47DL	Solid	Chrysene	5,400.000	D	530	2000	ug/Kg
P2775-18DL	A4D47DL	Solid	Dibenzo(a,h)anthracene	720.000	JD	600	2000	ug/Kg
P2775-18DL	A4D47DL	Solid	Dibenzofuran	1,600.000	JD	460	2000	ug/Kg
P2775-18DL	A4D47DL	Solid	Fluoranthene	14,000.000	D	520	2000	ug/Kg
P2775-18DL	A4D47DL	Solid	Fluorene	2,600.000	D	670	2000	ug/Kg
P2775-18DL	A4D47DL	Solid	Indeno(1,2,3-cd)pyrene	1,500.000	JD	520	2000	ug/Kg
P2775-18DL	A4D47DL	Solid	Naphthalene	600.000	JD	380	2000	ug/Kg
P2775-18DL	A4D47DL	Solid	Phenanthrene	17,000.000	D	610	2000	ug/Kg
P2775-18DL	A4D47DL	Solid	Pyrene	10,000.000	D	530	2000	ug/Kg
Total Svoc :				78,420.00				
Total Concentration:				94,600.00				
Client ID : A4D48DL								
P2775-19DL	A4D48DL	Solid	1,1-Biphenyl, 2,4,4-trichloro- *	490.000	JD			
P2775-19DL	A4D48DL	Solid	11H-Benzo[a]fluorene *	640.000	JD			

Hit Summary Sheet SW-846

SDG No.: BN062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2775-19DL	A4D48DL	Solid	1H-Cyclopropa[1]phenanthrene,1a	*	680.000	JD		
P2775-19DL	A4D48DL	Solid	4H-Cyclopenta[def]phenanthrene	*	1,800.000	JD		
P2775-19DL	A4D48DL	Solid	Anthracene, 2-methyl-	*	540.000	JD		
P2775-19DL	A4D48DL	Solid	Benzo[e]pyrene	*	560.000	JD		
P2775-19DL	A4D48DL	Solid	Fluoranthene, 2-methyl-	*	510.000	JD		
P2775-19DL	A4D48DL	Solid	Naphthalene, 2-phenyl-	*	730.000	JD		
P2775-19DL	A4D48DL	Solid	Naphtho[2,1-b]thiophene	*	540.000	JD		
P2775-19DL	A4D48DL	Solid	Phenanthrene, 1,7-dimethyl-	*	460.000	JD		
P2775-19DL	A4D48DL	Solid	Phenanthrene, 1-methyl-	*	1,300.000	JD		
P2775-19DL	A4D48DL	Solid	Phenanthrene, 2,5-dimethyl-	*	430.000	JD		
P2775-19DL	A4D48DL	Solid	Phenanthrene, 2-methyl-	*	1,000.000	JD		
P2775-19DL	A4D48DL	Solid	Pyrene, 1-methyl-	*	490.000	JD		
P2775-19DL	A4D48DL	Solid	unknown-01	*	460.000	JD		
P2775-19DL	A4D48DL	Solid	Total Alkanes	*	0.000	D 280	1000	ug/Kg
Total Tics :				10,630.00				
P2775-19DL	A4D48DL	Solid	Acenaphthene		880.000	JD 300	1000	ug/Kg
P2775-19DL	A4D48DL	Solid	Anthracene		2,500.000	D 290	1000	ug/Kg
P2775-19DL	A4D48DL	Solid	Benzo(a)anthracene		3,900.000	D 240	1000	ug/Kg
P2775-19DL	A4D48DL	Solid	Benzo(a)pyrene		1,800.000	D 350	1000	ug/Kg
P2775-19DL	A4D48DL	Solid	Benzo(b)fluoranthene		3,900.000	D 290	1000	ug/Kg
P2775-19DL	A4D48DL	Solid	Benzo(k)fluoranthene		1,200.000	D 350	1000	ug/Kg
P2775-19DL	A4D48DL	Solid	Carbazole		1,100.000	JD 370	2000	ug/Kg
P2775-19DL	A4D48DL	Solid	Chrysene		3,900.000	D 280	1000	ug/Kg
P2775-19DL	A4D48DL	Solid	Dibenzo(a,h)anthracene		510.000	JD 320	1000	ug/Kg
P2775-19DL	A4D48DL	Solid	Dibenzofuran		710.000	JD 240	1000	ug/Kg
P2775-19DL	A4D48DL	Solid	Fluoranthene		8,700.000	D 270	1000	ug/Kg
P2775-19DL	A4D48DL	Solid	Fluorene		1,000.000	D 350	1000	ug/Kg
P2775-19DL	A4D48DL	Solid	Indeno(1,2,3-cd)pyrene		1,100.000	D 270	1000	ug/Kg
P2775-19DL	A4D48DL	Solid	Naphthalene		350.000	JD 200	1000	ug/Kg
P2775-19DL	A4D48DL	Solid	Phenanthrene		8,800.000	D 320	1000	ug/Kg
P2775-19DL	A4D48DL	Solid	Pyrene		6,300.000	D 280	1000	ug/Kg
Total Svoc :				46,650.00				
Total Concentration:				57,280.00				
Client ID : A4D58DL								
P2775-21DL	A4D58DL	Solid	1,1-Biphenyl, 2,3,3,5-tetrachlo	*	440.000	JD		
P2775-21DL	A4D58DL	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	470.000	JD		
P2775-21DL	A4D58DL	Solid	4H-Cyclopenta[def]phenanthrene	*	1,400.000	JD		
P2775-21DL	A4D58DL	Solid	Anthracene, 2-methyl-	*	940.000	JD		
P2775-21DL	A4D58DL	Solid	Fluoranthene, 2-methyl-	*	530.000	JD		
P2775-21DL	A4D58DL	Solid	Naphthalene, 2-phenyl-	*	570.000	JD		

Hit Summary Sheet SW-846

SDG No.: BN062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2775-21DL	A4D58DL	Solid	Phenanthrene, 1-methyl-	*	510.000	JD		
P2775-21DL	A4D58DL	Solid	Phenanthrene, 2-methyl-	*	740.000	JD		
P2775-21DL	A4D58DL	Solid	Total Alkanes	*	0.000	D 280	1000	ug/Kg
Total Tics :				5,600.00				
P2775-21DL	A4D58DL	Solid	Acenaphthene		540.000	JD 300	1000	ug/Kg
P2775-21DL	A4D58DL	Solid	Anthracene		1,900.000	D 290	1000	ug/Kg
P2775-21DL	A4D58DL	Solid	Benzo(a)anthracene		3,700.000	D 240	1000	ug/Kg
P2775-21DL	A4D58DL	Solid	Benzo(a)pyrene		1,700.000	D 350	1000	ug/Kg
P2775-21DL	A4D58DL	Solid	Benzo(b)fluoranthene		3,400.000	D 290	1000	ug/Kg
P2775-21DL	A4D58DL	Solid	Benzo(k)fluoranthene		1,400.000	D 350	1000	ug/Kg
P2775-21DL	A4D58DL	Solid	Carbazole		590.000	JD 370	2000	ug/Kg
P2775-21DL	A4D58DL	Solid	Chrysene		3,500.000	D 280	1000	ug/Kg
P2775-21DL	A4D58DL	Solid	Dibenzo(a,h)anthracene		460.000	JD 320	1000	ug/Kg
P2775-21DL	A4D58DL	Solid	Dibenzofuran		450.000	JD 240	1000	ug/Kg
P2775-21DL	A4D58DL	Solid	Fluoranthene		8,100.000	D 270	1000	ug/Kg
P2775-21DL	A4D58DL	Solid	Fluorene		670.000	JD 350	1000	ug/Kg
P2775-21DL	A4D58DL	Solid	Indeno(1,2,3-cd)pyrene		1,100.000	D 270	1000	ug/Kg
P2775-21DL	A4D58DL	Solid	Phenanthrene		6,800.000	D 320	1000	ug/Kg
P2775-21DL	A4D58DL	Solid	Pyrene		5,800.000	D 280	1000	ug/Kg
Total Svoc :				40,110.00				
Total Concentration:				45,710.00				
Client ID : A4D56DL								
P2775-24DL	A4D56DL	Solid	1,1-Biphenyl, 2,2-dichloro-	*	2,300.000	JD		
P2775-24DL	A4D56DL	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	3,000.000	JD		
P2775-24DL	A4D56DL	Solid	1-Isopropenylnaphthalene	*	1,400.000	JD		
P2775-24DL	A4D56DL	Solid	11H-Benzo[b]fluorene	*	2,100.000	JD		
P2775-24DL	A4D56DL	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph	*	3,400.000	JD		
P2775-24DL	A4D56DL	Solid	4H-Cyclopenta[def]phenanthrene	*	15,000.000	JD		
P2775-24DL	A4D56DL	Solid	9,10-Anthracenedione	*	2,500.000	JD		
P2775-24DL	A4D56DL	Solid	9H-Carbazole, 2-methyl-	*	1,600.000	JD		
P2775-24DL	A4D56DL	Solid	9H-Fluoren-3-ol	*	4,000.000	JD		
P2775-24DL	A4D56DL	Solid	9H-Fluoren-9-one	*	2,500.000	JD		
P2775-24DL	A4D56DL	Solid	9H-Fluorene, 9-methyl-	*	3,600.000	JD		
P2775-24DL	A4D56DL	Solid	Acridine	*	2,500.000	JD		
P2775-24DL	A4D56DL	Solid	Anthracene, 1,2,3,4-tetrahydro-	*	4,600.000	JD		
P2775-24DL	A4D56DL	Solid	Anthracene, 1-methyl-	*	5,700.000	JD		
P2775-24DL	A4D56DL	Solid	Anthracene, 2-methyl-	*	4,700.000	JD		
P2775-24DL	A4D56DL	Solid	Benzo[e]pyrene	*	5,900.000	JD		
P2775-24DL	A4D56DL	Solid	Benzo[j]fluoranthene	*	3,600.000	JD		
P2775-24DL	A4D56DL	Solid	Cyclopenta(def)phenanthrenone	*	4,000.000	JD		

Hit Summary Sheet SW-846

SDG No.: BN062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2775-24DL	A4D56DL	Solid	di-p-Tolylacetylene	*	4,700.000	JD		
P2775-24DL	A4D56DL	Solid	Dibenzothiophene	*	3,900.000	JD		
P2775-24DL	A4D56DL	Solid	Fluoranthene, 2-methyl-	*	1,500.000	JD		
P2775-24DL	A4D56DL	Solid	Naphthalene, 1,7-dimethyl-	*	2,100.000	JD		
P2775-24DL	A4D56DL	Solid	Naphthalene, 2-phenyl-	*	5,100.000	JD		
P2775-24DL	A4D56DL	Solid	Nordiphenamid	*	2,400.000	JD		
P2775-24DL	A4D56DL	Solid	Phenanthrene, 1,7-dimethyl-	*	1,600.000	JD		
P2775-24DL	A4D56DL	Solid	Phenanthrene, 1-methyl-	*	12,000.000	JD		
P2775-24DL	A4D56DL	Solid	Phenanthrene, 2,5-dimethyl-	*	1,500.000	JD		
P2775-24DL	A4D56DL	Solid	Phenanthrene, 2-methyl-	*	9,000.000	JD		
P2775-24DL	A4D56DL	Solid	Phenanthrene, 4,5-dimethyl-	*	1,800.000	JD		
P2775-24DL	A4D56DL	Solid	unknown-01	*	3,300.000	JD		
P2775-24DL	A4D56DL	Solid	Total Alkanes	*	0.000	D 550	2000	ug/Kg
Total Tics :				121,300.00				
P2775-24DL	A4D56DL	Solid	1,1-Biphenyl		800.000	JD 550	2000	ug/Kg
P2775-24DL	A4D56DL	Solid	1-Methylnaphthalene		2,300.000	D 230	2000	ug/Kg
P2775-24DL	A4D56DL	Solid	2-Methylnaphthalene		3,600.000	D 440	2000	ug/Kg
P2775-24DL	A4D56DL	Solid	Acenaphthene		11,000.000	D 600	2000	ug/Kg
P2775-24DL	A4D56DL	Solid	Anthracene		20,000.000	D 560	2000	ug/Kg
P2775-24DL	A4D56DL	Solid	Benzo(a)anthracene		27,000.000	D 460	2000	ug/Kg
P2775-24DL	A4D56DL	Solid	Benzo(a)pyrene		12,000.000	D 680	2000	ug/Kg
P2775-24DL	A4D56DL	Solid	Benzo(b)fluoranthene		24,000.000	D 570	2000	ug/Kg
P2775-24DL	A4D56DL	Solid	Benzo(g,h,i)perylene		1,100.000	JD 550	2000	ug/Kg
P2775-24DL	A4D56DL	Solid	Benzo(k)fluoranthene		10,000.000	D 690	2000	ug/Kg
P2775-24DL	A4D56DL	Solid	Carbazole		9,500.000	D 730	3900	ug/Kg
P2775-24DL	A4D56DL	Solid	Chrysene		25,000.000	D 550	2000	ug/Kg
P2775-24DL	A4D56DL	Solid	Dibenzo(a,h)anthracene		3,500.000	D 620	2000	ug/Kg
P2775-24DL	A4D56DL	Solid	Dibenzofuran		8,400.000	D 480	2000	ug/Kg
P2775-24DL	A4D56DL	Solid	Fluoranthene		53,000.000	ED 540	2000	ug/Kg
P2775-24DL	A4D56DL	Solid	Fluorene		12,000.000	D 690	2000	ug/Kg
P2775-24DL	A4D56DL	Solid	Indeno(1,2,3-cd)pyrene		7,500.000	D 540	2000	ug/Kg
P2775-24DL	A4D56DL	Solid	Naphthalene		6,600.000	D 390	2000	ug/Kg
P2775-24DL	A4D56DL	Solid	Phenanthrene		61,000.000	ED 630	2000	ug/Kg
P2775-24DL	A4D56DL	Solid	Pyrene		41,000.000	ED 550	2000	ug/Kg
Total Svoc :				339,300.00				
Total Concentration:				460,600.00				
Client ID : A4D56DL2								
P2775-24DL2	A4D56DL2	Solid	1,1-Biphenyl, 2,2-dichloro-	*	2,500.000	JD		
P2775-24DL2	A4D56DL2	Solid	1,1-Biphenyl, 2,3,4-Trichloro-	*	3,100.000	JD		
P2775-24DL2	A4D56DL2	Solid	11H-Benzo[b]fluorene	*	3,200.000	JD		

