

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN062024 SAS No.: BN062024 SDG No.: BN062024

Instrument ID: BNA_N Calibration Date/Time: 6/20/2024 1:09:33

Lab File ID: BN032093.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020296 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	0.433	0.010	-16.2574	40.0
Benzaldehyde	0.804	0.842	0.010	4.6435	40.0
Pyridine	1.361	1.183	0.010	-13.0773	40.0
Phenol	1.745	1.656	0.080	-5.1228	20.0
Bis(2-Chloroethyl)ether	1.443	1.371	0.100	-4.9711	20.0
2-Chlorophenol	1.369	1.391	0.200	1.5686	20.0
2-Methylphenol	1.348	1.330	0.010	-1.3475	20.0
2,2-oxybis(1-Chloropropane)	1.661	1.532	0.010	-7.7493	40.0
Acetophenone	2.118	2.175	0.060	2.6867	20.0
4-Methylphenol	1.461	1.458	0.010	-0.1735	20.0
N-Nitroso-di-n-propylamine	1.098	1.017	0.050	-7.3661	30.0
Hexachloroethane	0.580	0.569	0.100	-1.8691	20.0
Nitrobenzene	0.364	0.332	0.050	-8.9923	25.0
Isophorone	0.747	0.639	0.050	-14.4991	25.0
2-Nitrophenol	0.173	0.174	0.050	0.5477	25.0
2,4-Dimethylphenol	0.336	0.319	0.050	-5.0463	25.0
Bis(2-Chloroethoxy)methane	0.466	0.420	0.050	-9.818	20.0
2,4-Dichlorophenol	0.291	0.302	0.060	3.8398	20.0
Naphthalene	1.035	1.029	0.200	-0.5723	20.0
4-Chloroaniline	0.425	0.419	0.010	-1.5154	40.0
Hexachlorobutadiene	0.175	0.185	0.040	5.7325	30.0
Caprolactam	0.114	0.098	0.010	-13.9213	40.0
4-Chloro-3-methylphenol	0.340	0.338	0.040	-0.5859	25.0
1-Methylnaphthalene	0.710	0.727	0.100	2.4196	20.0
2-Methylnaphthalene	0.708	0.728	0.100	2.9053	20.0
Hexachlorocyclopentadiene	0.305	0.259	0.010	-15.19	40.0
2,4,6-Trichlorophenol	0.359	0.362	0.090	0.9593	25.0
2,4,5-Trichlorophenol	0.390	0.390	0.100	0.0753	25.0
1,1-Biphenyl	1.407	1.389	0.200	-1.2383	20.0
2-Chloronaphthalene	1.102	1.090	0.300	-1.078	20.0
2-Nitroaniline	0.319	0.276	0.050	-13.6774	40.0
Dimethylphthalate	1.425	1.401	0.300	-1.6544	20.0
2,6-Dinitrotoluene	0.283	0.286	0.080	0.9531	30.0
Acenaphthylene	1.811	1.778	0.400	-1.8017	20.0
3-Nitroaniline	0.303	0.304	0.010	0.2202	40.0
Acenaphthene	1.198	1.183	0.200	-1.268	20.0
2,4-Dinitrophenol	0.143	0.119	0.010	-17.0591	40.0
4-Nitrophenol	0.207	0.194	0.010	-6.2647	40.0
Dibenzofuran	1.628	1.616	0.300	-0.7283	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN062024 SAS No.: BN062024 SDG No.: BN062024

Instrument ID: BNA_N Calibration Date/Time: 6/20/2024 1:09:33

Lab File ID: BN032093.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020296 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	0.411	0.070	-1.0571	30.0
Diethylphthalate	1.470	1.423	0.300	-3.2257	20.0
Fluorene	1.311	1.326	0.200	1.1319	20.0
4-Chlorophenyl-phenylether	0.635	0.658	0.100	3.7195	20.0
4-Nitroaniline	0.288	0.292	0.010	1.1924	40.0
4,6-Dinitro-2-methylphenol	0.107	0.100	0.010	-6.6373	40.0
N-Nitrosodiphenylamine	0.551	0.539	0.050	-2.2897	20.0
1,2,4,5-Tetrachlorobenzene	0.529	0.539	0.100	1.9592	20.0
4-Bromophenyl-phenylether	0.194	0.205	0.070	5.7111	20.0
Hexachlorobenzene	0.220	0.235	0.050	7.0491	25.0
Atrazine	0.174	0.156	0.010	-10.2896	25.0
Pentachlorophenol	0.141	0.136	0.010	-3.5447	40.0
Phenanthrene	1.019	1.011	0.200	-0.738	20.0
Pentachlorobenzene	0.251	0.269	0.050	7.2215	20.0
Anthracene	1.032	1.041	0.200	0.8692	20.0
1,2,3,4-Tetrachlorobenzene	0.257	0.260	0.050	1.0423	20.0
Carbazole	0.880	0.935	0.050	6.1925	40.0
Di-n-butylphthalate	1.211	1.202	0.500	-0.7486	25.0
Fluoranthene	1.279	1.422	0.400	11.1592	25.0
Pyrene	1.312	1.404	0.400	6.958	25.0
Butylbenzylphthalate	0.620	0.622	0.100	0.3644	40.0
3,3-Dichlorobenzidine	0.384	0.398	0.010	3.7517	40.0
Benzo (a) anthracene	1.339	1.334	0.300	-0.3287	30.0
Chrysene	1.250	1.229	0.200	-1.6756	30.0
Bis(2-ethylhexyl)phthalate	0.904	0.912	0.200	0.9805	40.0
Di-n-octyl phthalate	1.339	1.598	0.010	19.3814	40.0
Benzo (b) fluoranthene	1.195	1.221	0.200	2.1662	25.0
Benzo (k) fluoranthene	1.173	1.260	0.200	7.4271	25.0
Benzo (a) pyrene	1.120	1.100	0.200	-1.7364	20.0
Indeno (1,2,3-cd) pyrene	1.290	1.192	0.200	-7.5859	25.0
Dibenzo (a,h) anthracene	1.053	1.026	0.200	-2.6138	30.0
Benzo (g,h,i) perylene	1.026	0.942	0.200	-8.1516	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.337	0.040	3.358	20.0
1,4-Dioxane-d8	0.483	0.409	0.010	-15.4108	25.0
Pyridine-d5	1.361	1.197	0.010	-12.0659	40.0
Phenol-d5	1.715	1.613	0.010	-5.9377	25.0
Bis- (2-Chloroethyl) ether-d8	1.003	0.914	0.050	-8.8835	25.0
2-Chlorophenol-d4	1.308	1.339	0.200	2.3584	20.0
4-Methylphenol-d8	1.398	1.381	0.010	-1.1996	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BN062024 SAS No.: BN062024 SDG No.: BN062024
 Instrument ID: BNA_N Calibration Date/Time: 6/20/2024 1:09:33
 Lab File ID: BN032093.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020296 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.147	0.050	-3.9859	20.0
2-Nitrophenol-d4	0.158	0.155	0.050	-2.0224	30.0
2,4-Dichlorophenol-d3	0.295	0.303	0.060	2.8412	20.0
4-Chloroaniline-d4	0.438	0.433	0.010	-1.093	40.0
Dimethylphthalate-d6	1.393	1.367	0.300	-1.8739	20.0
Acenaphthylene-d8	1.602	1.552	0.400	-3.1159	20.0
4-Nitrophenol-d4	0.279	0.249	0.010	-10.6574	40.0
Fluorene-d10	1.179	1.185	0.100	0.5416	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.094	0.010	-6.7447	40.0
Anthracene-d10	0.856	0.863	0.300	0.7897	20.0
Pyrene-d10	1.070	1.141	0.300	6.6547	25.0
Benzo(a)pyrene-d12	0.955	0.956	0.010	0.1298	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.: BN062024 SAS No.: BN062024 SDG No.: BN062024