Hit Summary Sheet SW-846

SDG No.: BN062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2775-24DL2	A4D56DL2	Solid	1H-Cyclopropa[l]phenanthrene, 1a *	6,000.000	JD			
P2775-24DL2	A4D56DL2	Solid	1H-Cyclopropa[l]phenanthrene, 1a *	5,600.000	JD			
P2775-24DL2	A4D56DL2	Solid	2,2-Dimethyl-1-acenaphthenone *	2,600.000	JD			
P2775-24DL2	A4D56DL2	Solid	4H-Cyclopenta[def]phenanthrene *	16,000.000	JD			
P2775-24DL2	A4D56DL2	Solid	6H-Dibenzo[b,d]-pyran *	4,200.000	JD			
P2775-24DL2	A4D56DL2	Solid	9,10-Anthracenedione *	2,700.000	JD			
P2775-24DL2	A4D56DL2	Solid	9H-Fluorene-9-ol *	3,800.000	JD			
P2775-24DL2	A4D56DL2	Solid	9H-Fluorene, 3-methyl- *	3,800.000	JD			
P2775-24DL2	A4D56DL2	Solid	Anthracene, 1,2,3,4-tetrahydro- *	4,900.000	JD			
P2775-24DL2	A4D56DL2	Solid	Benzo[e]pyrene *	3,500.000	JD			
P2775-24DL2	A4D56DL2	Solid	Benzo[h]quinoline *	2,700.000	JD			
P2775-24DL2	A4D56DL2	Solid	Dibenzothiophene *	4,000.000	JD			
P2775-24DL2	A4D56DL2	Solid	Fluoranthene, 2-methyl- *	4,600.000	JD			
P2775-24DL2	A4D56DL2	Solid	Naphthalene, 2-phenyl- *	6,100.000	JD			
P2775-24DL2	A4D56DL2	Solid	Nordiphenamid *	2,500.000	JD			
P2775-24DL2	A4D56DL2	Solid	Phenanthrene, 1-methyl- *	13,000.000	JD			
P2775-24DL2	A4D56DL2	Solid	Phenanthrene, 2,5-dimethyl- *	4,800.000	JD			
P2775-24DL2	A4D56DL2	Solid	Phenanthrene, 2-methyl- *	9,800.000	JD			
P2775-24DL2	A4D56DL2	Solid	Phenanthrene, 4,5-dimethyl- *	4,200.000	JD			
P2775-24DL2	A4D56DL2	Solid	Pyrene, 1-methyl- *	3,100.000	JD			
P2775-24DL2	A4D56DL2	Solid	Pyrene, 4,5,9,10-tetrahydro- *	3,600.000	JD			
P2775-24DL2	A4D56DL2	Solid	unknown-01 *	3,200.000	JD			
P2775-24DL2	A4D56DL2	Solid	unknown-02 *	5,600.000	JD			
P2775-24DL2	A4D56DL2	Solid	Total Alkanes *	0.000	D	1600	6100	ug/Kg
Total Tics :				129,100.00				
P2775-24DL2	A4D56DL2	Solid	1-Methylnaphthalene	2,300.000	JD	680	6100	ug/Kg
P2775-24DL2	A4D56DL2	Solid	2-Methylnaphthalene	3,500.000	JD	1300	6100	ug/Kg
P2775-24DL2	A4D56DL2	Solid	Acenaphthene	12,000.000	D	1800	6100	ug/Kg
P2775-24DL2	A4D56DL2	Solid	Anthracene	21,000.000	D	1700	6100	ug/Kg
P2775-24DL2	A4D56DL2	Solid	Benzo(a)anthracene	28,000.000	D	1400	6100	ug/Kg
P2775-24DL2	A4D56DL2	Solid	Benzo(a)pyrene	12,000.000	D	2000	6100	ug/Kg
P2775-24DL2	A4D56DL2	Solid	Benzo(b)fluoranthene	24,000.000	D	1700	6100	ug/Kg
P2775-24DL2	A4D56DL2	Solid	Benzo(k)fluoranthene	12,000.000	D	2100	6100	ug/Kg
P2775-24DL2	A4D56DL2	Solid	Carbazole	9,600.000	JD	2200	12000	ug/Kg
P2775-24DL2	A4D56DL2	Solid	Chrysene	25,000.000	D	1600	6100	ug/Kg
P2775-24DL2	A4D56DL2	Solid	Dibenzo(a,h)anthracene	3,400.000	JD	1900	6100	ug/Kg
P2775-24DL2	A4D56DL2	Solid	Dibenzofuran	8,900.000	D	1400	6100	ug/Kg
P2775-24DL2	A4D56DL2	Solid	Fluoranthene	63,000.000	D	1600	6100	ug/Kg
P2775-24DL2	A4D56DL2	Solid	Fluorene	13,000.000	D	2100	6100	ug/Kg
P2775-24DL2	A4D56DL2	Solid	Indeno(1,2,3-cd)pyrene	7,300.000	D	1600	6100	ug/Kg



SDG No.: BN062424

Client:

Total Svoc :	371,900.00
Total Concentration:	501.000.00

Client ID : A4C64

			Total Tics :	1,837.00			
P2844-12	A4C64	Solid	Anthracene	240.000	61	220	ug/Kg
P2844-12	A4C64	Solid	Benzo(a)anthracene	800.000	50	220	ug/Kg
P2844-12	A4C64	Solid	Benzo(a)pyrene	450.000	74	220	ug/Kg
P2844-12	A4C64	Solid	Benzo(b)fluoranthene	960.000	62	220	ug/Kg
P2844-12	A4C64	Solid	Benzo(g,h,i)perylene	63.000	J 59	220	ug/Kg
P2844-12	A4C64	Solid	Benzo(k)fluoranthene	410.000	75	220	ug/Kg
P2844-12	A4C64	Solid	Bis(2-ethylhexyl)phthalate	190.000	J 56	220	ug/Kg
P2844-12	A4C64	Solid	Carbazole	140.000	J 79	430	ug/Kg
P2844-12	A4C64	Solid	Chrysene	870.000	59	220	ug/Kg
P2844-12	A4C64	Solid	Dibenzo(a,h)anthracene	140.000	J 67	220	ug/Kg
P2844-12	A4C64	Solid	Fluoranthene	2,000.000	58	220	ug/Kg
P2844-12	A4C64	Solid	Fluorene	81.000	J 75	220	ug/Kg
P2844-12	A4C64	Solid	Indeno(1,2,3-cd)pyrene	350.000	58	220	ug/Kg
P2844-12	A4C64	Solid	Phenanthrene	1,200.000	69	220	ug/Kg
P2844-12	A4C64	Solid	Pyrene	1,400.000	59	220	ug/Kg
			Total Svoc :	9,294.00			
			Total Concentration:	11,131.00			

Client ID : A4D82

Hit Summary Sheet SW-846

SDG No.: BN062424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P2844-17	A4D82	Water	13-Docosenamide, (Z)-	*	2.700	J		
P2844-17	A4D82	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	26.000	J		
P2844-17	A4D82	Water	Acetic acid, phenylmethyl ester	*	2.500	J		
P2844-17	A4D82	Water	Benzaldehyde, 3-hydroxy-4-metho	*	2.500	J		
P2844-17	A4D82	Water	Total Alkanes	*	0.000	1.9	5	ug/L
Total Tics :						33.70		
Total Concentration:						33.70		
Client ID : C0SB2								
P2856-01	C0SB2	Solid	(DEL) Alkane: Straight-Chain20.9	*	170.000	J		
P2856-01	C0SB2	Solid	n-Hexadecanoic acid	*	440.000	J		
P2856-01	C0SB2	Solid	Octadecanoic acid	*	280.000	J		
P2856-01	C0SB2	Solid	Total Alkanes	*	170.000	64	240	ug/Kg
Total Tics :						1,060.00		
Total Concentration:						1,060.00		
Client ID : C0SE4								
P2856-02	C0SE4	Solid	(DEL) Alkane: Cyclic20.951	*	110.000	J		
P2856-02	C0SE4	Solid	(DEL) Alkane: Cyclic4.746	*	110.000	J		
P2856-02	C0SE4	Solid	(DEL) Alkane: Cyclic4.799	*	170.000	J		
P2856-02	C0SE4	Solid	(DEL) Alkane: Cyclic4.852	*	510.000	J		
P2856-02	C0SE4	Solid	(DEL) Alkane: Cyclic5.093	*	870.000	J		
P2856-02	C0SE4	Solid	(DEL) Alkane: Cyclic5.328	*	260.000	J		
P2856-02	C0SE4	Solid	(DEL) Alkane: Cyclic5.446	*	450.000	J		
P2856-02	C0SE4	Solid	(DEL) Alkane: Cyclic5.593	*	1,400.000	J		
P2856-02	C0SE4	Solid	(DEL) Alkane: Cyclic5.658	*	1,200.000	J		
P2856-02	C0SE4	Solid	(DEL) Alkane: Cyclic5.734	*	590.000	J		
P2856-02	C0SE4	Solid	(DEL) Alkane: Cyclic6.269	*	6,700.000	J		
P2856-02	C0SE4	Solid	(DEL) Alkane: Cyclic6.381	*	890.000	J		
P2856-02	C0SE4	Solid	(DEL) Alkane: Cyclic6.446	*	1,100.000	J		
P2856-02	C0SE4	Solid	(DEL) Alkane: Cyclic6.716	*	780.000	J		
P2856-02	C0SE4	Solid	(DEL) Alkane: Cyclic7.040	*	890.000	J		
P2856-02	C0SE4	Solid	(DEL) Alkane: Cyclic7.075	*	1,200.000	J		
P2856-02	C0SE4	Solid	(DEL) Alkane: Cyclic7.105	*	3,300.000	J		
P2856-02	C0SE4	Solid	(DEL) Alkane: Cyclic7.440	*	1,400.000	J		
P2856-02	C0SE4	Solid	(DEL) Alkane: Cyclic7.899	*	3,600.000	J		
P2856-02	C0SE4	Solid	(DEL) Alkane: Cyclic7.958	*	980.000	J		
P2856-02	C0SE4	Solid	(DEL) Alkane: Cyclic8.687	*	610.000	J		
P2856-02	C0SE4	Solid	(DEL) Alkane: Straight-Chain4.5	*	180.000	J		
P2856-02	C0SE4	Solid	(DEL) Alkane: Straight-Chain4.6	*	110.000	J		
P2856-02	C0SE4	Solid	(DEL) Alkane: Straight-Chain5.0	*	320.000	J		

Hit Summary Sheet SW-846

SDG No.: BN062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2856-02	C0SE4	Solid	(DEL) Alkane: Straight-Chain5.22 *	1,100.000	J			
P2856-02	C0SE4	Solid	(DEL) Alkane: Straight-Chain5.51 *	990.000	J			
P2856-02	C0SE4	Solid	(DEL) Alkane: Straight-Chain5.81 *	280.000	J			
P2856-02	C0SE4	Solid	(DEL) Alkane: Straight-Chain6.02 *	1,400.000	J			
P2856-02	C0SE4	Solid	(DEL) Alkane: Straight-Chain6.18 *	3,700.000	J			
P2856-02	C0SE4	Solid	(DEL) Alkane: Straight-Chain6.22 *	1,000.000	J			
P2856-02	C0SE4	Solid	(DEL) Alkane: Straight-Chain6.52 *	2,400.000	J			
P2856-02	C0SE4	Solid	(DEL) Alkane: Straight-Chain6.58 *	1,100.000	J			
P2856-02	C0SE4	Solid	(DEL) Alkane: Straight-Chain6.61 *	3,900.000	J			
P2856-02	C0SE4	Solid	(DEL) Alkane: Straight-Chain6.67 *	2,400.000	J			
P2856-02	C0SE4	Solid	(DEL) Alkane: Straight-Chain7.22 *	760.000	J			
P2856-02	C0SE4	Solid	(DEL) Alkane: Straight-Chain7.52 *	3,000.000	J			
P2856-02	C0SE4	Solid	(DEL) Alkane: Straight-Chain7.82 *	820.000	J			
P2856-02	C0SE4	Solid	(DEL) Alkane: Straight-Chain8.12 *	670.000	J			
P2856-02	C0SE4	Solid	(DEL) Alkane: Straight-Chain8.19 *	1,000.000	J			
P2856-02	C0SE4	Solid	2-(1-Methylcyclohexyloxy)-tetrahy *	260.000	J			
P2856-02	C0SE4	Solid	2-Cycloocten-1-one *	710.000	J			
P2856-02	C0SE4	Solid	2-Cyclopenten-1-one, 3-(1-methyl *	2,700.000	J			
P2856-02	C0SE4	Solid	4-Decyne *	510.000	J			
P2856-02	C0SE4	Solid	4-Hydroxy-.alpha.-Thujone *	2,900.000	J			
P2856-02	C0SE4	Solid	Benzene, 1,2,4,5-tetramethyl- *	160.000	J			
P2856-02	C0SE4	Solid	Benzene, 1-ethyl-2,3-dimethyl- *	190.000	J			
P2856-02	C0SE4	Solid	Benzene, 1-methyl-3-(1-methylethyl) *	470.000	J			
P2856-02	C0SE4	Solid	Benzene, 2-ethyl-1,3-dimethyl- *	2,100.000	J			
P2856-02	C0SE4	Solid	Benzene, 2-ethyl-1,4-dimethyl- *	230.000	J			
P2856-02	C0SE4	Solid	Benzene, 4-ethyl-1,2-dimethyl- *	270.000	J			
P2856-02	C0SE4	Solid	Carbonic acid, eicosyl vinyl ester *	1,700.000	J			
P2856-02	C0SE4	Solid	Cyclohexane, 1-bromo-2-methyl- *	1,600.000	J			
P2856-02	C0SE4	Solid	Cyclopentane, 1,1-ethylidenebis- *	430.000	J			
P2856-02	C0SE4	Solid	Decyl octyl ether *	1,500.000	J			
P2856-02	C0SE4	Solid	n-Hexadecanoic acid *	180.000	J			
P2856-02	C0SE4	Solid	Naphthalene, decahydro- *	890.000	J			
P2856-02	C0SE4	Solid	o-Cymene *	700.000	J			
P2856-02	C0SE4	Solid	Octadecanoic acid *	110.000	J			
P2856-02	C0SE4	Solid	Octane, 1,1-oxybis- *	410.000	J			
P2856-02	C0SE4	Solid	p-Mentha-1,5,8-triene *	2,800.000	J			
P2856-02	C0SE4	Solid	Sulfurous acid, cyclohexylmethyl *	460.000	J			
P2856-02	C0SE4	Solid	trans-4a-Methyl-decahydronaphth *	190.000	J			
P2856-02	C0SE4	Solid	unknown-01 *	580.000	J			
P2856-02	C0SE4	Solid	unknown-02 *	1,100.000	J			