Instrument ID: BNA_N Calibration Date/Time: 6/20/2024 1:16:41

Lab File ID: BN032099.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020297 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	0.419	0.010	-18.9012	40.0
Benzaldehyde	0.804	0.837	0.010	4.1384	40.0
Pyridine	1.361	1.113	0.010	-18.2309	40.0
Phenol	1.745	1.627	0.080	-6.7624	20.0
Bis(2-Chloroethyl) ether	1.443	1.352	0.100	-6.2927	20.0
2-Chlorophenol	1.369	1.378	0.200	0.6528	20.0
2-Methylphenol	1.348	1.316	0.010	-2.366	20.0
2,2-oxybis(1-Chloropropane)	1.661	1.549	0.010	-6.744	40.0
Acetophenone	2.118	2.184	0.060	3.125	20.0
4-Methylphenol	1.461	1.451	0.010	-0.6526	20.0
N-Nitroso-di-n-propylamine	1.098	1.035	0.050	-5.6791	30.0
Hexachloroethane	0.580	0.569	0.100	-1.7872	20.0
Nitrobenzene	0.364	0.331	0.050	-9.1993	25.0
Isophorone	0.747	0.660	0.050	-11.6608	25.0
2-Nitrophenol	0.173	0.179	0.050	3.6882	25.0
2,4-Dimethylphenol	0.336	0.325	0.050	-3.2028	25.0
Bis(2-Chloroethoxy) methane	0.466	0.419	0.050	-10.1354	20.0
2,4-Dichlorophenol	0.291	0.303	0.060	4.0344	20.0
Naphthalene	1.035	1.034	0.200	-0.1201	20.0
4-Chloroaniline	0.425	0.422	0.010	-0.7901	40.0
Hexachlorobutadiene	0.175	0.184	0.040	5.1599	30.0
Caprolactam	0.114	0.104	0.010	-8.9201	40.0
4-Chloro-3-methylphenol	0.340	0.338	0.040	-0.6705	25.0
1-Methylnaphthalene	0.710	0.727	0.100	2.3631	20.0
2-Methylnaphthalene	0.708	0.725	0.100	2.4518	20.0
Hexachlorocyclopentadiene	0.305	0.297	0.010	-2.6841	40.0
2,4,6-Trichlorophenol	0.359	0.363	0.090	1.1745	25.0
2,4,5-Trichlorophenol	0.390	0.398	0.100	2.0016	25.0
1,1-Biphenyl	1.407	1.396	0.200	-0.7937	20.0
2-Chloronaphthalene	1.102	1.106	0.300	0.3598	20.0
2-Nitroaniline	0.319	0.285	0.050	-10.8812	40.0
Dimethylphthalate	1.425	1.396	0.300	-2.0418	20.0
2,6-Dinitrotoluene	0.283	0.292	0.080	3.1536	30.0
Acenaphthylene	1.811	1.814	0.400	0.1694	20.0
3-Nitroaniline	0.303	0.304	0.010	0.4358	40.0
Acenaphthene	1.198	1.189	0.200	-0.7282	20.0
2,4-Dinitrophenol	0.143	0.136	0.010	-4.6231	40.0
4-Nitrophenol	0.207	0.193	0.010	-6.6967	40.0
Dibenzofuran	1.628	1.627	0.300	-0.0525	20.0

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Lab Code: CHEM Case No.: BN062024 SAS No.: BN062024 SDG No.: BN062024

Instrument ID: BNA_N Calibration Date/Time: 6/20/2024 1:16:41

Lab File ID: BN032099.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020297 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	0.417	0.070	0.2911	30.0
Diethylphthalate	1.470	1.471	0.300	0.0135	20.0
Fluorene	1.311	1.324	0.200	1.0267	20.0
4-Chlorophenyl-phenylether	0.635	0.646	0.100	1.7044	20.0
4-Nitroaniline	0.288	0.287	0.010	-0.3925	40.0
4,6-Dinitro-2-methylphenol	0.107	0.117	0.010	9.564	40.0
N-Nitrosodiphenylamine	0.551	0.570	0.050	3.3764	20.0
1,2,4,5-Tetrachlorobenzene	0.529	0.547	0.100	3.4109	20.0
4-Bromophenyl-phenylether	0.194	0.208	0.070	7.3975	20.0
Hexachlorobenzene	0.220	0.239	0.050	8.9274	25.0
Atrazine	0.174	0.162	0.010	-7.0936	25.0
Pentachlorophenol	0.141	0.139	0.010	-1.0071	40.0
Phenanthrene	1.019	1.023	0.200	0.4179	20.0
Pentachlorobenzene	0.251	0.268	0.050	7.0825	20.0
Anthracene	1.032	1.036	0.200	0.3246	20.0
1,2,3,4-Tetrachlorobenzene	0.257	0.269	0.050	4.3369	20.0
Carbazole	0.880	0.944	0.050	7.2185	40.0
Di-n-butylphthalate	1.211	1.256	0.500	3.734	25.0
Fluoranthene	1.279	1.462	0.400	14.324	25.0
Pyrene	1.312	1.478	0.400	12.6397	25.0
Butylbenzylphthalate	0.620	0.674	0.100	8.7857	40.0
3,3-Dichlorobenzidine	0.384	0.395	0.010	3.0141	40.0
Benzo (a) anthracene	1.339	1.335	0.300	-0.3006	30.0
Chrysene	1.250	1.228	0.200	-1.8002	30.0
Bis(2-ethylhexyl)phthalate	0.904	0.979	0.200	8.3827	40.0
Di-n-octyl phthalate	1.339	1.855	0.010	38.5435	40.0
Benzo (b) fluoranthene	1.195	1.267	0.200	5.9481	25.0
Benzo (k) fluoranthene	1.173	1.267	0.200	7.9933	25.0
Benzo (a) pyrene	1.120	1.129	0.200	0.8123	20.0
Indeno (1,2,3-cd) pyrene	1.290	1.223	0.200	-5.1733	25.0
Dibenzo (a,h) anthracene	1.053	1.023	0.200	-2.9146	30.0
Benzo (g,h,i) perylene	1.026	0.968	0.200	-5.5833	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.335	0.040	2.6778	20.0
1,4-Dioxane-d8	0.483	0.387	0.010	-19.845	25.0
Pyridine-d5	1.361	1.138	0.010	-16.3813	40.0
Phenol-d5	1.715	1.570	0.010	-8.436	25.0
Bis- (2-Chloroethyl) ether-d8	1.003	0.883	0.050	-11.9273	25.0
2-Chlorophenol-d4	1.308	1.311	0.200	0.2376	20.0
4-Methylphenol-d8	1.398	1.406	0.010	0.5815	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN062024 SAS No.: BN062024 SDG No.: BN062024

Instrument ID: BNA_N Calibration Date/Time: 6/20/2024 1:16:41

Lab File ID: BN032099.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020297 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.148	0.050	-3.2092	20.0
2-Nitrophenol-d4	0.158	0.165	0.050	4.5895	30.0
2,4-Dichlorophenol-d3	0.295	0.307	0.060	3.9892	20.0
4-Chloroaniline-d4	0.438	0.431	0.010	-1.5901	40.0
Dimethylphthalate-d6	1.393	1.394	0.300	0.0429	20.0
Acenaphthylene-d8	1.602	1.583	0.400	-1.1688	20.0
4-Nitrophenol-d4	0.279	0.252	0.010	-9.8351	40.0
Fluorene-d10	1.179	1.171	0.100	-0.6402	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.108	0.010	7.0721	40.0
Anthracene-d10	0.856	0.881	0.300	2.8757	20.0
Pyrene-d10	1.070	1.191	0.300	11.2841	25.0
Benzo(a)pyrene-d12	0.955	0.963	0.010	0.7997	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.: BN062024 SAS No.: BN062024 SDG No.: BN062024