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SDG No.: BN062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2856-02	C0SE4	Solid	Total Alkanes	*	52,000.000	49	180	ug/Kg
			Total Tics :		127,400.00			
P2856-02	C0SE4	Solid	Naphthalene		51.000	J 35	180	ug/Kg
			Total Svoc :		51.00			
			Total Concentration:		127,451.00			
Client ID : C0SE5								
P2856-03	C0SE5	Solid	n-Hexadecanoic acid	*	98.000	J		
P2856-03	C0SE5	Solid	Total Alkanes	*	0.000	48	180	ug/Kg
			Total Tics :		98.00			
			Total Concentration:		98.00			
Client ID : C0SE7								
P2856-04	C0SE7	Solid	(DEL) Alkane: Straight-Chain20.9	*	110.000	J		
P2856-04	C0SE7	Solid	Benzene, 1-propynyl-	*	86.000	J		
P2856-04	C0SE7	Solid	n-Hexadecanoic acid	*	240.000	J		
P2856-04	C0SE7	Solid	Octadecanoic acid	*	150.000	J		
P2856-04	C0SE7	Solid	Total Alkanes	*	110.000	54	200	ug/Kg
			Total Tics :		696.00			
P2856-04	C0SE7	Solid	2-Methylnaphthalene		48.000	J 44	200	ug/Kg
P2856-04	C0SE7	Solid	Naphthalene		260.000	39	200	ug/Kg
			Total Svoc :		308.00			
			Total Concentration:		1,004.00			
Client ID : C0SG9								
P2856-07	C0SG9	Solid	(DEL) Alkane: Cyclic15.745	*	130.000	J		
P2856-07	C0SG9	Solid	(DEL) Alkane: Cyclic17.386	*	150.000	J		
P2856-07	C0SG9	Solid	(DEL) Alkane: Cyclic4.052	*	120.000	J		
P2856-07	C0SG9	Solid	(DEL) Alkane: Cyclic4.805	*	120.000	J		
P2856-07	C0SG9	Solid	(DEL) Alkane: Cyclic4.864	*	520.000	J		
P2856-07	C0SG9	Solid	(DEL) Alkane: Cyclic5.463	*	330.000	J		
P2856-07	C0SG9	Solid	(DEL) Alkane: Cyclic5.563	*	320.000	J		
P2856-07	C0SG9	Solid	(DEL) Alkane: Cyclic5.975	*	2,500.000	J		
P2856-07	C0SG9	Solid	(DEL) Alkane: Cyclic8.928	*	150.000	J		
P2856-07	C0SG9	Solid	(DEL) Alkane: Straight-Chain11.8	*	81.000	J		
P2856-07	C0SG9	Solid	(DEL) Alkane: Straight-Chain13.6	*	180.000	J		
P2856-07	C0SG9	Solid	(DEL) Alkane: Straight-Chain14.1	*	170.000	J		
P2856-07	C0SG9	Solid	(DEL) Alkane: Straight-Chain15.1	*	170.000	J		
P2856-07	C0SG9	Solid	(DEL) Alkane: Straight-Chain15.5	*	400.000	J		
P2856-07	C0SG9	Solid	(DEL) Alkane: Straight-Chain16.6	*	780.000	J		
P2856-07	C0SG9	Solid	(DEL) Alkane: Straight-Chain16.7	*	130.000	J		
P2856-07	C0SG9	Solid	(DEL) Alkane: Straight-Chain16.8	*	330.000	J		

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SDG No.: BN062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2856-07	C0SG9	Solid	(DEL) Alkane: Straight-Chain17.5 *	220.000	J			
P2856-07	C0SG9	Solid	(DEL) Alkane: Straight-Chain18.6 *	120.000	J			
P2856-07	C0SG9	Solid	(DEL) Alkane: Straight-Chain19.9 *	190.000	J			
P2856-07	C0SG9	Solid	(DEL) Alkane: Straight-Chain20.4 *	190.000	J			
P2856-07	C0SG9	Solid	(DEL) Alkane: Straight-Chain21.4 *	230.000	J			
P2856-07	C0SG9	Solid	(DEL) Alkane: Straight-Chain21.9 *	180.000	J			
P2856-07	C0SG9	Solid	(DEL) Alkane: Straight-Chain4.21 *	110.000	J			
P2856-07	C0SG9	Solid	(DEL) Alkane: Straight-Chain4.6 *	210.000	J			
P2856-07	C0SG9	Solid	(DEL) Alkane: Straight-Chain4.7 *	76.000	J			
P2856-07	C0SG9	Solid	(DEL) Alkane: Straight-Chain5.01 *	240.000	J			
P2856-07	C0SG9	Solid	(DEL) Alkane: Straight-Chain5.12 *	1,000.000	J			
P2856-07	C0SG9	Solid	(DEL) Alkane: Straight-Chain5.24 *	590.000	J			
P2856-07	C0SG9	Solid	(DEL) Alkane: Straight-Chain8.4 *	380.000	J			
P2856-07	C0SG9	Solid	(DEL) Alkane: Straight-Chain9.77 *	350.000	J			
P2856-07	C0SG9	Solid	(DEL) Alkane: Straight-Chain9.94 *	100.000	J			
P2856-07	C0SG9	Solid	10,18-Bisnorabieta-5,7,9(10),11,1 *	170.000	J			
P2856-07	C0SG9	Solid	1H-Indene, 2,3-dihydro-1,6-dimet *	88.000	J			
P2856-07	C0SG9	Solid	1H-Indene, 2,3-dihydro-5-methyl- *	630.000	J			
P2856-07	C0SG9	Solid	2-Pyrazoline, 5-ethyl-1,4-dimethy *	380.000	J			
P2856-07	C0SG9	Solid	Benzene, (1,1-dimethylpropyl)- *	280.000	J			
P2856-07	C0SG9	Solid	Benzene, (2-methyl-1-butenyl)- *	1,200.000	J			
P2856-07	C0SG9	Solid	Benzene, (2-methyl-1-propenyl)- *	930.000	J			
P2856-07	C0SG9	Solid	Benzene, 1,2,3,5-tetramethyl- *	1,000.000	J			
P2856-07	C0SG9	Solid	Benzene, 1,3-diethyl-5-methyl- *	810.000	J			
P2856-07	C0SG9	Solid	Benzene, 1-ethyl-2,3-dimethyl- *	2,000.000	J			
P2856-07	C0SG9	Solid	Benzene, 1-ethyl-3,5-dimethyl- *	130.000	J			
P2856-07	C0SG9	Solid	Benzene, 1-ethyl-3-(1-methylethy *	87.000	J			
P2856-07	C0SG9	Solid	Benzene, 1-ethyl-4-methyl- *	750.000	J			
P2856-07	C0SG9	Solid	Benzene, 1-methyl-4-(1-methylpr *	380.000	J			
P2856-07	C0SG9	Solid	Benzene, 2-ethyl-1,3-dimethyl- *	1,100.000	J			
P2856-07	C0SG9	Solid	Benzene, 2-ethyl-1,4-dimethyl- *	680.000	J			
P2856-07	C0SG9	Solid	Benzene, 4-ethyl-1,2-dimethyl- *	1,200.000	J			
P2856-07	C0SG9	Solid	Carbonic acid, octadecyl prop-1-e *	150.000	J			
P2856-07	C0SG9	Solid	Carbonic acid, octadecyl vinyl est *	370.000	J			
P2856-07	C0SG9	Solid	Cholestan-3-one *	800.000	J			
P2856-07	C0SG9	Solid	m,p-DDD *	3,200.000	J			
P2856-07	C0SG9	Solid	Mitotane *	1,000.000	J			
P2856-07	C0SG9	Solid	n-Hexadecanoic acid *	170.000	J			
P2856-07	C0SG9	Solid	Naphthalene, 2,3-dimethyl- *	140.000	J			
P2856-07	C0SG9	Solid	o-Cymene *	850.000	J			

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SDG No.: BN062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2856-07	C0SG9	Solid	Sulfurous acid, cyclohexylmethyl *	280.000	J			
P2856-07	C0SG9	Solid	Supraene *	390.000	J			
P2856-07	C0SG9	Solid	unknown-01 *	200.000	J			
P2856-07	C0SG9	Solid	unknown-02 *	160.000	J			
P2856-07	C0SG9	Solid	Total Alkanes *	11,000.000		51	190	ug/Kg
Total Tics :				41,292.00				
P2856-07	C0SG9	Solid	1-Methylnaphthalene	260.000		21	190	ug/Kg
P2856-07	C0SG9	Solid	2-Methylnaphthalene	490.000		41	190	ug/Kg
P2856-07	C0SG9	Solid	Bis(2-ethylhexyl)phthalate	1,400.000		48	190	ug/Kg
P2856-07	C0SG9	Solid	Butylbenzylphthalate	53.000	J	48	190	ug/Kg
P2856-07	C0SG9	Solid	Di-n-butylphthalate	340.000		64	190	ug/Kg
P2856-07	C0SG9	Solid	Di-n-octyl phthalate	59.000	J	48	370	ug/Kg
P2856-07	C0SG9	Solid	Naphthalene	4,000.000	E	37	190	ug/Kg
Total Svoc :				6,602.00				
Total Concentration:				47,894.00				

Client ID : C0SH0

P2856-08	C0SH0	Solid	(DEL) Alkane: Cyclic5.087 *	110.000	J			
P2856-08	C0SH0	Solid	(DEL) Alkane: Cyclic5.593 *	210.000	J			
P2856-08	C0SH0	Solid	(DEL) Alkane: Cyclic6.116 *	330.000	J			
P2856-08	C0SH0	Solid	(DEL) Alkane: Cyclic6.264 *	540.000	J			
P2856-08	C0SH0	Solid	(DEL) Alkane: Cyclic6.381 *	230.000	J			
P2856-08	C0SH0	Solid	(DEL) Alkane: Cyclic6.440 *	250.000	J			
P2856-08	C0SH0	Solid	(DEL) Alkane: Cyclic7.069 *	92.000	J			
P2856-08	C0SH0	Solid	(DEL) Alkane: Cyclic7.387 *	83.000	J			
P2856-08	C0SH0	Solid	(DEL) Alkane: Cyclic7.899 *	730.000	J			
P2856-08	C0SH0	Solid	(DEL) Alkane: Cyclic8.052 *	110.000	J			
P2856-08	C0SH0	Solid	(DEL) Alkane: Straight-Chain5.12 *	88.000	J			
P2856-08	C0SH0	Solid	(DEL) Alkane: Straight-Chain5.22 *	150.000	J			
P2856-08	C0SH0	Solid	(DEL) Alkane: Straight-Chain5.51 *	140.000	J			
P2856-08	C0SH0	Solid	(DEL) Alkane: Straight-Chain5.62 *	1,200.000	J			
P2856-08	C0SH0	Solid	(DEL) Alkane: Straight-Chain5.72 *	110.000	J			
P2856-08	C0SH0	Solid	(DEL) Alkane: Straight-Chain6.02 *	320.000	J			
P2856-08	C0SH0	Solid	(DEL) Alkane: Straight-Chain6.18 *	830.000	J			
P2856-08	C0SH0	Solid	(DEL) Alkane: Straight-Chain6.52 *	680.000	J			
P2856-08	C0SH0	Solid	(DEL) Alkane: Straight-Chain6.58 *	340.000	J			
P2856-08	C0SH0	Solid	(DEL) Alkane: Straight-Chain6.61 *	990.000	J			
P2856-08	C0SH0	Solid	(DEL) Alkane: Straight-Chain6.66 *	760.000	J			
P2856-08	C0SH0	Solid	(DEL) Alkane: Straight-Chain7.22 *	3,600.000	J			
P2856-08	C0SH0	Solid	(DEL) Alkane: Straight-Chain7.52 *	630.000	J			
P2856-08	C0SH0	Solid	(DEL) Alkane: Straight-Chain7.86 *	97.000	J			