Instrument ID: BNA_N Calibration Date/Time: 6/21/2024 1:03:12

Lab File ID: BN032114.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020298 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	0.371	0.010	-28.2045	40.0
Benzaldehyde	0.804	0.775	0.010	-3.625	40.0
Pyridine	1.361	1.013	0.010	-25.5437	40.0
Phenol	1.745	1.524	0.080	-12.6672	20.0
Bis(2-Chloroethyl)ether	1.443	1.232	0.100	-14.6196	20.0
2-Chlorophenol	1.369	1.300	0.200	-5.0501	20.0
2-Methylphenol	1.348	1.232	0.010	-8.6043	20.0
2,2-oxybis(1-Chloropropane)	1.661	1.388	0.010	-16.4433	40.0
Acetophenone	2.118	1.989	0.060	-6.1042	20.0
4-Methylphenol	1.461	1.349	0.010	-7.6428	20.0
N-Nitroso-di-n-propylamine	1.098	0.919	0.050	-16.2433	30.0
Hexachloroethane	0.580	0.538	0.100	-7.2718	20.0
Nitrobenzene	0.364	0.305	0.050	-16.2001	25.0
Isophorone	0.747	0.601	0.050	-19.5995	25.0
2-Nitrophenol	0.173	0.170	0.050	-1.3756	25.0
2,4-Dimethylphenol	0.336	0.293	0.050	-12.6603	25.0
Bis(2-Chloroethoxy)methane	0.466	0.382	0.050	-18.0574	20.0
2,4-Dichlorophenol	0.291	0.288	0.060	-1.2498	20.0
Naphthalene	1.035	0.969	0.200	-6.4288	20.0
4-Chloroaniline	0.425	0.393	0.010	-7.4455	40.0
Hexachlorobutadiene	0.175	0.173	0.040	-0.8639	30.0
Caprolactam	0.114	0.097	0.010	-14.8541	40.0
4-Chloro-3-methylphenol	0.340	0.314	0.040	-7.8661	25.0
1-Methylnaphthalene	0.710	0.670	0.100	-5.6333	20.0
2-Methylnaphthalene	0.708	0.670	0.100	-5.2816	20.0
Hexachlorocyclopentadiene	0.305	0.239	0.010	-21.7122	40.0
2,4,6-Trichlorophenol	0.359	0.344	0.090	-4.2234	25.0
2,4,5-Trichlorophenol	0.390	0.380	0.100	-2.6674	25.0
1,1-Biphenyl	1.407	1.297	0.200	-7.8278	20.0
2-Chloronaphthalene	1.102	1.048	0.300	-4.8798	20.0
2-Nitroaniline	0.319	0.270	0.050	-15.6059	40.0
Dimethylphthalate	1.425	1.315	0.300	-7.7393	20.0
2,6-Dinitrotoluene	0.283	0.278	0.080	-1.923	30.0
Acenaphthylene	1.811	1.709	0.400	-5.6325	20.0
3-Nitroaniline	0.303	0.295	0.010	-2.4347	40.0
Acenaphthene	1.198	1.146	0.200	-4.3146	20.0
2,4-Dinitrophenol	0.143	0.126	0.010	-11.7943	40.0
4-Nitrophenol	0.207	0.187	0.010	-9.7524	40.0
Dibenzofuran	1.628	1.556	0.300	-4.3971	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN062024 SAS No.: BN062024 SDG No.: BN062024
Instrument ID: BNA_N Calibration Date/Time: 6/21/2024 1:03:12
Lab File ID: BN032114.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020298 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	0.402	0.070	-3.3292	30.0
Diethylphthalate	1.470	1.356	0.300	-7.7661	20.0
Fluorene	1.311	1.237	0.200	-5.6524	20.0
4-Chlorophenyl-phenylether	0.635	0.610	0.100	-3.9202	20.0
4-Nitroaniline	0.288	0.311	0.010	7.7424	40.0
4,6-Dinitro-2-methylphenol	0.107	0.104	0.010	-2.7778	40.0
N-Nitrosodiphenylamine	0.551	0.526	0.050	-4.6625	20.0
1,2,4,5-Tetrachlorobenzene	0.529	0.518	0.100	-2.1564	20.0
4-Bromophenyl-phenylether	0.194	0.194	0.070	-0.0292	20.0
Hexachlorobenzene	0.220	0.218	0.050	-0.9084	25.0
Atrazine	0.174	0.154	0.010	-11.7237	25.0
Pentachlorophenol	0.141	0.133	0.010	-5.4855	40.0
Phenanthrene	1.019	0.956	0.200	-6.2085	20.0
Pentachlorobenzene	0.251	0.252	0.050	0.4894	20.0
Anthracene	1.032	0.970	0.200	-6.0788	20.0
1,2,3,4-Tetrachlorobenzene	0.257	0.247	0.050	-3.8743	20.0
Carbazole	0.880	0.875	0.050	-0.6068	40.0
Di-n-butylphthalate	1.211	1.162	0.500	-4.0445	25.0
Fluoranthene	1.279	1.442	0.400	12.7776	25.0
Pyrene	1.312	1.491	0.400	13.6194	25.0
Butylbenzylphthalate	0.620	0.708	0.100	14.1621	40.0
3,3-Dichlorobenzidine	0.384	0.365	0.010	-4.908	40.0
Benzo (a) anthracene	1.339	1.234	0.300	-7.8554	30.0
Chrysene	1.250	1.171	0.200	-6.3508	30.0
Bis(2-ethylhexyl)phthalate	0.904	1.016	0.200	12.4417	40.0
Di-n-octyl phthalate	1.339	1.827	0.010	36.4545	40.0
Benzo (b) fluoranthene	1.195	1.139	0.200	-4.7101	25.0
Benzo (k) fluoranthene	1.173	1.172	0.200	-0.1049	25.0
Benzo (a) pyrene	1.120	1.040	0.200	-7.0965	20.0
Indeno (1,2,3-cd) pyrene	1.290	1.195	0.200	-7.3404	25.0
Dibenzo (a,h) anthracene	1.053	0.988	0.200	-6.2234	30.0
Benzo (g,h,i) perylene	1.026	0.949	0.200	-7.4923	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.316	0.040	-3.1979	20.0
1,4-Dioxane-d8	0.483	0.360	0.010	-25.4435	25.0
Pyridine-d5	1.361	1.048	0.010	-22.9857	40.0
Phenol-d5	1.715	1.488	0.010	-13.2276	25.0
Bis- (2-Chloroethyl) ether-d8	1.003	0.813	0.050	-18.9525	25.0
2-Chlorophenol-d4	1.308	1.247	0.200	-4.685	20.0
4-Methylphenol-d8	1.398	1.303	0.010	-6.8036	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN062024 SAS No.: BN062024 SDG No.: BN062024

Instrument ID: BNA_N Calibration Date/Time: 6/21/2024 1:03:12

Lab File ID: BN032114.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020298 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.144	0.050	-6.0915	20.0
2-Nitrophenol-d4	0.158	0.158	0.050	-0.0753	30.0
2,4-Dichlorophenol-d3	0.295	0.286	0.060	-3.0099	20.0
4-Chloroaniline-d4	0.438	0.405	0.010	-7.4792	40.0
Dimethylphthalate-d6	1.393	1.278	0.300	-8.2967	20.0
Acenaphthylene-d8	1.602	1.492	0.400	-6.8425	20.0
4-Nitrophenol-d4	0.279	0.243	0.010	-12.9565	40.0
Fluorene-d10	1.179	1.116	0.100	-5.2946	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.096	0.010	-4.7346	40.0
Anthracene-d10	0.856	0.816	0.300	-4.6605	20.0
Pyrene-d10	1.070	1.203	0.300	12.3983	25.0
Benzo(a)pyrene-d12	0.955	0.889	0.010	-6.9013	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	SBLK544	SDG No.:	BN062024
Lab Sample ID:	PB161544BL	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
BN032094.D	1	6/4/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161544

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:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	SBLK544	SDG No.:	BN062024
Lab Sample ID:	PB161544BL	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
BN032094.D	1	6/4/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161544

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:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	SBLK544	SDG No.:	BN062024
Lab Sample ID:	PB161544BL	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
BN032094.D	1	6/4/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161544