Hit Summary Sheet SW-846

SDG No.: BN062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2856-08	C0SH0	Solid	(DEL) Alkane: Straight-Chain8.14	*	200.000	J		
P2856-08	C0SH0	Solid	2,4-Dimethyl-1,5-diazabicyclo[3.1	*	160.000	J		
P2856-08	C0SH0	Solid	2,4-Dodecadialenal	*	130.000	J		
P2856-08	C0SH0	Solid	2-(Butyliden-2-one)tetrahydrofura	*	200.000	J		
P2856-08	C0SH0	Solid	4-Methyl-3-heptanol, trifluoroacet	*	150.000	J		
P2856-08	C0SH0	Solid	Benzene, 1,2-diethyl-	*	130.000	J		
P2856-08	C0SH0	Solid	Benzene, 1,3-diethyl-	*	770.000	J		
P2856-08	C0SH0	Solid	Benzene, 1-methyl-3-propyl-	*	330.000	J		
P2856-08	C0SH0	Solid	Benzene, 2-ethyl-1,4-dimethyl-	*	180.000	J		
P2856-08	C0SH0	Solid	Benzene, 4-ethyl-1,2-dimethyl-	*	360.000	J		
P2856-08	C0SH0	Solid	Ethanone, 1-(1-methylcyclohexyl)	*	630.000	J		
P2856-08	C0SH0	Solid	n-Hexadecanoic acid	*	170.000	J		
P2856-08	C0SH0	Solid	n-Nonadecanol-1	*	100.000	J		
P2856-08	C0SH0	Solid	Naphthalene, decahydro-	*	320.000	J		
P2856-08	C0SH0	Solid	o-Cymene	*	170.000	J		
P2856-08	C0SH0	Solid	Octadecanoic acid	*	89.000	J		
P2856-08	C0SH0	Solid	Oxalic acid, 2-ethylhexyl pentyl e	*	190.000	J		
P2856-08	C0SH0	Solid	Succinic acid, cyclohexylmethyl 4	*	350.000	J		
P2856-08	C0SH0	Solid	unknown-01	*	620.000	J		
P2856-08	C0SH0	Solid	unknown-02	*	270.000	J		
P2856-08	C0SH0	Solid	unknown-03	*	310.000	J		
P2856-08	C0SH0	Solid	unknown-04	*	190.000	J		
P2856-08	C0SH0	Solid	Total Alkanes	*	13,000.000	50	180	ug/Kg
Total Tics :					31,639.00			
Total Concentration:					31,639.00			
Client ID : C0SH1								
P2856-09	C0SH1	Solid	(DEL) Alkane: Cyclic20.945	*	89.000	J		
P2856-09	C0SH1	Solid	1-Phenoxypropan-2-ol	*	90.000	J		
P2856-09	C0SH1	Solid	n-Hexadecanoic acid	*	240.000	J		
P2856-09	C0SH1	Solid	Octadecanoic acid	*	130.000	J		
P2856-09	C0SH1	Solid	Total Alkanes	*	89.000	56	210	ug/Kg
Total Tics :					638.00			
P2856-09	C0SH1	Solid	Naphthalene		96.000	J 40	210	ug/Kg
Total Svoc :					96.00			
Total Concentration:					734.00			
Client ID : C0SH2								
P2856-10	C0SH2	Solid	n-Hexadecanoic acid	*	170.000	J		
P2856-10	C0SH2	Solid	Nonadecyl pentafluoropropionate	*	120.000	J		
P2856-10	C0SH2	Solid	Octadecanoic acid	*	88.000	J		

Hit Summary Sheet SW-846

SDG No.: BN062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2856-10	C0SH2	Solid	Total Alkanes	*	0.000	57	210	ug/Kg
			Total Tics :			378.00		
P2856-10	C0SH2	Solid	Naphthalene		68.000	J 41	210	ug/Kg
			Total Svoc :			68.00		
			Total Concentration:			446.00		
Client ID : C0SH3								
P2856-11	C0SH3	Solid	Benzene, 1,2,3-trimethyl-	*	100.000	J		
P2856-11	C0SH3	Solid	Heptadecyl heptafluorobutyrate	*	130.000	J		
P2856-11	C0SH3	Solid	Indene	*	130.000	J		
P2856-11	C0SH3	Solid	n-Hexadecanoic acid	*	160.000	J		
P2856-11	C0SH3	Solid	Octadecanoic acid	*	96.000	J		
P2856-11	C0SH3	Solid	Total Alkanes	*	0.000	60	220	ug/Kg
			Total Tics :			616.00		
P2856-11	C0SH3	Solid	Naphthalene		1,500.000	43	220	ug/Kg
			Total Svoc :			1,500.00		
			Total Concentration:			2,116.00		
Client ID : C0S32								
P2873-01	C0S32	Water	1-Hexanol, 2-ethyl-	*	2.300	J		
P2873-01	C0S32	Water	Propanoic acid, 2-methyl-, 3-hydr	*	6.600	J		
P2873-01	C0S32	Water	unknown-01	*	3.200	J		
P2873-01	C0S32	Water	Total Alkanes	*	0.000	1.9	5	ug/L
			Total Tics :			12.10		
			Total Concentration:			12.10		
Client ID : C0SK6								
P2873-18	C0SK6	Water	1-Hexanol, 2-ethyl-	*	2.400	J		
P2873-18	C0SK6	Water	2,2,4-Trimethyl-1,3-pentanediol d	*	3.100	J		
P2873-18	C0SK6	Water	Propanoic acid, 2-methyl-, 2-ethyl	*	6.000	J		
P2873-18	C0SK6	Water	Total Alkanes	*	0.000	1.9	5	ug/L
			Total Tics :			11.50		
			Total Concentration:			11.50		
Client ID : C0AA5								
P2899-03	C0AA5	Solid	(DEL) Alkane: Straight-Chain23.1	*	150.000	J		
P2899-03	C0AA5	Solid	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	*	330.000	J		
P2899-03	C0AA5	Solid	Longifolene	*	90.000	J		
P2899-03	C0AA5	Solid	n-Hexadecanoic acid	*	160.000	J		
P2899-03	C0AA5	Solid	Octacosanol	*	170.000	J		
P2899-03	C0AA5	Solid	Octadecanoic acid	*	130.000	J		
P2899-03	C0AA5	Solid	unknown-01	*	180.000	J		
P2899-03	C0AA5	Solid	Total Alkanes	*	150.000	52	190	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :				1,360.00				
Total Concentration:				1,360.00				
Client ID : E1GE1								
P2961-16	E1GE1	Water	1-Hexanol, 2-ethyl-	*	6.700	J		
P2961-16	E1GE1	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	4.400	J		
P2961-16	E1GE1	Water	Total Alkanes	*	0.000	1.9	5	ug/L
Total Tics :				11.10				
Total Concentration:				11.10				
Client ID : E1G72								
P2961-17	E1G72	Water	Total Alkanes	*	0.000	1.9	5	ug/L
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID : E1G73								
P2961-18	E1G73	Water	1-Heneicosanol	*	2.800	J		
P2961-18	E1G73	Water	1-Phenoxypropan-2-ol	*	2.700	J		
P2961-18	E1G73	Water	n-Hexadecanoic acid	*	3.700	J		
P2961-18	E1G73	Water	Total Alkanes	*	0.000	1.9	5	ug/L
Total Tics :				9.20				
Total Concentration:				9.20				
Client ID : E08C4								
P3037-01	E08C4	Water	(DEL) Alkane: Straight-Chain11.4	*	3.200	J		
P3037-01	E08C4	Water	(DEL) Alkane: Straight-Chain12.7	*	2.800	J		
P3037-01	E08C4	Water	12-Hydroxystearic acid	*	3.900	J		
P3037-01	E08C4	Water	2,3,5,6-Tetramethylbenzoic acid	*	5.300	J		
P3037-01	E08C4	Water	Benzene, 1,2,3,4-tetramethyl-	*	3.800	J		
P3037-01	E08C4	Water	Benzene, 1,3-dimethyl-	*	21.000	J		
P3037-01	E08C4	Water	Benzothiazole	*	2.100	J		
P3037-01	E08C4	Water	Indane	*	7.900	J		
P3037-01	E08C4	Water	n-Hexadecanoic acid	*	3.700	J		
P3037-01	E08C4	Water	Nonanoic acid	*	9.200	J		
P3037-01	E08C4	Water	Octanoic acid	*	3.100	J		
P3037-01	E08C4	Water	Total Alkanes	*	6.000	1.9	5	ug/L
Total Tics :				72.00				
P3037-01	E08C4	Water	1-Methylnaphthalene		2.000	J 0.97	5	ug/L
P3037-01	E08C4	Water	Naphthalene		4.500	J 1.5	5	ug/L
Total Svoc :				6.50				
Total Concentration:				78.50				



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

Hit Summary Sheet
SW-846

SDG No.: BN062424

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
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6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN052924SAS No.: BN052924SDG No.: BN052924

Instrument ID: _____

Calibration Date(s): 5/29/2024 : _____Calibration Time(s): 11:20 : _____

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

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN062424 SAS No.: BN062424 SDG NO.: BN062424

EPA Sample No.: SSTD020205 Date Analyzed: Jun 24 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 11:16

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	537524	7.687	2.44038e+06	10.47	1.62391e+006	14.33
	UPPER LIMIT	1075048	8.187	4880760	10.969	3247820	14.828
	LOWER LIMIT	268762	7.187	1220190	9.969	811955	13.828
	EPA SAMPLE NO.						
01	SBLK483	342362	7.63	1.313e+0	10.41	782449 *	14.28
02	C0AA5	271988	7.63	1.0523e+ *	10.41	637566 *	14.28
03	C0SB2	239944 *	7.63	939728 *	10.41	573864 *	14.28
04	C0SE4	246703 *	7.63	974239 *	10.41	561567 *	14.28
05	C0SE5	269152	7.63	1.04831e *	10.41	640316 *	14.28
06	C0SE7	307333	7.63	1.21005e *	10.41	746791 *	14.28
07	A4D56DL	250247 *	7.63	972592 *	10.40	580397 *	14.28
08	C0SG9	138744 *	7.65	1.07789e *	10.43	651793 *	14.28
09	C0SH0	253980 *	7.63	977330 *	10.40	583400 *	14.28
10	C0SH1	255276 *	7.63	967605 *	10.41	585646 *	14.28
11	C0SH2	269230	7.63	1.02719e *	10.41	594694 *	14.28
12	C0SH3	258300 *	7.63	1.02124e *	10.41	628910 *	14.28
13	SBLK515	327744	7.63	1.26909e	10.40	764728 *	14.28
14	SBLK672	293724	7.63	1.11718e *	10.40	670793 *	14.28
15	A4D56DL2	280342	7.63	1.05388e *	10.40	611824 *	14.28
16	A4D47DL	286338	7.63	1.12294e *	10.41	688809 *	14.27
17	A4D48DL	280573	7.63	1.12108e *	10.40	708467 *	14.28
18	A4D58DL	273742	7.63	1.03022e *	10.41	614901 *	14.28
19	A4D82	292062	7.63	1.11451e *	10.40	657849 *	14.28
20	C0S32	311710	7.63	1.18e+00 *	10.40	705860 *	14.27
21	C0SK6	314972	7.63	1.18864e *	10.41	677396 *	14.27
22	E1GE1	320305	7.63	1.23656e	10.41	751078 *	14.27
23	E1G72	329381	7.63	1.29767e	10.40	801586 *	14.27

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN062424 SAS No.: BN062424 SDG NO.: BN062424

EPA Sample No.: SSTD020205 Date Analyzed: Jun 25 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 04:11

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	537524	7.687	2.44038e+01	10.47	1.62391e+001	14.33
UPPER LIMIT	1075048	8.187	4880760	10.969	3247820	14.828
LOWER LIMIT	268762	7.187	1220190	9.969	811955	13.828
EPA SAMPLE NO.						
24 E1G73	334486	7.63	1.26229e	10.40	743812 *	14.27
25 E08C4	329430	7.63	1.27506e	10.41	784271 *	14.27
26 SLCS672	314768	7.63	1.21166e *	10.40	729670 *	14.27
27 SLCS515	297098	7.63	1.13794e *	10.41	671628 *	14.27
28 SBLK513	277397	7.63	1.06176e *	10.40	616042 *	14.27
29 A4C64	305306	7.62	1.20368e *	10.40	717290 *	14.27

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.: BN062424 SAS No.: BN062424 SDG NO.: BN062424

EPA Sample No.: SSTD020304 Date Analyzed: Jun 24 2024 12:00AM

Lab File ID: BN032202.D Time Analyzed: 11:16

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	288325	7.628	1.10228e+01	10.41	657770	14.28
UPPER LIMIT	576650	8.128	2204560	10.905	1315540	14.775
LOWER LIMIT	144162.5	7.128	551140	9.905	328885	13.775
EPA SAMPLE NO.						
01 SBLK483	342362	7.63	1.313e+0	10.41	782449	14.28
02 C0AA5	271988	7.63	1.0523e+	10.41	637566	14.28
03 C0SB2	239944	7.63	939728	10.41	573864	14.28
04 C0SE4	246703	7.63	974239	10.41	561567	14.28
05 C0SE5	269152	7.63	1.04831e	10.41	640316	14.28
06 C0SE7	307333	7.63	1.21005e	10.41	746791	14.28
07 A4D56DL	250247	7.63	972592	10.40	580397	14.28
08 C0SG9	138744 *	7.65	1.07789e	10.43	651793	14.28
09 C0SH0	253980	7.63	977330	10.40	583400	14.28
10 C0SH1	255276	7.63	967605	10.41	585646	14.28
11 C0SH2	269230	7.63	1.02719e	10.41	594694	14.28
12 C0SH3	258300	7.63	1.02124e	10.41	628910	14.28

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN062424 SAS No.: BN062424 SDG NO.: BN062424

EPA Sample No.: SSTD020305 Date Analyzed: Jun 24 2024 12:00AM

Lab File ID: BN032215.D Time Analyzed: 20:59

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	277275	7.628	1.1106e+00	10.40	696666	14.28
UPPER LIMIT	554550	8.128	2221200	10.904	1393332	14.775
LOWER LIMIT	138637.5	7.128	555300	9.904	348333	13.775
EPA SAMPLE NO.						
01 SBLK515	327744	7.63	1.26909e	10.40	764728	14.28
02 SBLK672	293724	7.63	1.11718e	10.40	670793	14.28
03 A4D56DL2	280342	7.63	1.05388e	10.40	611824	14.28
04 A4D47DL	286338	7.63	1.12294e	10.41	688809	14.27
05 A4D48DL	280573	7.63	1.12108e	10.40	708467	14.28
06 A4D58DL	273742	7.63	1.03022e	10.41	614901	14.28
07 A4D82	292062	7.63	1.11451e	10.40	657849	14.28
08 C0S32	311710	7.63	1.18e+00	10.40	705860	14.27
09 C0SK6	314972	7.63	1.18864e	10.41	677396	14.27
10 E1GE1	320305	7.63	1.23656e	10.41	751078	14.27
11 E1G72	329381	7.63	1.29767e	10.40	801586	14.27
12 E1G73	334486	7.63	1.26229e	10.40	743812	14.27
13 E08C4	329430	7.63	1.27506e	10.41	784271	14.27
14 SLCS672	314768	7.63	1.21166e	10.40	729670	14.27
15 SLCS515	297098	7.63	1.13794e	10.41	671628	14.27

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.: BN062424 SAS No.: BN062424 SDG NO.: BN062424