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	5.821		15-120		73	SPK: -8
7291-22-7	Pyridine-d5	26.709		20-120		67	SPK: -40
4165-62-2	Phenol-d5	30.259		10-130		76	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.287		25-120		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.105		20-130		83	SPK: -40
190780-66-6	4-Methylphenol-d8	31.955		25-125		80	SPK: -40
4165-60-0	Nitrobenzene-d5	31.887		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.187		20-130		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.094		20-120		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.488		1-146		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.426		25-130		84	SPK: -40
93951-97-4	Acenaphthylene-d8	32.169		10-130		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.703		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	33.774		25-125		84	SPK: -40

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	SBLK544	SDG No.:	BN062024
Lab Sample ID:	PB161544BL	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
BN032094.D	1	6/4/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.347		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	34.732		25-130		87	SPK: -40
1718-52-1	Pyrene-d10	36.854		15-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.205		20-130		88	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	211065	7.64				
1146-65-2	Naphthalene-d8	993054	10.416				
15067-26-2	Acenaphthene-d10	711940	14.281				
1517-22-2	Phenanthrene-d10	1535754	17.028				
1719-03-5	Chrysene-d12	1316888	21.263				
1520-96-3	Perylene-d12	1209228	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4DG6	SDG No.:	BN062024
Lab Sample ID:	P2710-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BN032095.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	6.6	66	ug/Kg
110-86-1	Pyridine	12	U	12	160	330	ug/Kg
100-52-7	Benzaldehyde	48	U	48	82.2	330	ug/Kg
108-95-2	Phenol	1500		45	82.2	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	6700	E	35	82.2	330	ug/Kg
95-57-8	2-Chlorophenol	3600	E	22	42.4	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.2	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	29	U	29	82.2	330	ug/Kg
98-86-2	Acetophenone	59	U	59	82.2	330	ug/Kg
106-44-5	4-Methylphenol	41	U	41	82.2	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	6700	E	37	42.4	170	ug/Kg
67-72-1	Hexachloroethane	4900	E	16	42.4	170	ug/Kg
98-95-3	Nitrobenzene	1500		27	42.4	170	ug/Kg
78-59-1	Isophorone	5300	E	36	42.4	170	ug/Kg
88-75-5	2-Nitrophenol	2000		30	42.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	8.5	U	8.5	42.4	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	6000	E	31	42.4	170	ug/Kg
120-83-2	2,4-Dichlorophenol	4400	E	34	42.4	170	ug/Kg
91-20-3	Naphthalene	33	U	33	42.4	170	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	42.4	330	ug/Kg
87-68-3	Hexachlorobutadiene	5700	E	26	42.4	170	ug/Kg
105-60-2	Caprolactam	40	U	40	82.2	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		36	42.4	170	ug/Kg
90-12-0	1-Methylnaphthalene	19	U	19	42.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	2300		37	42.4	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	19	U	19	82.2	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	6300	E	50	42.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		49	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4DG6	SDG No.:	BN062024
Lab Sample ID:	P2710-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032095.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	46	U	46	42.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	42.4	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.4	170	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	42.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	8400	E	26	42.4	170	ug/Kg
208-96-8	Acenaphthylene	820		46	42.4	170	ug/Kg
99-09-2	3-Nitroaniline	14	U	14	82.2	330	ug/Kg
83-32-9	Acenaphthene	3900	E	50	42.4	170	ug/Kg
51-28-5	2,4-Dinitrophenol	32	U	32	82.2	330	ug/Kg
100-02-7	4-Nitrophenol	3500		11	82.2	330	ug/Kg
132-64-9	Dibenzofuran	40	U	40	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	5900	E	13	42.4	170	ug/Kg
84-66-2	Diethylphthalate	41	U	41	42.4	170	ug/Kg
86-73-7	Fluorene	4500	E	58	42.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		48	42.4	170	ug/Kg
100-01-6	4-Nitroaniline	16	U	16	82.2	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	39	U	39	82.2	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	42.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	42.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1800		99	42.4	170	ug/Kg
118-74-1	Hexachlorobenzene	6100	E	50	42.4	170	ug/Kg
1912-24-9	Atrazine	11	U	11	82.2	330	ug/Kg
87-86-5	Pentachlorophenol	6800	E	38	82.2	330	ug/Kg
85-01-8	Phenanthrene	1700		53	42.4	170	ug/Kg
608-93-5	Pentachlorobenzene	36	U	36	42.4	170	ug/Kg
120-12-7	Anthracene	1700		47	42.4	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	5.6	U	5.6	42.4	170	ug/Kg
86-74-8	Carbazole	61	U	61	82.2	330	ug/Kg
84-74-2	Di-n-butylphthalate	4500	E	57	42.4	170	ug/Kg
206-44-0	Fluoranthene	5400	E	45	82.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4DG6	SDG No.:	BN062024
Lab Sample ID:	P2710-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032095.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3000	E	46	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	2100		43	42.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	82.2	330	ug/Kg
56-55-3	Benzo(a)anthracene	4200	E	39	42.4	170	ug/Kg
218-01-9	Chrysene	5300	E	46	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	5900	E	43	42.4	170	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	5600	E	48	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		57	42.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		45	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3200	E	52	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		46	42.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	42.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.818		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	31.414		10-130		79	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.303		10-150		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.134		15-120		83	SPK: -40
190780-66-6	4-Methylphenol-d8	32.86		10-140		82	SPK: -40
4165-60-0	Nitrobenzene-d5	33.23		10-135		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	33		10-120		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	38.805		10-140		97	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.116		1-145		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.58		10-145		94	SPK: -40
93951-97-4	Acenaphthylene-d8	35.611		15-120		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.253		10-150		78	SPK: -40
81103-79-9	Fluorene-d10	37.907		20-140		95	SPK: -40

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4DG6	SDG No.:	BN062024
Lab Sample ID:	P2710-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032095.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.199		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	37.645		10-150		94	SPK: -40
1718-52-1	Pyrene-d10	48.635		10-130		122	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.062		10-140		98	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	243145	7.634				
1146-65-2	Naphthalene-d8	1116917	10.422				
15067-26-2	Acenaphthene-d10	754059	14.287				
1517-22-2	Phenanthrene-d10	1590184	17.034				
1719-03-5	Chrysene-d12	1055067	21.28				
1520-96-3	Perylene-d12	1108806	24.186				
TENTATIVE IDENTIFIED COMPOUNDS							
000106-46-7	Benzene, 1,4-dichloro-	670	J			7.987	
001125-21-9	2,6,6-Trimethyl-2-cyclohexene-1,4-	180	J			9.669	
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.169	
000608-93-5	Benzene, pentachloro-	93	J			14.598	
000058-90-2	Phenol, 2,3,4,6-tetrachloro-	66	J			14.916	
000101-81-5	Diphenylmethane	100	J			15.587	
005129-60-2	Pentadecanoic acid, 14-methyl-, me	100	J			17.704	
000057-10-3	n-Hexadecanoic acid	370	J			17.939	
000084-65-1	9,10-Anthracenedione	160	J			18.463	
000112-62-9	9-Octadecenoic acid (Z)-, methyl e	87	J			18.886	
	(DEL) Alkane: Straight-Chain23.339	130	J			23.339	
	(DEL) Alkane: Straight-Chain25.180	190	J			25.18	
	(DEL) Alkane: Straight-Chain25.310	280	J			25.31	
E966796	Total Alkanes	600				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	BHBZ5	SDG No.:	BN062024
Lab Sample ID:	P2663-11	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
BN032096.D	1	6/4/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161544

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:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	BHBZ5	SDG No.:	BN062024
Lab Sample ID:	P2663-11	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
BN032096.D	1	6/4/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161544

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:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	BHBZ5	SDG No.:	BN062024
Lab Sample ID:	P2663-11	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
BN032096.D	1	6/4/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161544

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	3.992		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	6.955	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	5.984		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.413		25-120		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.529		20-130		61	SPK: -40
190780-66-6	4-Methylphenol-d8	15.579		25-125		39	SPK: -40
4165-60-0	Nitrobenzene-d5	32.476		20-125		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.117		20-130		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.434		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.33		1-146		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.153		25-130		80	SPK: -40
93951-97-4	Acenaphthylene-d8	31.534		10-130		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.068	*	10-150		8	SPK: -40
81103-79-9	Fluorene-d10	33.182		25-125		83	SPK: -40