EPA Sample No.: SSTD020306 Date Analyzed: Jun 25 2024 12:00AM

Lab File ID: BN032231.D Time Analyzed: 08:06

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	298850	7.628	1.13875e+01	10.41	679576	14.27
UPPER LIMIT	597700	8.128	2277500	10.905	1359152	14.769
LOWER LIMIT	149425	7.128	569375	9.905	339788	13.769
EPA SAMPLE NO.						
01 SBLK513	277397	7.63	1.06176e	10.40	616042	14.27
02 A4C64	305306	7.62	1.20368e	10.40	717290	14.27

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.: BN062424 SAS No.: BN062424 SDG NO.: BN062424

EPA Sample No.: SSTD020205 Date Analyzed: Jun 24 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 11:16

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	3.4478e+00	17.069	3.17344e+	21.304	3.57577e+0	24.245
	UPPER LIMIT	6895600	17.569	6346880	21.804	7151540	24.745
	LOWER LIMIT	1723900	16.569	1586720	20.804	1787885	23.745
	EPA SAMPLE NO.						
01	SBLK483	1.5608e*	17.03	1.55298e+ *	21.27	1.87884e+	24.19
02	C0AA5	1.3026e*	17.03	1.2362e+0 *	21.26	1.46203e+ *	24.18
03	C0SB2	1.1762e*	17.03	1.15343e+ *	21.26	1.3639e+0 *	24.18
04	C0SE4	1.1579e*	17.03	1.12046e+ *	21.26	1.30869e+ *	24.18
05	C0SE5	1.31175*	17.03	1.2971e+0 *	21.26	1.53782e+ *	24.17
06	C0SE7	1.54443*	17.03	1.44895e+ *	21.26	1.73584e+ *	24.18
07	A4D56DL	1.15047*	17.03	990637 *	21.27	1.27005e+ *	24.19
08	C0SG9	1.25152*	17.03	1.13842e+ *	21.26	1.3444e+0 *	24.18
09	C0SH0	1.1816e*	17.03	1.11563e+ *	21.26	1.31289e+ *	24.18
10	C0SH1	1.19242*	17.03	1.15891e+ *	21.26	1.33935e+ *	24.17
11	C0SH2	1.19444*	17.03	1.14952e+ *	21.26	1.3738e+0 *	24.17
12	C0SH3	1.28301*	17.03	1.25312e+ *	21.26	1.48099e+ *	24.17
13	SBLK515	1.59673*	17.03	1.56278e+ *	21.26	1.8619e+0	24.18
14	SBLK672	1.35925*	17.02	1.317e+00 *	21.26	1.55471e+ *	24.17
15	A4D56DL2	1.24719*	17.03	1.16852e+ *	21.26	1.42125e+ *	24.17
16	A4D47DL	1.43813*	17.03	1.41323e+ *	21.26	1.67838e+ *	24.17
17	A4D48DL	1.47972*	17.03	1.39224e+ *	21.26	1.64689e+ *	24.17
18	A4D58DL	1.28633*	17.03	1.19902e+ *	21.26	1.46248e+ *	24.17
19	A4D82	1.32681*	17.02	1.2684e+0 *	21.26	1.51939e+ *	24.17
20	C0S32	1.42383*	17.02	1.38429e+ *	21.26	1.62941e+ *	24.17
21	C0SK6	1.39552*	17.02	1.34408e+ *	21.26	1.56749e+ *	24.17

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN062424 SAS No.: BN062424 SDG NO.: BN062424

EPA Sample No.: SSTD020205 Date Analyzed: Jun 25 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 02:52

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	3.4478e+00	17.069	3.17344e+	21.304	3.57577e+0	24.245
UPPER LIMIT	6895600	17.569	6346880	21.804	7151540	24.745
LOWER LIMIT	1723900	16.569	1586720	20.804	1787885	23.745
EPA SAMPLE NO.						
22 E1GE1	1.51914*	17.02	1.42689e+ *	21.26	1.70247e+ *	24.17
23 E1G72	1.64531*	17.02	1.55079e+ *	21.26	1.84385e+	24.17
24 E1G73	1.51763*	17.02	1.40879e+ *	21.26	1.69521e+ *	24.17
25 E08C4	1.58175*	17.02	1.52642e+ *	21.26	1.78289e+ *	24.17
26 SLCS672	1.45357*	17.02	1.2896e+0 *	21.26	1.54974e+ *	24.17
27 SLCS515	1.37625*	17.02	1.23122e+ *	21.26	1.4691e+0 *	24.17
28 SBLK513	1.25798*	17.02	1.21127e+ *	21.26	1.40065e+ *	24.17
29 A4C64	1.44682*	17.02	1.33313e+ *	21.26	1.56936e+ *	24.17

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN062424 SAS No.: BN062424 SDG NO.: BN062424

EPA Sample No.: SSTD020304 Date Analyzed: Jun 24 2024 12:00AM

Lab File ID: BN032202.D Time Analyzed: 11:16

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	1.30967e+01	17.028	1.25412e+	21.269	1.57039e+01	24.186
	UPPER LIMIT	2619340	17.528	2508240	21.769	3140780	24.686
	LOWER LIMIT	654835	16.528	627060	20.769	785195	23.686
	EPA SAMPLE NO.						
01	SBLK483	1.5608e	17.03	1.55298e+	21.27	1.87884e+	24.19
02	C0AA5	1.3026e	17.03	1.2362e+0	21.26	1.46203e+	24.18
03	C0SB2	1.1762e	17.03	1.15343e+	21.26	1.3639e+0	24.18
04	C0SE4	1.1579e	17.03	1.12046e+	21.26	1.30869e+	24.18
05	C0SE5	1.31175	17.03	1.2971e+0	21.26	1.53782e+	24.17
06	C0SE7	1.54443	17.03	1.44895e+	21.26	1.73584e+	24.18
07	A4D56DL	1.15047	17.03	990637	21.27	1.27005e+	24.19
08	C0SG9	1.25152	17.03	1.13842e+	21.26	1.3444e+0	24.18
09	C0SH0	1.1816e	17.03	1.11563e+	21.26	1.31289e+	24.18
10	C0SH1	1.19242	17.03	1.15891e+	21.26	1.33935e+	24.17
11	C0SH2	1.19444	17.03	1.14952e+	21.26	1.3738e+0	24.17
12	C0SH3	1.28301	17.03	1.25312e+	21.26	1.48099e+	24.17

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN062424 SAS No.: BN062424 SDG NO.: BN062424

EPA Sample No.: SSTD020305 Date Analyzed: Jun 24 2024 12:00AM

Lab File ID: BN032215.D Time Analyzed: 20:59

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	1.41828e+01	17.028	1.33741e+	21.263	1.60224e+01	24.174
	UPPER LIMIT	2836560	17.528	2674820	21.763	3204480	24.674
	LOWER LIMIT	709140	16.528	668705	20.763	801120	23.674
	EPA SAMPLE NO.						
01	SBLK515	1.59673	17.03	1.56278e+	21.26	1.8619e+0	24.18
02	SBLK672	1.35925	17.02	1.317e+00	21.26	1.55471e+	24.17
03	A4D56DL2	1.24719	17.03	1.16852e+	21.26	1.42125e+	24.17
04	A4D47DL	1.43813	17.03	1.41323e+	21.26	1.67838e+	24.17
05	A4D48DL	1.47972	17.03	1.39224e+	21.26	1.64689e+	24.17
06	A4D58DL	1.28633	17.03	1.19902e+	21.26	1.46248e+	24.17
07	A4D82	1.32681	17.02	1.2684e+0	21.26	1.51939e+	24.17
08	C0S32	1.42383	17.02	1.38429e+	21.26	1.62941e+	24.17
09	C0SK6	1.39552	17.02	1.34408e+	21.26	1.56749e+	24.17
10	E1GE1	1.51914	17.02	1.42689e+	21.26	1.70247e+	24.17
11	E1G72	1.64531	17.02	1.55079e+	21.26	1.84385e+	24.17
12	E1G73	1.51763	17.02	1.40879e+	21.26	1.69521e+	24.17
13	E08C4	1.58175	17.02	1.52642e+	21.26	1.78289e+	24.17
14	SLCS672	1.45357	17.02	1.2896e+0	21.26	1.54974e+	24.17
15	SLCS515	1.37625	17.02	1.23122e+	21.26	1.4691e+0	24.17

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN062424 SAS No.: BN062424 SDG NO.: BN062424

EPA Sample No.: SSTD020305 Date Analyzed: Jun 25 2024 12:00AM

Lab File ID: BN032215.D Time Analyzed: 06:08

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.41828e+01	17.028	1.33741e+01	21.263	1.60224e+01	24.174
UPPER LIMIT	2836560	17.528	2674820	21.763	3204480	24.674
LOWER LIMIT	709140	16.528	668705	20.763	801120	23.674
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN062424 SAS No.: BN062424 SDG NO.: BN062424

EPA Sample No.: SSTD020306 Date Analyzed: Jun 25 2024 12:00AM

Lab File ID: BN032231.D Time Analyzed: 08:06

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	1.32097e+01	17.022	1.27537e+	21.263	1.54769e+01	24.174
UPPER LIMIT	2641940	17.522	2550740	21.763	3095380	24.674
LOWER LIMIT	660485	16.522	637685	20.763	773845	23.674
EPA SAMPLE NO.						
01 SBLK513	1.25798	17.02	1.21127e+	21.26	1.40065e+	24.17
02 A4C64	1.44682	17.02	1.33313e+	21.26	1.56936e+	24.17