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	BHBZ5	SDG No.:	BN062024
Lab Sample ID:	P2663-11	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
BN032096.D	1	6/4/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	1.994	*	10-130		5	SPK: -40
1719-06-8	Anthracene-d10	35.199		25-130		88	SPK: -40
1718-52-1	Pyrene-d10	37.363		15-130		93	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.46		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	310026	7.634				
1146-65-2	Naphthalene-d8	1464697	10.416				
15067-26-2	Acenaphthene-d10	1037142	14.281				
1517-22-2	Phenanthrene-d10	2193618	17.033				
1719-03-5	Chrysene-d12	1786114	21.268				
1520-96-3	Perylene-d12	1659296	24.18				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-84-5	13-Docosenamide, (Z)-	22	J			22.621	
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4DG6DL	SDG No.:	BN062024
Lab Sample ID:	P2710-19DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032097.D	5	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	60	U	60	32.9	330	ug/Kg
100-52-7	Benzaldehyde	240	U	240	410	1600	ug/Kg
110-86-1	Pyridine	60	U	60	820	1600	ug/Kg
108-95-2	Phenol	1400	JD	220	410	1600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	7500	D	170	410	1600	ug/Kg
95-57-8	2-Chlorophenol	3700	D	110	210	850	ug/Kg
95-48-7	2-Methylphenol	190	U	190	410	1600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	410	1600	ug/Kg
98-86-2	Acetophenone	290	U	290	410	1600	ug/Kg
106-44-5	4-Methylphenol	200	U	200	410	1600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	7600	D	180	210	850	ug/Kg
67-72-1	Hexachloroethane	5000	D	80	210	850	ug/Kg
98-95-3	Nitrobenzene	1400	D	130	210	850	ug/Kg
78-59-1	Isophorone	6000	D	180	210	850	ug/Kg
88-75-5	2-Nitrophenol	1900	D	150	210	850	ug/Kg
105-67-9	2,4-Dimethylphenol	42	U	42	210	850	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	7000	D	150	210	850	ug/Kg
120-83-2	2,4-Dichlorophenol	4600	D	170	210	850	ug/Kg
91-20-3	Naphthalene	160	U	160	210	850	ug/Kg
106-47-8	4-Chloroaniline	220	U	220	210	1600	ug/Kg
87-68-3	Hexachlorobutadiene	6200	D	130	210	850	ug/Kg
105-60-2	Caprolactam	200	U	200	410	1600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700	D	180	210	850	ug/Kg
90-12-0	1-Methylnaphthalene	95	U	95	210	850	ug/Kg
91-57-6	2-Methylnaphthalene	2400	D	180	210	850	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	410	1600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	7100	D	250	210	850	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700	D	240	210	850	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4DG6DL	SDG No.:	BN062024
Lab Sample ID:	P2710-19DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032097.D	5	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	230	U	230	210	850	ug/Kg
91-58-7	2-Chloronaphthalene	220	U	220	210	850	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	210	850	ug/Kg
131-11-3	Dimethylphthalate	190	U	190	210	850	ug/Kg
606-20-2	2,6-Dinitrotoluene	8900	D	130	210	850	ug/Kg
208-96-8	Acenaphthylene	790	JD	230	210	850	ug/Kg
99-09-2	3-Nitroaniline	70	U	70	410	1600	ug/Kg
83-32-9	Acenaphthene	4600	D	250	210	850	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	410	1600	ug/Kg
100-02-7	4-Nitrophenol	3400	D	55	410	1600	ug/Kg
132-64-9	Dibenzofuran	200	U	200	210	850	ug/Kg
121-14-2	2,4-Dinitrotoluene	6000	D	65	210	850	ug/Kg
84-66-2	Diethylphthalate	200	U	200	210	850	ug/Kg
86-73-7	Fluorene	6600	D	290	210	850	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2200	D	240	210	850	ug/Kg
100-01-6	4-Nitroaniline	80	U	80	410	1600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	190	U	190	410	1600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	220	U	220	210	850	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	220	210	850	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700	D	490	210	850	ug/Kg
118-74-1	Hexachlorobenzene	8800	D	250	210	850	ug/Kg
1912-24-9	Atrazine	55	U	55	410	1600	ug/Kg
87-86-5	Pentachlorophenol	8500	D	190	410	1600	ug/Kg
85-01-8	Phenanthrene	1800	D	260	210	850	ug/Kg
608-93-5	Pentachlorobenzene	180	U	180	210	850	ug/Kg
120-12-7	Anthracene	1800	D	230	210	850	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	28	U	28	210	850	ug/Kg
86-74-8	Carbazole	300	U	300	410	1600	ug/Kg
84-74-2	Di-n-butylphthalate	6400	D	280	210	850	ug/Kg
206-44-0	Fluoranthene	6700	D	220	410	850	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4DG6DL	SDG No.:	BN062024
Lab Sample ID:	P2710-19DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032097.D	5	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3100	D	230	210	850	ug/Kg
85-68-7	Butylbenzylphthalate	1800	D	210	210	850	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	410	1600	ug/Kg
56-55-3	Benzo(a)anthracene	4900	D	190	210	850	ug/Kg
218-01-9	Chrysene	7100	D	230	210	850	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	7500	D	210	210	850	ug/Kg
117-84-0	Di-n-octyl phthalate	210	U	210	410	1600	ug/Kg
205-99-2	Benzo(b)fluoranthene	6800	D	240	210	850	ug/Kg
207-08-9	Benzo(k)fluoranthene	290	U	290	210	850	ug/Kg
50-32-8	Benzo(a)pyrene	1500	D	280	210	850	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200	D	220	210	850	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3100	D	260	210	850	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000	D	230	210	850	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	260	U	260	210	850	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.3		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	29.65		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.74		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.08		15-120		80	SPK: -40
190780-66-6	4-Methylphenol-d8	31.165		10-140		78	SPK: -40
4165-60-0	Nitrobenzene-d5	30.4		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.94		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.995		10-140		95	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.445		1-145		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.49		10-145		89	SPK: -40
93951-97-4	Acenaphthylene-d8	34.925		15-120		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.045		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	37.055		20-140		93	SPK: -40

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4DG6DL	SDG No.:	BN062024
Lab Sample ID:	P2710-19DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032097.D	5	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.84		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	38.805		10-150		97	SPK: -40
1718-52-1	Pyrene-d10	44.395		10-130		111	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.27		10-140		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	314265	7.634				
1146-65-2	Naphthalene-d8	1470353	10.416				
15067-26-2	Acenaphthene-d10	1017003	14.281				
1517-22-2	Phenanthrene-d10	2042368	17.033				
1719-03-5	Chrysene-d12	1596851	21.269				
1520-96-3	Perylene-d12	1481049	24.186				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-50-1	Benzene, 1,2-dichloro-	8100	JD			7.981	
000192-97-2	Benzo[e]pyrene	4100	JD			16.945	
000195-06-2	Naphtho[1,2-a]anthracene	1100	JD			23.204	
E966796	Total Alkanes	230	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	SLCS544	SDG No.:	BN062024
Lab Sample ID:	PB161544BS	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
BN032098.D	1	6/4/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.1		0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	32		1.4	5	10	ug/L
110-86-1	Pyridine	25		0.85	10	10	ug/L
108-95-2	Phenol	31		1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	29		1.5	5	10	ug/L
95-57-8	2-Chlorophenol	32		1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	32		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	29		1.4	5	10	ug/L
98-86-2	Acetophenone	32		2.1	5	10	ug/L
106-44-5	4-Methylphenol	33		1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	30		1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	30		0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	28		1.3	2.5	5	ug/L
78-59-1	Isophorone	28		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	27		0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	28		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	30		1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	27		1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	33		1.1	2.5	5	ug/L
105-60-2	Caprolactam	31		1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	32		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	32		0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	31		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	31		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:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	SLCS544	SDG No.:	BN062024
Lab Sample ID:	PB161544BS	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
BN032098.D	1	6/4/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30		1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	30		1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	29		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	30		1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	33		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	30		1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	32		0.86	5	10	ug/L
83-32-9	Acenaphthene	29		1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	37		1.9	5	10	ug/L
100-02-7	4-Nitrophenol	30		1.5	5	10	ug/L
132-64-9	Dibenzofuran	31		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	31		1.5	2.5	5	ug/L
86-73-7	Fluorene	29		2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	29		1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	33		0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	37		1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	32		1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	32		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	33		1.9	2.5	5	ug/L
1912-24-9	Atrazine	15		1.2	5	10	ug/L
87-86-5	Pentachlorophenol	30		1.7	5	10	ug/L
85-01-8	Phenanthrene	31		1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	33		1.3	2.5	5	ug/L
120-12-7	Anthracene	30		1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	32		0.75	2.5	5	ug/L
86-74-8	Carbazole	32		2	5	10	ug/L
84-74-2	Di-n-butylphthalate	32		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	37		1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	SLCS544	SDG No.:	BN062024
Lab Sample ID:	PB161544BS	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
BN032098.D	1	6/4/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	37		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	37		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	32		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	31		1.5	2.5	5	ug/L
218-01-9	Chrysene	31		1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	36		1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	44		1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	33		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	29		2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	32		1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	32		2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	31		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	6.059		15-120		76	SPK: -8
7291-22-7	Pyridine-d5	24.432		20-120		61	SPK: -40
4165-62-2	Phenol-d5	30.489		10-130		76	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.248		25-120		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.653		20-130		82	SPK: -40
190780-66-6	4-Methylphenol-d8	32.284		25-125		81	SPK: -40
4165-60-0	Nitrobenzene-d5	31.436		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.815		20-130		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.899		20-120		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.167		1-146		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.477		25-130		79	SPK: -40
93951-97-4	Acenaphthylene-d8	30.644		10-130		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.642		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	30.969		25-125		77	SPK: -40

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	SLCS544	SDG No.:	BN062024
Lab Sample ID:	PB161544BS	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
BN032098.D	1	6/4/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.748		10-130		92	SPK: -40
1719-06-8	Anthracene-d10	31.06		25-130		78	SPK: -40
1718-52-1	Pyrene-d10	37.062		15-130		93	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.84		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	327507	7.634				
1146-65-2	Naphthalene-d8	1562276	10.416				
15067-26-2	Acenaphthene-d10	1079750	14.281				
1517-22-2	Phenanthrene-d10	2197871	17.033				
1719-03-5	Chrysene-d12	1587174	21.269				
1520-96-3	Perylene-d12	1457319	24.18				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	SBLK390	SDG No.:	BN062024
Lab Sample ID:	PB161390BL	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
BN032100.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

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

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	SBLK390	SDG No.:	BN062024
Lab Sample ID:	PB161390BL	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
BN032100.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

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

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	SBLK390	SDG No.:	BN062024
Lab Sample ID:	PB161390BL	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
BN032100.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	46	U	46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	43	U	43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	46	U	46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43	U	43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	U	52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.457		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	21.944		20-120		55	SPK: -40
4165-62-2	Phenol-d5	23.934		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.178		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.125		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	25.749		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	25.43		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.162		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.265		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.417		1-145		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.087		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	25.514		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.458		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	25.63		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	SBLK390	SDG No.:	BN062024
Lab Sample ID:	PB161390BL	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
BN032100.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.101		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	26.8		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	30.255		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.56		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	336271	7.64				
1146-65-2	Naphthalene-d8	1608685	10.416				
15067-26-2	Acenaphthene-d10	1144064	14.281				
1517-22-2	Phenanthrene-d10	2377747	17.034				
1719-03-5	Chrysene-d12	1816635	21.263				
1520-96-3	Perylene-d12	1670352	24.18				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B20	SDG No.:	BN062024
Lab Sample ID:	P2710-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032101.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.4	85	ug/Kg
100-52-7	Benzaldehyde	810		61	110	420	ug/Kg
110-86-1	Pyridine	15	U	15	210	420	ug/Kg
108-95-2	Phenol	81	J	57	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	110	420	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	54.1	220	ug/Kg
95-48-7	2-Methylphenol	50	U	50	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37	U	37	110	420	ug/Kg
98-86-2	Acetophenone	75	U	75	110	420	ug/Kg
106-44-5	4-Methylphenol	52	U	52	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	47	U	47	54.1	220	ug/Kg
67-72-1	Hexachloroethane	20	U	20	54.1	220	ug/Kg
98-95-3	Nitrobenzene	34	U	34	54.1	220	ug/Kg
78-59-1	Isophorone	46	U	46	54.1	220	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	54.1	220	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	54.1	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	39	U	39	54.1	220	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	54.1	220	ug/Kg
91-20-3	Naphthalene	42	U	42	54.1	220	ug/Kg
106-47-8	4-Chloroaniline	56	U	56	54.1	420	ug/Kg
87-68-3	Hexachlorobutadiene	33	U	33	54.1	220	ug/Kg
105-60-2	Caprolactam	51	U	51	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	54.1	220	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	54.1	220	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	54.1	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	24	U	24	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	64	U	64	54.1	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	62	U	62	54.1	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B20	SDG No.:	BN062024
Lab Sample ID:	P2710-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032101.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	59	U	59	54.1	220	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	54.1	220	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	54.1	220	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	54.1	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	33	U	33	54.1	220	ug/Kg
208-96-8	Acenaphthylene	59	U	59	54.1	220	ug/Kg
99-09-2	3-Nitroaniline	18	U	18	110	420	ug/Kg
83-32-9	Acenaphthene	64	U	64	54.1	220	ug/Kg
51-28-5	2,4-Dinitrophenol	41	U	41	110	420	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	110	420	ug/Kg
132-64-9	Dibenzofuran	51	U	51	54.1	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	17	U	17	54.1	220	ug/Kg
84-66-2	Diethylphthalate	52	U	52	54.1	220	ug/Kg
86-73-7	Fluorene	74	U	74	54.1	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61	U	61	54.1	220	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	50	U	50	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	57	U	57	54.1	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57	U	57	54.1	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	54.1	220	ug/Kg
118-74-1	Hexachlorobenzene	64	U	64	54.1	220	ug/Kg
1912-24-9	Atrazine	14	U	14	110	420	ug/Kg
87-86-5	Pentachlorophenol	48	U	48	110	420	ug/Kg
85-01-8	Phenanthrene	320		67	54.1	220	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	54.1	220	ug/Kg
120-12-7	Anthracene	60	U	60	54.1	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.1	U	7.1	54.1	220	ug/Kg
86-74-8	Carbazole	78	U	78	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	73	U	73	54.1	220	ug/Kg
206-44-0	Fluoranthene	650		57	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B20	SDG No.:	BN062024
Lab Sample ID:	P2710-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032101.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	410		59	54.1	220	ug/Kg
85-68-7	Butylbenzylphthalate	55	U	55	54.1	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	32	U	32	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	220		50	54.1	220	ug/Kg
218-01-9	Chrysene	240		59	54.1	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	55	U	55	54.1	220	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	270		61	54.1	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	74	54.1	220	ug/Kg
50-32-8	Benzo(a)pyrene	100	J	73	54.1	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	72	J	57	54.1	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	66	U	66	54.1	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	59	U	59	54.1	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	66	U	66	54.1	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.523		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	1.139	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	23.594		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.497		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.163		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	25.356		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	25.38		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.992		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.419		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.776		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.867		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	25.908		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.673		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	26.527		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B20	SDG No.:	BN062024
Lab Sample ID:	P2710-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032101.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.656		10-130		62	SPK: -40
1719-06-8	Anthracene-d10	25.866		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	28.588		10-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.662		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	347689	7.64				
1146-65-2	Naphthalene-d8	1640533	10.416				
15067-26-2	Acenaphthene-d10	1133631	14.281				
1517-22-2	Phenanthrene-d10	2259544	17.034				
1719-03-5	Chrysene-d12	1580791	21.263				
1520-96-3	Perylene-d12	1469301	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	93	J			4.775	
000532-28-5	Benzeneacetonitrile, .alpha.-hydro	130	J			12.146	
000057-10-3	n-Hexadecanoic acid	270	J			17.933	
000057-11-4	Octadecanoic acid	120	J			19.222	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	230	J			20.951	
E966796	Total Alkanes	59	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B27	SDG No.:	BN062024
Lab Sample ID:	P2710-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032102.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