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN062424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161515BS	1,4-Dioxane	16	10	ug/L	63				0	0		
	Benzaldehyde	40	29	ug/L	73				0	0		
	Pyridine	40	25	ug/L	63				0	0		
	Phenol	40	27	ug/L	68				0	0		
	Bis(2-chloroethyl)ether	40	26	ug/L	65				0	0		
	2-Chlorophenol	40	30	ug/L	75				0	0		
	2-Methylphenol	40	26	ug/L	65				0	0		
	2,2-oxybis(1-Chloropropane)	40	24	ug/L	60				0	0		
	Acetophenone	40	27	ug/L	68				0	0		
	4-Methylphenol	40	26	ug/L	65				0	0		
	N-Nitroso-di-n-propylamine	40	23	ug/L	58				0	0		
	Hexachloroethane	40	30	ug/L	75				0	0		
	Nitrobenzene	40	29	ug/L	73				0	0		
	Isophorone	40	25	ug/L	63				0	0		
	2-Nitrophenol	40	34	ug/L	85				0	0		
	2,4-Dimethylphenol	40	25	ug/L	63				0	0		
	Bis(2-chloroethoxy)methane	40	27	ug/L	68				0	0		
	2,4-Dichlorophenol	40	32	ug/L	80				0	0		
	Naphthalene	40	31	ug/L	78				0	0		
	4-Chloroaniline	40	26	ug/L	65				0	0		
	Hexachlorobutadiene	40	35	ug/L	88				0	0		
	Caprolactam	40	27	ug/L	68				0	0		
	4-Chloro-3-methylphenol	40	28	ug/L	70				0	0		
	1-Methylnaphthalene	40	30	ug/L	75				0	0		
	2-Methylnaphthalene	40	30	ug/L	75				0	0		
	Hexachlorocyclopentadiene	40	20	ug/L	50				0	0		
	2,4,6-Trichlorophenol	40	33	ug/L	83				0	0		
	2,4,5-Trichlorophenol	40	33	ug/L	83				0	0		
	1,1'-Biphenyl	40	33	ug/L	83				0	0		
	2-Chloronaphthalene	40	33	ug/L	83				0	0		
	2-Nitroaniline	40	29	ug/L	73				0	0		
	Dimethylphthalate	40	31	ug/L	78				0	0		
	2,6-Dinitrotoluene	40	34	ug/L	85				0	0		
	Acenaphthylene	40	32	ug/L	80				0	0		
	3-Nitroaniline	40	34	ug/L	85				0	0		
	Acenaphthene	40	32	ug/L	80				0	0		
	2,4-Dinitrophenol	40	34	ug/L	85				0	0		
	4-Nitrophenol	40	31	ug/L	78				0	0		
	Dibenzofuran	40	33	ug/L	83				0	0		
	2,4-Dinitrotoluene	40	33	ug/L	83				0	0		
	Diethylphthalate	40	31	ug/L	78				0	0		
	Fluorene	40	32	ug/L	80				0	0		
	4-Chlorophenyl-phenylether	40	33	ug/L	83				0	0		
	4-Nitroaniline	40	39	ug/L	98				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN062424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161515BS	4,6-Dinitro-2-methylphenol	40	36	ug/L	90				0	0		
	N-Nitrosodiphenylamine	40	33	ug/L	83				0	0		
	1,2,4,5-Tetrachlorobenzene	40	36	ug/L	90				0	0		
	4-Bromophenyl-phenylether	40	33	ug/L	83				0	0		
	Hexachlorobenzene	40	34	ug/L	85				0	0		
	Atrazine	40	13	ug/L	33				0	0		
	Pentachlorophenol	40	28	ug/L	70				0	0		
	Phenanthrene	40	32	ug/L	80				0	0		
	Pentachlorobenzene	40	35	ug/L	88				0	0		
	Anthracene	40	31	ug/L	78				0	0		
	1,2,3,4-Tetrachlorobenzene	40	35	ug/L	88				0	0		
	Carbazole	40	35	ug/L	88				0	0		
	Di-n-butylphthalate	40	32	ug/L	80				0	0		
	Fluoranthene	40	33	ug/L	83				0	0		
	Pyrene	40	34	ug/L	85				0	0		
	Butylbenzylphthalate	40	32	ug/L	80				0	0		
	3,3'-Dichlorobenzidine	40	35	ug/L	88				0	0		
	Benzo(a)anthracene	40	33	ug/L	83				0	0		
	Chrysene	40	33	ug/L	83				0	0		
	Bis(2-ethylhexyl)phthalate	40	31	ug/L	78				0	0		
	Di-n-octylphthalate	40	31	ug/L	78				0	0		
	Benzo(b)fluoranthene	40	31	ug/L	78				0	0		
	Benzo(k)fluoranthene	40	33	ug/L	83				0	0		
	Benzo(a)pyrene	40	30	ug/L	75				0	0		
	Indeno(1,2,3-cd)pyrene	40	36	ug/L	90				0	0		
	Dibenzo(a,h)anthracene	40	36	ug/L	90				0	0		
	Benzo(g,h,i)perylene	40	35	ug/L	88				0	0		
	2,3,4,6-Tetrachlorophenol	40	31	ug/L	78				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN062424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161672BS	1,4-Dioxane	16	9.8	ug/L	61				0	0		
	Benzaldehyde	40	28	ug/L	70				0	0		
	Pyridine	40	25	ug/L	63				0	0		
	Phenol	40	27	ug/L	68				0	0		
	Bis(2-chloroethyl)ether	40	26	ug/L	65				0	0		
	2-Chlorophenol	40	30	ug/L	75				0	0		
	2-Methylphenol	40	26	ug/L	65				0	0		
	2,2-oxybis(1-Chloropropane)	40	24	ug/L	60				0	0		
	Acetophenone	40	26	ug/L	65				0	0		
	4-Methylphenol	40	26	ug/L	65				0	0		
	N-Nitroso-di-n-propylamine	40	23	ug/L	58				0	0		
	Hexachloroethane	40	30	ug/L	75				0	0		
	Nitrobenzene	40	29	ug/L	73				0	0		
	Isophorone	40	26	ug/L	65				0	0		
	2-Nitrophenol	40	34	ug/L	85				0	0		
	2,4-Dimethylphenol	40	26	ug/L	65				0	0		
	Bis(2-chloroethoxy)methane	40	27	ug/L	68				0	0		
	2,4-Dichlorophenol	40	33	ug/L	83				0	0		
	Naphthalene	40	31	ug/L	78				0	0		
	4-Chloroaniline	40	26	ug/L	65				0	0		
	Hexachlorobutadiene	40	35	ug/L	88				0	0		
	Caprolactam	40	26	ug/L	65				0	0		
	4-Chloro-3-methylphenol	40	29	ug/L	73				0	0		
	1-Methylnaphthalene	40	30	ug/L	75				0	0		
	2-Methylnaphthalene	40	30	ug/L	75				0	0		
	Hexachlorocyclopentadiene	40	21	ug/L	52				0	0		
	2,4,6-Trichlorophenol	40	32	ug/L	80				0	0		
	2,4,5-Trichlorophenol	40	32	ug/L	80				0	0		
	1,1'-Biphenyl	40	32	ug/L	80				0	0		
	2-Chloronaphthalene	40	32	ug/L	80				0	0		
	2-Nitroaniline	40	28	ug/L	70				0	0		
	Dimethylphthalate	40	31	ug/L	78				0	0		
	2,6-Dinitrotoluene	40	32	ug/L	80				0	0		
	Acenaphthylene	40	31	ug/L	78				0	0		
	3-Nitroaniline	40	33	ug/L	83				0	0		
	Acenaphthene	40	31	ug/L	78				0	0		
	2,4-Dinitrophenol	40	33	ug/L	83				0	0		
	4-Nitrophenol	40	30	ug/L	75				0	0		
	Dibenzofuran	40	32	ug/L	80				0	0		
	2,4-Dinitrotoluene	40	32	ug/L	80				0	0		
	Diethylphthalate	40	30	ug/L	75				0	0		
	Fluorene	40	31	ug/L	78				0	0		
	4-Chlorophenyl-phenylether	40	31	ug/L	78				0	0		
	4-Nitroaniline	40	37	ug/L	93				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN062424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161672BS	4,6-Dinitro-2-methylphenol	40	36	ug/L	90				0	0		
	N-Nitrosodiphenylamine	40	33	ug/L	83				0	0		
	1,2,4,5-Tetrachlorobenzene	40	35	ug/L	88				0	0		
	4-Bromophenyl-phenylether	40	34	ug/L	85				0	0		
	Hexachlorobenzene	40	34	ug/L	85				0	0		
	Atrazine	40	13	ug/L	33				0	0		
	Pentachlorophenol	40	28	ug/L	70				0	0		
	Phenanthrene	40	32	ug/L	80				0	0		
	Pentachlorobenzene	40	35	ug/L	88				0	0		
	Anthracene	40	31	ug/L	78				0	0		
	1,2,3,4-Tetrachlorobenzene	40	35	ug/L	88				0	0		
	Carbazole	40	35	ug/L	88				0	0		
	Di-n-butylphthalate	40	31	ug/L	78				0	0		
	Fluoranthene	40	33	ug/L	83				0	0		
	Pyrene	40	34	ug/L	85				0	0		
	Butylbenzylphthalate	40	31	ug/L	78				0	0		
	3,3'-Dichlorobenzidine	40	34	ug/L	85				0	0		
	Benzo(a)anthracene	40	32	ug/L	80				0	0		
	Chrysene	40	33	ug/L	83				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	31	ug/L	78				0	0		
	Benzo(k)fluoranthene	40	31	ug/L	78				0	0		
	Benzo(a)pyrene	40	29	ug/L	73				0	0		
	Indeno(1,2,3-cd)pyrene	40	34	ug/L	85				0	0		
	Dibenzo(a,h)anthracene	40	34	ug/L	85				0	0		
	Benzo(g,h,i)perylene	40	34	ug/L	85				0	0		
	2,3,4,6-Tetrachlorophenol	40	30	ug/L	75				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK483

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN062424

SAS No.: BN062424 SDG NO.: BN062424

Lab File ID: BN032203.D

Lab Sample ID: PB161483BL

Instrument ID: BNA_N

Date Extracted: 06/13/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/24/2024

Level: (low/med) LOW

Time Analyzed: 11:16

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0SB2	P2856-01	BN032205.D	06/24/2024
C0SE4	P2856-02	BN032206.D	06/24/2024
C0SE5	P2856-03	BN032207.D	06/24/2024
C0SE7	P2856-04	BN032208.D	06/24/2024
C0SG9	P2856-07	BN032210.D	06/24/2024
C0SH0	P2856-08	BN032211.D	06/24/2024
C0SH1	P2856-09	BN032212.D	06/24/2024
C0SH2	P2856-10	BN032213.D	06/24/2024
C0SH3	P2856-11	BN032214.D	06/24/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK513

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN062424

SAS No.: BN062424 SDG NO.: BN062424

Lab File ID: BN032232.D

Lab Sample ID: PB161513BL

Instrument ID: BNA_N

Date Extracted: 06/14/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/25/2024

Level: (low/med) LOW

Time Analyzed: 08:06

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4C64	P2844-12	BN032233.D	06/25/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK515

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN062424

SAS No.: BN062424 SDG NO.: BN062424

Lab File ID: BN032216.D

Lab Sample ID: PB161515BL

Instrument ID: BNA_N

Date Extracted: 06/17/2024

Matrix: (soil/water) Water

Date Analyzed: 06/24/2024

Level: (low/med) LOW

Time Analyzed: 20:59

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4D82	P2844-17	BN032222.D	06/25/2024
C0S32	P2873-01	BN032223.D	06/25/2024
C0SK6	P2873-18	BN032224.D	06/25/2024
PB161515BS	PB161515BS	BN032230.D	06/25/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

C0AA5

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN062424

SAS No.: BN062424 SDG NO.: BN062424

Lab File ID: BN032204.D

Lab Sample ID: P2899-03

Instrument ID: BNA_N

Date Extracted: 06/18/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/24/2024

Level: (low/med) LOW

Time Analyzed: 11:55

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AA5	P2899-03	BN032204.D	06/24/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK672

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN062424

SAS No.: BN062424 SDG NO.: BN062424

Lab File ID: BN032217.D

Lab Sample ID: PB161672BL

Instrument ID: BNA_N

Date Extracted: 06/24/2024

Matrix: (soil/water) Water

Date Analyzed: 06/24/2024

Level: (low/med) LOW

Time Analyzed: 21:38

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1G61	P2961-16	BN032225.D	06/25/2024
E1G72	P2961-17	BN032226.D	06/25/2024
E1G73	P2961-18	BN032227.D	06/25/2024
E08C4	P3037-01	BN032228.D	06/25/2024
PB161672BS	PB161672BS	BN032229.D	06/25/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BN062424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2775-18DL	A4D47DL	BN032219.D	1,4-Dioxane-d8	8	4.43	55		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	21.65	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.25	51		10	150
			2-Chlorophenol-d4	40	25.27	63		15	120
			4-Methylphenol-d8	40	20.67	52		10	140
			Nitrobenzene-d5	40	24.19	60		10	135
			2-Nitrophenol-d4	40	22.50	56		10	120
			2,4-Dichlorophenol-d3	40	21.68	54		10	140
			4-Chloroaniline-d4	40	14.59	36		1	145
			Dimethylphthalate-d6	40	28.10	70		10	145
			Acenaphthylene-d8	40	26.04	65		15	120
			4-Nitrophenol-d4	40	16.14	40		10	150
			Fluorene-d10	40	30.02	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	30.78	77		10	150
			Pyrene-d10	40	26.37	66		10	130
			Benzo(a)pyrene-d12	40	18.57	46		10	140
P2775-19DL	A4D48DL	BN032220.D	1,4-Dioxane-d8	8	4.71	59		15	120
			Pyridine-d5	40	3.53	9	*	20	120
			Phenol-d5	40	23.07	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.21	51		10	150
			2-Chlorophenol-d4	40	25.94	65		15	120
			4-Methylphenol-d8	40	22.22	56		10	140
			Nitrobenzene-d5	40	25.05	63		10	135
			2-Nitrophenol-d4	40	24.35	61		10	120
			2,4-Dichlorophenol-d3	40	24.40	61		10	140
			4-Chloroaniline-d4	40	16.79	42		1	145
			Dimethylphthalate-d6	40	27.77	69		10	145
			Acenaphthylene-d8	40	26.74	67		15	120
			4-Nitrophenol-d4	40	20.41	51		10	150
			Fluorene-d10	40	29.15	73		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.80	34		10	130
			Anthracene-d10	40	31.62	79		10	150
			Pyrene-d10	40	29.17	73		10	130
			Benzo(a)pyrene-d12	40	21.37	53		10	140
P2775-21DL	A4D58DL	BN032221.D	1,4-Dioxane-d8	8	4.08	51		15	120
			Pyridine-d5	40	2.97	7	*	20	120
			Phenol-d5	40	19.58	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.70	44		10	150
			2-Chlorophenol-d4	40	21.84	55		15	120
			4-Methylphenol-d8	40	18.66	47		10	140
			Nitrobenzene-d5	40	22.61	57		10	135
			2-Nitrophenol-d4	40	21.88	55		10	120
			2,4-Dichlorophenol-d3	40	20.79	52		10	140
			4-Chloroaniline-d4	40	16.31	41		1	145
			Dimethylphthalate-d6	40	26.06	65		10	145
			Acenaphthylene-d8	40	24.95	62		15	120
			4-Nitrophenol-d4	40	15.35	38		10	150

Surrogate Summary

SW-846

SDG No.: BN062424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2775-21DL	A4D58DL	BN032221.D	Fluorene-d10	40	27.93	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.18	28		10	130
			Anthracene-d10	40	28.09	70		10	150
			Pyrene-d10	40	25.48	64		10	130
			Benzo(a)pyrene-d12	40	18.17	45		10	140
P2775-24DL	A4D56DL	BN032209.D	1,4-Dioxane-d8	8	4.80	60		15	120
			Pyridine-d5	40	10.41	26		20	120
			Phenol-d5	40	24.18	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.65	57		10	150
			2-Chlorophenol-d4	40	27.83	70		15	120
			4-Methylphenol-d8	40	23.84	60		10	140
			Nitrobenzene-d5	40	27.47	69		10	135
			2-Nitrophenol-d4	40	26.44	66		10	120
			2,4-Dichlorophenol-d3	40	27.23	68		10	140
			4-Chloroaniline-d4	40	18.83	47		1	145
			Dimethylphthalate-d6	40	30.35	76		10	145
			Acenaphthylene-d8	40	29.82	75		15	120
			4-Nitrophenol-d4	40	17.72	44		10	150
			Fluorene-d10	40	31.91	80		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.74	32		10	130
			Anthracene-d10	40	33.97	85		10	150
			Pyrene-d10	40	30.54	76		10	130
			Benzo(a)pyrene-d12	40	22.78	57		10	140
P2775-24DL2	A4D56DL2	BN032218.D	1,4-Dioxane-d8	8	4.59	57		15	120
			Pyridine-d5	40	15.66	39		20	120
			Phenol-d5	40	21.69	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.28	58		10	150
			2-Chlorophenol-d4	40	24.78	62		15	120
			4-Methylphenol-d8	40	20.43	51		10	140
			Nitrobenzene-d5	40	27.39	68		10	135
			2-Nitrophenol-d4	40	23.82	60		10	120
			2,4-Dichlorophenol-d3	40	21.54	54		10	140
			4-Chloroaniline-d4	40	18.54	46		1	145
			Dimethylphthalate-d6	40	30.15	75		10	145
			Acenaphthylene-d8	40	28.26	71		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	31.98	80		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	35.58	89		10	150
			Pyrene-d10	40	30.72	77		10	130
			Benzo(a)pyrene-d12	40	22.23	56		10	140