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

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B27	SDG No.:	BN062024
Lab Sample ID:	P2710-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032102.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	53	U	53	48.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	48.7	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.7	190	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	48.7	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	48.7	190	ug/Kg
208-96-8	Acenaphthylene	53	U	53	48.7	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	94.5	380	ug/Kg
83-32-9	Acenaphthene	57	U	57	48.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	94.5	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	94.5	380	ug/Kg
132-64-9	Dibenzofuran	46	U	46	48.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	48.7	190	ug/Kg
84-66-2	Diethylphthalate	47	U	47	48.7	190	ug/Kg
86-73-7	Fluorene	66	U	66	48.7	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	48.7	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	94.5	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	94.5	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	48.7	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	48.7	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	48.7	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.7	190	ug/Kg
1912-24-9	Atrazine	13	U	13	94.5	380	ug/Kg
87-86-5	Pentachlorophenol	44	U	44	94.5	380	ug/Kg
85-01-8	Phenanthrene	160	J	61	48.7	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	48.7	190	ug/Kg
120-12-7	Anthracene	54	U	54	48.7	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.4	U	6.4	48.7	190	ug/Kg
86-74-8	Carbazole	70	U	70	94.5	380	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	48.7	190	ug/Kg
206-44-0	Fluoranthene	180	J	52	94.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B27	SDG No.:	BN062024
Lab Sample ID:	P2710-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032102.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	200		53	48.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	49	U	49	48.7	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	94.5	380	ug/Kg
56-55-3	Benzo(a)anthracene	67	J	45	48.7	190	ug/Kg
218-01-9	Chrysene	77	J	53	48.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	49	U	49	48.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	49	U	49	94.5	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	67	J	55	48.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	66	U	66	48.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	65	U	65	48.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52	U	52	48.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	60	U	60	48.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53	U	53	48.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	48.7	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.021		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	20.515		20-120		51	SPK: -40
4165-62-2	Phenol-d5	24.525		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.232		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.619		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	26.699		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	25.266		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.816		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.545		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.773		1-145		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.62		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	25.433		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.899		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	25.479		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B27	SDG No.:	BN062024
Lab Sample ID:	P2710-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032102.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.147		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	25.152		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	30.077		10-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.584		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	325170	7.634				
1146-65-2	Naphthalene-d8	1577938	10.416				
15067-26-2	Acenaphthene-d10	1094698	14.281				
1517-22-2	Phenanthrene-d10	2199800	17.028				
1719-03-5	Chrysene-d12	1626743	21.263				
1520-96-3	Perylene-d12	1468910	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	110	J			7.246	
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	710	J			13.181	
000057-10-3	n-Hexadecanoic acid	230	J			17.933	
	(DEL) Alkane: Straight-Chain20.951	140	J			20.951	
E966796	Total Alkanes	140				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B24	SDG No.:	BN062024
Lab Sample ID:	P2710-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.6
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
BN032103.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

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	89.3	360	ug/Kg
110-86-1	Pyridine	13	U	13	180	360	ug/Kg
108-95-2	Phenol	49	U	49	89.3	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	89.3	360	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	46	180	ug/Kg
95-48-7	2-Methylphenol	42	U	42	89.3	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	89.3	360	ug/Kg
98-86-2	Acetophenone	64	U	64	89.3	360	ug/Kg
106-44-5	4-Methylphenol	44	U	44	89.3	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	40	U	40	46	180	ug/Kg
67-72-1	Hexachloroethane	17	U	17	46	180	ug/Kg
98-95-3	Nitrobenzene	29	U	29	46	180	ug/Kg
78-59-1	Isophorone	39	U	39	46	180	ug/Kg
88-75-5	2-Nitrophenol	32	U	32	46	180	ug/Kg
105-67-9	2,4-Dimethylphenol	9.2	U	9.2	46	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	34	U	34	46	180	ug/Kg
120-83-2	2,4-Dichlorophenol	37	U	37	46	180	ug/Kg
91-20-3	Naphthalene	36	U	36	46	180	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	46	360	ug/Kg
87-68-3	Hexachlorobutadiene	28	U	28	46	180	ug/Kg
105-60-2	Caprolactam	43	U	43	89.3	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	39	U	39	46	180	ug/Kg
90-12-0	1-Methylnaphthalene	21	U	21	46	180	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	46	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	21	U	21	89.3	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	46	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	46	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B24	SDG No.:	BN062024
Lab Sample ID:	P2710-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.6
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
BN032103.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	50	U	50	46	180	ug/Kg
91-58-7	2-Chloronaphthalene	48	U	48	46	180	ug/Kg
88-74-4	2-Nitroaniline	24	U	24	46	180	ug/Kg
131-11-3	Dimethylphthalate	41	U	41	46	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	28	U	28	46	180	ug/Kg
208-96-8	Acenaphthylene	50	U	50	46	180	ug/Kg
99-09-2	3-Nitroaniline	15	U	15	89.3	360	ug/Kg
83-32-9	Acenaphthene	54	U	54	46	180	ug/Kg
51-28-5	2,4-Dinitrophenol	35	U	35	89.3	360	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	89.3	360	ug/Kg
132-64-9	Dibenzofuran	43	U	43	46	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	14	U	14	46	180	ug/Kg
84-66-2	Diethylphthalate	44	U	44	46	180	ug/Kg
86-73-7	Fluorene	63	U	63	46	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	52	U	52	46	180	ug/Kg
100-01-6	4-Nitroaniline	17	U	17	89.3	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	89.3	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	46	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	49	U	49	46	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	46	180	ug/Kg
118-74-1	Hexachlorobenzene	54	U	54	46	180	ug/Kg
1912-24-9	Atrazine	12	U	12	89.3	360	ug/Kg
87-86-5	Pentachlorophenol	41	U	41	89.3	360	ug/Kg
85-01-8	Phenanthrene	110	J	57	46	180	ug/Kg
608-93-5	Pentachlorobenzene	39	U	39	46	180	ug/Kg
120-12-7	Anthracene	51	U	51	46	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.1	U	6.1	46	180	ug/Kg
86-74-8	Carbazole	66	U	66	89.3	360	ug/Kg
84-74-2	Di-n-butylphthalate	62	U	62	46	180	ug/Kg
206-44-0	Fluoranthene	240		49	89.3	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B24	SDG No.:	BN062024
Lab Sample ID:	P2710-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.6
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
BN032103.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	160	J	50	46	180	ug/Kg
85-68-7	Butylbenzylphthalate	47	U	47	46	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	89.3	360	ug/Kg
56-55-3	Benzo(a)anthracene	78	J	42	46	180	ug/Kg
218-01-9	Chrysene	85	J	50	46	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	81	J	47	46	180	ug/Kg
117-84-0	Di-n-octyl phthalate	47	U	47	89.3	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	96	J	52	46	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	63	U	63	46	180	ug/Kg
50-32-8	Benzo(a)pyrene	62	U	62	46	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49	U	49	46	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56	U	56	46	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50	U	50	46	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	56	U	56	46	180	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	0.962	*	20-120		2	SPK: -40
17647-74-4	1,4-Dioxane-d8	2.956		15-120		37	SPK: -8
4165-62-2	Phenol-d5	19.063		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.794		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.184		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	18.648		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	19.679		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.185		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.602		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.401		1-145		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.15		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	20.303		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.807		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	21.106		20-140		53	SPK: -40