Surrogate Summary

SW-846

SDG No.: BN062424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2856-01	C0SB2	BN032205.D	1,4-Dioxane-d8	8	3.65	46		15	120
			Pyridine-d5	40	5.33	13	*	20	120
			Phenol-d5	40	18.50	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.35	43		10	150
			2-Chlorophenol-d4	40	21.51	54		15	120
			4-Methylphenol-d8	40	18.99	47		10	140
			Nitrobenzene-d5	40	22.87	57		10	135
			2-Nitrophenol-d4	40	23.74	59		10	120
			2,4-Dichlorophenol-d3	40	21.42	54		10	140
			4-Chloroaniline-d4	40	20.28	51		1	145
			Dimethylphthalate-d6	40	23.66	59		10	145
			Acenaphthylene-d8	40	23.63	59		15	120
			4-Nitrophenol-d4	40	18.37	46		10	150
			Fluorene-d10	40	24.20	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.97	45		10	130
			Anthracene-d10	40	26.02	65		10	150
			Pyrene-d10	40	24.07	60		10	130
			Benzo(a)pyrene-d12	40	24.49	61		10	140
P2856-02	C0SE4	BN032206.D	1,4-Dioxane-d8	8	4.20	52		15	120
			Pyridine-d5	40	19.23	48		20	120
			Phenol-d5	40	21.48	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.35	81		10	150
			2-Chlorophenol-d4	40	23.70	59		15	120
			4-Methylphenol-d8	40	20.62	52		10	140
			Nitrobenzene-d5	40	24.95	62		10	135
			2-Nitrophenol-d4	40	25.29	63		10	120
			2,4-Dichlorophenol-d3	40	23.29	58		10	140
			4-Chloroaniline-d4	40	22.16	55		1	145
			Dimethylphthalate-d6	40	23.97	60		10	145
			Acenaphthylene-d8	40	25.11	63		15	120
			4-Nitrophenol-d4	40	20.34	51		10	150
			Fluorene-d10	40	24.63	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.79	44		10	130
			Anthracene-d10	40	25.95	65		10	150
			Pyrene-d10	40	23.62	59		10	130
			Benzo(a)pyrene-d12	40	24.89	62		10	140
P2856-03	C0SE5	BN032207.D	1,4-Dioxane-d8	8	2.72	34		15	120
			Pyridine-d5	40	12.57	31		20	120
			Phenol-d5	40	13.98	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.04	33		10	150
			2-Chlorophenol-d4	40	16.18	40		15	120
			4-Methylphenol-d8	40	14.17	35		10	140
			Nitrobenzene-d5	40	16.74	42		10	135
			2-Nitrophenol-d4	40	17.29	43		10	120
			2,4-Dichlorophenol-d3	40	15.69	39		10	140
			4-Chloroaniline-d4	40	15.99	40		1	145
			Dimethylphthalate-d6	40	16.93	42		10	145
			Acenaphthylene-d8	40	17.15	43		15	120
			4-Nitrophenol-d4	40	13.79	34		10	150

Surrogate Summary

SW-846

SDG No.: **BN062424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2856-03	C0SE5	BN032207.D	Fluorene-d10	40	17.28	43		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.19	28		10	130
			Anthracene-d10	40	18.30	46		10	150
			Pyrene-d10	40	16.87	42		10	130
			Benzo(a)pyrene-d12	40	17.31	43		10	140
P2856-04	C0SE7	BN032208.D	1,4-Dioxane-d8	8	3.15	39		15	120
			Pyridine-d5	40	15.32	38		20	120
			Phenol-d5	40	17.85	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.49	41		10	150
			2-Chlorophenol-d4	40	19.97	50		15	120
			4-Methylphenol-d8	40	18.57	46		10	140
			Nitrobenzene-d5	40	21.55	54		10	135
			2-Nitrophenol-d4	40	22.99	57		10	120
			2,4-Dichlorophenol-d3	40	20.26	51		10	140
			4-Chloroaniline-d4	40	20.72	52		1	145
			Dimethylphthalate-d6	40	22.20	56		10	145
			Acenaphthylene-d8	40	22.11	55		15	120
			4-Nitrophenol-d4	40	17.12	43		10	150
			Fluorene-d10	40	22.76	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.56	39		10	130
			Anthracene-d10	40	23.60	59		10	150
			Pyrene-d10	40	23.19	58		10	130
			Benzo(a)pyrene-d12	40	22.89	57		10	140
			1,4-Dioxane-d8	8	8.18	102		15	120
			Pyridine-d5	40	37.37	93		20	120
P2856-07	C0SG9	BN032210.D	Phenol-d5	40	79.84	200	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	283.84	710	*	10	150
			2-Chlorophenol-d4	40	13.75	34		15	120
			4-Methylphenol-d8	40	66.69	167	*	10	140
			Nitrobenzene-d5	40	26.59	66		10	135
			2-Nitrophenol-d4	40	23.56	59		10	120
			2,4-Dichlorophenol-d3	40	24.64	62		10	140
			4-Chloroaniline-d4	40	21.18	53		1	145
			Dimethylphthalate-d6	40	24.55	61		10	145
			Acenaphthylene-d8	40	25.89	65		15	120
			4-Nitrophenol-d4	40	19.60	49		10	150
			Fluorene-d10	40	25.03	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.37	48		10	130
			Anthracene-d10	40	26.93	67		10	150
			Pyrene-d10	40	25.84	65		10	130
			Benzo(a)pyrene-d12	40	25.58	64		10	140
			1,4-Dioxane-d8	8	4.03	50		15	120
			Pyridine-d5	40	17.32	43		20	120
			Phenol-d5	40	20.03	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.89	55		10	150
P2856-08	C0SH0	BN032211.D	2-Chlorophenol-d4	40	22.80	57		15	120
			4-Methylphenol-d8	40	19.57	49		10	140
			Nitrobenzene-d5	40	23.81	60		10	135
			2-Nitrophenol-d4	40	24.48	61		10	120

Surrogate Summary

SW-846

SDG No.: BN062424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2856-08	C0SH0	BN032211.D	2,4-Dichlorophenol-d3	40	22.30	56		10	140
			4-Chloroaniline-d4	40	22.13	55		1	145
			Dimethylphthalate-d6	40	22.72	57		10	145
			Acenaphthylene-d8	40	24.14	60		15	120
			4-Nitrophenol-d4	40	18.74	47		10	150
			Fluorene-d10	40	24.02	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.68	42		10	130
			Anthracene-d10	40	25.11	63		10	150
			Pyrene-d10	40	24.26	61		10	130
			Benzo(a)pyrene-d12	40	24.41	61		10	140
P2856-09	C0SH1	BN032212.D	1,4-Dioxane-d8	8	4.67	58		15	120
			Pyridine-d5	40	22.05	55		20	120
			Phenol-d5	40	23.56	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.48	54		10	150
			2-Chlorophenol-d4	40	27.02	68		15	120
			4-Methylphenol-d8	40	23.87	60		10	140
			Nitrobenzene-d5	40	29.29	73		10	135
			2-Nitrophenol-d4	40	30.21	76		10	120
			2,4-Dichlorophenol-d3	40	27.83	70		10	140
			4-Chloroaniline-d4	40	27.70	69		1	145
			Dimethylphthalate-d6	40	29.36	73		10	145
			Acenaphthylene-d8	40	29.33	73		15	120
			4-Nitrophenol-d4	40	22.47	56		10	150
			Fluorene-d10	40	29.38	73		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.14	50		10	130
			Anthracene-d10	40	31.31	78		10	150
			Pyrene-d10	40	29.12	73		10	130
			Benzo(a)pyrene-d12	40	30.38	76		10	140
P2856-10	C0SH2	BN032213.D	1,4-Dioxane-d8	8	4.07	51		15	120
			Pyridine-d5	40	12.33	31		20	120
			Phenol-d5	40	19.93	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.49	46		10	150
			2-Chlorophenol-d4	40	22.95	57		15	120
			4-Methylphenol-d8	40	19.84	50		10	140
			Nitrobenzene-d5	40	23.97	60		10	135
			2-Nitrophenol-d4	40	25.01	63		10	120
			2,4-Dichlorophenol-d3	40	22.33	56		10	140
			4-Chloroaniline-d4	40	23.09	58		1	145
			Dimethylphthalate-d6	40	24.54	61		10	145
			Acenaphthylene-d8	40	24.99	62		15	120
			4-Nitrophenol-d4	40	19.38	48		10	150
			Fluorene-d10	40	25.02	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.36	43		10	130
			Anthracene-d10	40	26.89	67		10	150
			Pyrene-d10	40	25.50	64		10	130
			Benzo(a)pyrene-d12	40	25.48	64		10	140
P2856-11	C0SH3	BN032214.D	1,4-Dioxane-d8	8	3.33	42		15	120
			Pyridine-d5	40	12.19	30		20	120
			Phenol-d5	40	17.50	44		10	130

Surrogate Summary

SW-846

SDG No.: BN062424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2856-11	C0SH3	BN032214.D	Bis(2-Chloroethyl)ether-d8	40	16.57	41		10	150
			2-Chlorophenol-d4	40	20.15	50		15	120
			4-Methylphenol-d8	40	18.11	45		10	140
			Nitrobenzene-d5	40	21.08	53		10	135
			2-Nitrophenol-d4	40	22.03	55		10	120
			2,4-Dichlorophenol-d3	40	20.00	50		10	140
			4-Chloroaniline-d4	40	20.76	52		1	145
			Dimethylphthalate-d6	40	22.20	55		10	145
			Acenaphthylene-d8	40	21.97	55		15	120
			4-Nitrophenol-d4	40	18.17	45		10	150
			Fluorene-d10	40	23.27	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.12	40		10	130
			Anthracene-d10	40	24.42	61		10	150
			Pyrene-d10	40	23.49	59		10	130
			Benzo(a)pyrene-d12	40	23.88	60		10	140
PB161483BL	PB161483BL	BN032203.D	1,4-Dioxane-d8	8	5.45	68		15	120
			Pyridine-d5	40	23.67	59		20	120
			Phenol-d5	40	24.76	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.88	57		10	150
			2-Chlorophenol-d4	40	28.48	71		15	120
			4-Methylphenol-d8	40	24.34	61		10	140
			Nitrobenzene-d5	40	30.19	75		10	135
			2-Nitrophenol-d4	40	32.34	81		10	120
			2,4-Dichlorophenol-d3	40	28.27	71		10	140
			4-Chloroaniline-d4	40	28.17	70		1	145
			Dimethylphthalate-d6	40	28.85	72		10	145
			Acenaphthylene-d8	40	29.38	73		15	120
			4-Nitrophenol-d4	40	27.37	68		10	150
			Fluorene-d10	40	28.89	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.29	66		10	130
			Anthracene-d10	40	30.94	77		10	150
			Pyrene-d10	40	28.98	72		10	130
			Benzo(a)pyrene-d12	40	30.18	75		10	140

Surrogate Summary

SW-846

SDG No.: BN062424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2844-12	A4C64	BN032233.D	Pyridine-d5	40	1.78	4	*	20	120
			1,4-Dioxane-d8	8	4.14	52		15	120
			Phenol-d5	40	22.05	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.14	50		10	150
			2-Chlorophenol-d4	40	25.25	63		15	120
			4-Methylphenol-d8	40	22.04	55		10	140
			Nitrobenzene-d5	40	25.95	65		10	135
			2-Nitrophenol-d4	40	26.66	67		10	120
			2,4-Dichlorophenol-d3	40	25.49	64		10	140
			4-Chloroaniline-d4	40	12.77	32		1	145
			Dimethylphthalate-d6	40	26.81	67		10	145
			Acenaphthylene-d8	40	27.23	68		15	120
			4-Nitrophenol-d4	40	23.33	58		10	150
			Fluorene-d10	40	28.05	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.29	56		10	130
			Anthracene-d10	40	29.98	75		10	150
			Pyrene-d10	40	26.60	67		10	130
			Benzo(a)pyrene-d12	40	21.45	54		10	140
PB161513BL	PB161513BL	BN032232.D	1,4-Dioxane-d8	8	5.60	70		15	120
			Pyridine-d5	40	25.88	65		20	120
			Phenol-d5	40	26.84	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.83	62		10	150
			2-Chlorophenol-d4	40	30.71	77		15	120
			4-Methylphenol-d8	40	26.03	65		10	140
			Nitrobenzene-d5	40	31.61	79		10	135
			2-Nitrophenol-d4	40	33.31	83		10	120
			2,4-Dichlorophenol-d3	40	29.61	74		10	140
			4-Chloroaniline-d4	40	29.83	75		1	145
			Dimethylphthalate-d6	40	31.72	79		10	145
			Acenaphthylene-d8	40	32.33	81		15	120
			4-Nitrophenol-d4	40	27.64	69		10	150
			Fluorene-d10	40	32.52	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.42	66		10	130
			Anthracene-d10	40	34.80	87		10	150
			Pyrene-d10	40	32.81	82		10	130
			Benzo(a)pyrene-d12	40	33.57	84		10	140

Surrogate Summary

SW-846

SDG No.: BN062424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2844-17	A4D82	BN032222.D	1,4-Dioxane-d8	8	4.56	57		15	120
			Pyridine-d5	40	7.40	19	*	20	120
			Phenol-d5	40	5.54	14		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.61	67		25	120
			2-Chlorophenol-d4	40	23.95	60		20	130
			4-Methylphenol-d8	40	12.73	32		25	125
			Nitrobenzene-d5	40	35.19	88		20	125
			2-Nitrophenol-d4	40	29.39	73		20	130
			2,4-Dichlorophenol-d3	40	28.01	70		20	120
			4-Chloroaniline-d4	40	26.27	66		1	146
			Dimethylphthalate-d6	40	34.93	87		25	130
			Acenaphthylene-d8	40	35.29	88		10	130
			4-Nitrophenol-d4	40	4.72	12		10	150
			Fluorene-d10	40	35.82	90		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.17	60		10	130
			Anthracene-d10	40	39.98	100		25	130
			Pyrene-d10	40	38.24	96		15	130
			Benzo(a)pyrene-d12	40	38.88	97		20	130
P2873-01	C0S32	BN032223.D	1,4-Dioxane-d8	8	4.70	59		15	120
			Pyridine-d5	40	6.60	17	*	20	120
			Phenol-d5	40	6.95	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.78	72		25	120
			2-Chlorophenol-d4	40	28.08	70		20	130
			4-Methylphenol-d8	40	15.99	40		25	125
			Nitrobenzene-d5	40	38.29	96		20	125
			2-Nitrophenol-d4	40	27.78	69		20	130
			2,4-Dichlorophenol-d3	40	31.29	78		20	120
			4-Chloroaniline-d4	40	29.48	74		1	146
			Dimethylphthalate-d6	40	38.00	95		25	130
			Acenaphthylene-d8	40	37.83	95		10	130
			4-Nitrophenol-d4	40	4.47	11		10	150
			Fluorene-d10	40	38.50	96		25	125
			4,6-Dinitro-2-methylphenol-d2	40	9.94	25		10	130
			Anthracene-d10	40	43.27	108		25	130
			Pyrene-d10	40	39.92	100		15	130
			Benzo(a)pyrene-d12	40	42.47	106		20	130
P2873-18	C0SK6	BN032224.D	1,4-Dioxane-d8	8	3.64	46		15	120
			Pyridine-d5	40	3.65	9	*	20	120
			Phenol-d5	40	5.45	14		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.06	63		25	120
			2-Chlorophenol-d4	40	23.84	60		20	130
			4-Methylphenol-d8	40	12.80	32		25	125
			Nitrobenzene-d5	40	33.25	83		20	125
			2-Nitrophenol-d4	40	33.39	83		20	130
			2,4-Dichlorophenol-d3	40	28.40	71		20	120
			4-Chloroaniline-d4	40	20.90	52		1	146
			Dimethylphthalate-d6	40	34.83	87		25	130
			Acenaphthylene-d8	40	34.53	86		10	130
			4-Nitrophenol-d4	40	5.68	14		10	150

Surrogate Summary

SW-846

SDG No.: BN062424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2873-18	C0SK6	BN032224.D	Fluorene-d10	40	35.55	89		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.30	86		10	130
			Anthracene-d10	40	41.05	103		25	130
			Pyrene-d10	40	38.73	97		15	130
			Benzo(a)pyrene-d12	40	40.31	101		20	130
PB161515BL	PB161515BL	BN032216.D	1,4-Dioxane-d8	8	5.37	67		15	120
			Pyridine-d5	40	22.77	57		20	120
			Phenol-d5	40	24.92	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.82	57		25	120
			2-Chlorophenol-d4	40	28.38	71		20	130
			4-Methylphenol-d8	40	24.26	61		25	125
			Nitrobenzene-d5	40	29.49	74		20	125
			2-Nitrophenol-d4	40	31.62	79		20	130
			2,4-Dichlorophenol-d3	40	28.28	71		20	120
			4-Chloroaniline-d4	40	22.63	57		1	146
			Dimethylphthalate-d6	40	29.50	74		25	130
			Acenaphthylene-d8	40	29.38	73		10	130
			4-Nitrophenol-d4	40	26.43	66		10	150
			Fluorene-d10	40	30.21	76		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.90	67		10	130
			Anthracene-d10	40	31.88	80		25	130
			Pyrene-d10	40	30.39	76		15	130
			Benzo(a)pyrene-d12	40	30.43	76		20	130
			1,4-Dioxane-d8	8	6.56	82		15	120
			Pyridine-d5	40	23.78	59		20	120
PB161515BS	PB161515BS	BN032230.D	Phenol-d5	40	26.83	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.83	62		25	120
			2-Chlorophenol-d4	40	30.34	76		20	130
			4-Methylphenol-d8	40	25.94	65		25	125
			Nitrobenzene-d5	40	32.97	82		20	125
			2-Nitrophenol-d4	40	35.28	88		20	130
			2,4-Dichlorophenol-d3	40	32.36	81		20	120
			4-Chloroaniline-d4	40	26.00	65		1	146
			Dimethylphthalate-d6	40	32.25	81		25	130
			Acenaphthylene-d8	40	32.87	82		10	130
			4-Nitrophenol-d4	40	30.47	76		10	150
			Fluorene-d10	40	32.62	82		25	125
			4,6-Dinitro-2-methylphenol-d2	40	35.71	89		10	130
			Anthracene-d10	40	32.02	80		25	130
			Pyrene-d10	40	33.41	84		15	130
			Benzo(a)pyrene-d12	40	33.36	83		20	130



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

Surrogate Summary

SW-846

SDG No.: BN062424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2899-03	C0AA5	BN032204.D	1,4-Dioxane-d8	8	0.36	4	*	15	120
			Pyridine-d5	40	2.86	7	*	20	120
			Phenol-d5	40	7.80	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	7.10	18		10	150
			2-Chlorophenol-d4	40	9.08	23		15	120
			4-Methylphenol-d8	40	7.65	19		10	140
			Nitrobenzene-d5	40	9.00	22		10	135
			2-Nitrophenol-d4	40	9.20	23		10	120
			2,4-Dichlorophenol-d3	40	8.41	21		10	140
			4-Chloroaniline-d4	40	5.99	15		1	145
			Dimethylphthalate-d6	40	8.97	22		10	145
			Acenaphthylene-d8	40	9.13	23		15	120
			4-Nitrophenol-d4	40	6.95	17		10	150
			Fluorene-d10	40	9.20	23		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.00	15		10	130
			Anthracene-d10	40	9.70	24		10	150
			Pyrene-d10	40	8.83	22		10	130
			Benzo(a)pyrene-d12	40	8.62	22		10	140

Surrogate Summary

SW-846

SDG No.: BN062424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2961-16	E1GE1	BN032225.D	1,4-Dioxane-d8	8	4.29	54		15	120
			Pyridine-d5	40	3.64	9	*	20	120
			Phenol-d5	40	10.74	27		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.13	75		25	120
			2-Chlorophenol-d4	40	34.68	87		20	130
			4-Methylphenol-d8	40	22.68	57		25	125
			Nitrobenzene-d5	40	39.67	99		20	125
			2-Nitrophenol-d4	40	40.90	102		20	130
			2,4-Dichlorophenol-d3	40	36.37	91		20	120
			4-Chloroaniline-d4	40	10.26	26		1	146
			Dimethylphthalate-d6	40	38.29	96		25	130
			Acenaphthylene-d8	40	36.76	92		10	130
			4-Nitrophenol-d4	40	9.89	25		10	150
			Fluorene-d10	40	38.10	95		25	125
			4,6-Dinitro-2-methylphenol-d2	40	37.27	93		10	130
			Anthracene-d10	40	41.98	105		25	130
			Pyrene-d10	40	41.68	104		15	130
			Benzo(a)pyrene-d12	40	42.06	105		20	130
P2961-17	E1G72	BN032226.D	1,4-Dioxane-d8	8	5.09	64		15	120
			Pyridine-d5	40	4.68	12	*	20	120
			Phenol-d5	40	9.80	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.12	83		25	120
			2-Chlorophenol-d4	40	36.99	92		20	130
			4-Methylphenol-d8	40	22.29	56		25	125
			Nitrobenzene-d5	40	43.36	108		20	125
			2-Nitrophenol-d4	40	44.98	112		20	130
			2,4-Dichlorophenol-d3	40	39.93	100		20	120
			4-Chloroaniline-d4	40	12.33	31		1	146
			Dimethylphthalate-d6	40	40.40	101		25	130
			Acenaphthylene-d8	40	40.91	102		10	130
			4-Nitrophenol-d4	40	9.37	23		10	150
			Fluorene-d10	40	40.38	101		25	125
			4,6-Dinitro-2-methylphenol-d2	40	42.01	105		10	130
			Anthracene-d10	40	43.88	110		25	130
			Pyrene-d10	40	42.24	106		15	130
			Benzo(a)pyrene-d12	40	43.76	109		20	130
P2961-18	E1G73	BN032227.D	1,4-Dioxane-d8	8	4.22	53		15	120
			Pyridine-d5	40	1.74	4	*	20	120
			Phenol-d5	40	7.69	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.81	70		25	120
			2-Chlorophenol-d4	40	30.33	76		20	130
			4-Methylphenol-d8	40	17.67	44		25	125
			Nitrobenzene-d5	40	36.23	91		20	125
			2-Nitrophenol-d4	40	38.06	95		20	130
			2,4-Dichlorophenol-d3	40	32.79	82		20	120
			4-Chloroaniline-d4	40	9.92	25		1	146
			Dimethylphthalate-d6	40	35.13	88		25	130
			Acenaphthylene-d8	40	35.62	89		10	130
			4-Nitrophenol-d4	40	7.69	19		10	150

Surrogate Summary

SW-846

SDG No.: BN062424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2961-18	E1G73	BN032227.D	Fluorene-d10	40	35.90	90		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.96	87		10	130
			Anthracene-d10	40	39.75	99		25	130
			Pyrene-d10	40	39.51	99		15	130
			Benzo(a)pyrene-d12	40	39.45	99		20	130
P3037-01	E08C4	BN032228.D	1,4-Dioxane-d8	8	3.77	47		15	120
			Pyridine-d5	40	5.08	13	*	20	120
			Phenol-d5	40	6.46	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.38	56		25	120
			2-Chlorophenol-d4	40	25.75	64		20	130
			4-Methylphenol-d8	40	15.30	38		25	125
			Nitrobenzene-d5	40	28.53	71		20	125
			2-Nitrophenol-d4	40	29.70	74		20	130
			2,4-Dichlorophenol-d3	40	28.36	71		20	120
			4-Chloroaniline-d4	40	4.36	11		1	146
			Dimethylphthalate-d6	40	31.00	77		25	130
			Acenaphthylene-d8	40	29.19	73		10	130
			4-Nitrophenol-d4	40	8.05	20		10	150
			Fluorene-d10	40	30.73	77		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.95	80		10	130
			Anthracene-d10	40	34.49	86		25	130
			Pyrene-d10	40	32.78	82		15	130
			Benzo(a)pyrene-d12	40	34.78	87		20	130
PB161672BL	PB161672BL	BN032217.D	1,4-Dioxane-d8	8	5.88	73		15	120
			Pyridine-d5	40	23.76	59		20	120
			Phenol-d5	40	26.74	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.38	61		25	120
			2-Chlorophenol-d4	40	30.40	76		20	130
			4-Methylphenol-d8	40	25.65	64		25	125
			Nitrobenzene-d5	40	31.88	80		20	125
			2-Nitrophenol-d4	40	33.73	84		20	130
			2,4-Dichlorophenol-d3	40	30.36	76		20	120
			4-Chloroaniline-d4	40	24.97	62		1	146
			Dimethylphthalate-d6	40	30.95	77		25	130
			Acenaphthylene-d8	40	31.32	78		10	130
			4-Nitrophenol-d4	40	27.50	69		10	150
			Fluorene-d10	40	31.94	80		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.13	70		10	130
			Anthracene-d10	40	34.01	85		25	130
			Pyrene-d10	40	32.96	82		15	130
			Benzo(a)pyrene-d12	40	33.49	84		20	130
PB161672BS	PB161672BS	BN032229.D	1,4-Dioxane-d8	8	6.53	82		15	120
			Pyridine-d5	40	23.97	60		20	120
			Phenol-d5	40	26.74	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.59	61		25	120
			2-Chlorophenol-d4	40	30.17	75		20	130
			4-Methylphenol-d8	40	26.19	65		25	125
			Nitrobenzene-d5	40	32.30	81		20	125
			2-Nitrophenol-d4	40	34.94	87		20	130



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

Surrogate Summary

SW-846

SDG No.: BN062424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161672BS	PB161672BS	BN032229.D	2,4-Dichlorophenol-d3	40	32.11	80		20	120
			4-Chloroaniline-d4	40	25.81	65		1	146
			Dimethylphthalate-d6	40	30.86	77		25	130
			Acenaphthylene-d8	40	31.96	80		10	130
			4-Nitrophenol-d4	40	29.19	73		10	150
			Fluorene-d10	40	31.29	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	35.08	88		10	130
			Anthracene-d10	40	32.04	80		25	130
			Pyrene-d10	40	33.25	83		15	130
			Benzo(a)pyrene-d12	40	32.32	81		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN062424

Lab Code: CHEM

SAS No.: BN062424

SDG NO.: BN062424

Lab File ID: BN032201.D

DFTPP Injection Date: 06/24/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	32
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	45.4
197	Less than 2.0% of mass 198	0.1
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	24.9
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	10.3
442	Greater than 50% of mass 198	69.2
443	15.0 - 24.0% of mass 442	12.9 (18.6) 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
SSTD020304	SSTDCCC020	BN032202.D	06/24/2024	10:37
SBLK483	PB161483BL	BN032203.D	06/24/2024	11:16
C0AA5	P2899-03	BN032204.D	06/24/2024	11:55
C0SB2	P2856-01	BN032205.D	06/24/2024	12:35
C0SE4	P2856-02	BN032206.D	06/24/2024	13:14
C0SE5	P2856-03	BN032207.D	06/24/2024	13:54
C0SE7	P2856-04	BN032208.D	06/24/2024	15:03
A4D56DL	P2775-24DL	BN032209.D	06/24/2024	15:43
C0SG9	P2856-07	BN032210.D	06/24/2024	16:22
C0SH0	P2856-08	BN032211.D	06/24/2024	17:02
C0SH1	P2856-09	BN032212.D	06/24/2024	17:41
C0SH2	P2856-10	BN032213.D	06/24/2024	18:21
C0SH3	P2856-11	BN032214.D	06/24/2024	19:00
SSTD020305	SSTDCCC020	BN032215.D	06/24/2024	20:19
SBLK515	PB161515BL	BN032216.D	06/24/2024	20:59
SBLK672	PB161672BL	BN032217.D	06/24/2024	21:38
A4D56DL2	P2775-24DL2	BN032218.D	06/24/2024	22:17
A4D47DL	P2775-18DL	BN032219.D	06/24/2024	22:56

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN062424

Lab Code: CHEM

SAS No.: BN062424 SDG NO.: BN062424

Lab File ID: BN032201.D

DFTPP Injection Date: 06/24/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	32
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	45.4
197	Less than 2.0% of mass 198	0.1
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	24.9
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	10.3
442	Greater than 50% of mass 198	69.2
443	15.0 - 24.0% of mass 442	12.9 (18.6) 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
A4D48DL	P2775-19DL	BN032220.D	06/24/2024	23:36
A4D58DL	P2775-21DL	BN032221.D	06/25/2024	00:15
A4D82	P2844-17	BN032222.D	06/25/2024	00:54
C0S32	P2873-01	BN032223.D	06/25/2024	01:34
C0SK6	P2873-18	BN032224.D	06/25/2024	02:13
E1GE1	P2961-16	BN032225.D	06/25/2024	02:52
E1G72	P2961-17	BN032226.D	06/25/2024	03:31
E1G73	P2961-18	BN032227.D	06/25/2024	04:11
E08C4	P3037-01	BN032228.D	06/25/2024	04:50
SLCS672	PB161672BS	BN032229.D	06/25/2024	05:29
SLCS515	PB161515BS	BN032230.D	06/25/2024	06:08
SSTD020306	SSTDCCC020	BN032231.D	06/25/2024	07:27
SBLK513	PB161513BL	BN032232.D	06/25/2024	08:06
A4C64	P2844-12	BN032233.D	06/25/2024	08:45