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B24	SDG No.:	BN062024
Lab Sample ID:	P2710-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.6
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
BN032103.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.507		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	20.945		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	23.526		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.873		10-140		37	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	371920	7.634				
1146-65-2	Naphthalene-d8	1771229	10.416				
15067-26-2	Acenaphthene-d10	1219525	14.28				
1517-22-2	Phenanthrene-d10	2412825	17.033				
1719-03-5	Chrysene-d12	1592436	21.262				
1520-96-3	Perylene-d12	1530585	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	850	J			13.181	
000057-10-3	n-Hexadecanoic acid	170	J			17.933	
1000406-04-8	Pentadecafluorooctanoic acid, octa	100	J			20.951	
E966796	Total Alkanes	50	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BM4	SDG No.:	BN062024
Lab Sample ID:	P2710-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.4
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
BN032104.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

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	87.2	350	ug/Kg
110-86-1	Pyridine	13	U	13	170	350	ug/Kg
108-95-2	Phenol	48	U	48	87.2	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	87.2	350	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	44.9	180	ug/Kg
95-48-7	2-Methylphenol	41	U	41	87.2	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	87.2	350	ug/Kg
98-86-2	Acetophenone	62	U	62	87.2	350	ug/Kg
106-44-5	4-Methylphenol	43	U	43	87.2	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	35	U	35	44.9	180	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	44.9	350	ug/Kg
87-68-3	Hexachlorobutadiene	27	U	27	44.9	180	ug/Kg
105-60-2	Caprolactam	42	U	42	87.2	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	87.2	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:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BM4	SDG No.:	BN062024
Lab Sample ID:	P2710-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.4
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
BN032104.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

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	47	U	47	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	87.2	350	ug/Kg
83-32-9	Acenaphthene	53	U	53	44.9	180	ug/Kg
51-28-5	2,4-Dinitrophenol	34	U	34	87.2	350	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	87.2	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	87.2	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	41	U	41	87.2	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	87.2	350	ug/Kg
87-86-5	Pentachlorophenol	40	U	40	87.2	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	87.2	350	ug/Kg
84-74-2	Di-n-butylphthalate	60	U	60	44.9	180	ug/Kg
206-44-0	Fluoranthene	48	U	48	87.2	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BM4	SDG No.:	BN062024
Lab Sample ID:	P2710-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.4
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
BN032104.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

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	87.2	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	250		45	44.9	180	ug/Kg
117-84-0	Di-n-octyl phthalate	45	U	45	87.2	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	3.464		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	17.838		20-120		45	SPK: -40
4165-62-2	Phenol-d5	21.32		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.511		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.157		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	23.553		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	22.454		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.012		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.25		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.125		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.965		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	22.54		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.427		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	23.002		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BM4	SDG No.:	BN062024
Lab Sample ID:	P2710-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.4
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
BN032104.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.793		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	22.634		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	27.507		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.079		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	331919	7.634				
1146-65-2	Naphthalene-d8	1577759	10.416				
15067-26-2	Acenaphthene-d10	1087703	14.281				
1517-22-2	Phenanthrene-d10	2211004	17.028				
1719-03-5	Chrysene-d12	1534918	21.263				
1520-96-3	Perylene-d12	1410935	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	72	J			7.246	
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	460	J			13.181	
000057-10-3	n-Hexadecanoic acid	150	J			17.933	
1000406-04-8	Pentadecafluorooctanoic acid, octa	130	J			20.951	
E966796	Total Alkanes	49	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BM1	SDG No.:	BN062024
Lab Sample ID:	P2710-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.5
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
BN032105.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

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	350	ug/Kg
110-86-1	Pyridine	13	U	13	170	350	ug/Kg
108-95-2	Phenol	47	U	47	87	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	87	350	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	44.8	180	ug/Kg
95-48-7	2-Methylphenol	41	U	41	87	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	87	350	ug/Kg
98-86-2	Acetophenone	62	U	62	87	350	ug/Kg
106-44-5	4-Methylphenol	43	U	43	87	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	39	U	39	44.8	180	ug/Kg
67-72-1	Hexachloroethane	17	U	17	44.8	180	ug/Kg
98-95-3	Nitrobenzene	28	U	28	44.8	180	ug/Kg
78-59-1	Isophorone	38	U	38	44.8	180	ug/Kg
88-75-5	2-Nitrophenol	32	U	32	44.8	180	ug/Kg
105-67-9	2,4-Dimethylphenol	9	U	9	44.8	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	33	U	33	44.8	180	ug/Kg
120-83-2	2,4-Dichlorophenol	36	U	36	44.8	180	ug/Kg
91-20-3	Naphthalene	35	U	35	44.8	180	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	44.8	350	ug/Kg
87-68-3	Hexachlorobutadiene	27	U	27	44.8	180	ug/Kg
105-60-2	Caprolactam	42	U	42	87	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	38	U	38	44.8	180	ug/Kg
90-12-0	1-Methylnaphthalene	20	U	20	44.8	180	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	44.8	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	20	U	20	87	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	44.8	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	44.8	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BM1	SDG No.:	BN062024
Lab Sample ID:	P2710-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.5
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
BN032105.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	49	U	49	44.8	180	ug/Kg
91-58-7	2-Chloronaphthalene	46	U	46	44.8	180	ug/Kg
88-74-4	2-Nitroaniline	23	U	23	44.8	180	ug/Kg
131-11-3	Dimethylphthalate	40	U	40	44.8	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	44.8	180	ug/Kg
208-96-8	Acenaphthylene	49	U	49	44.8	180	ug/Kg
99-09-2	3-Nitroaniline	15	U	15	87	350	ug/Kg
83-32-9	Acenaphthene	53	U	53	44.8	180	ug/Kg
51-28-5	2,4-Dinitrophenol	34	U	34	87	350	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	87	350	ug/Kg
132-64-9	Dibenzofuran	42	U	42	44.8	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	14	U	14	44.8	180	ug/Kg
84-66-2	Diethylphthalate	43	U	43	44.8	180	ug/Kg
86-73-7	Fluorene	61	U	61	44.8	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51	U	51	44.8	180	ug/Kg
100-01-6	4-Nitroaniline	17	U	17	87	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	41	U	41	87	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	47	U	47	44.8	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	47	44.8	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	44.8	180	ug/Kg
118-74-1	Hexachlorobenzene	53	U	53	44.8	180	ug/Kg
1912-24-9	Atrazine	12	U	12	87	350	ug/Kg
87-86-5	Pentachlorophenol	40	U	40	87	350	ug/Kg
85-01-8	Phenanthrene	140	J	56	44.8	180	ug/Kg
608-93-5	Pentachlorobenzene	38	U	38	44.8	180	ug/Kg
120-12-7	Anthracene	50	U	50	44.8	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	5.9	U	5.9	44.8	180	ug/Kg
86-74-8	Carbazole	64	U	64	87	350	ug/Kg
84-74-2	Di-n-butylphthalate	60	U	60	44.8	180	ug/Kg
206-44-0	Fluoranthene	220		47	87	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BM1	SDG No.:	BN062024
Lab Sample ID:	P2710-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.5
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
BN032105.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	210		49	44.8	180	ug/Kg
85-68-7	Butylbenzylphthalate	45	U	45	44.8	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	87	350	ug/Kg
56-55-3	Benzo(a)anthracene	99	J	41	44.8	180	ug/Kg
218-01-9	Chrysene	100	J	49	44.8	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	45	U	45	44.8	180	ug/Kg
117-84-0	Di-n-octyl phthalate	45	U	45	87	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	86	J	51	44.8	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	61	U	61	44.8	180	ug/Kg
50-32-8	Benzo(a)pyrene	70	J	60	44.8	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47	U	47	44.8	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55	U	55	44.8	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	49	U	49	44.8	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55	U	55	44.8	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.433		15-120		30	SPK: -8
7291-22-7	Pyridine-d5	11.868		20-120		30	SPK: -40
4165-62-2	Phenol-d5	16.188		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.055		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.943		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	17.766		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	16.913		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.141		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.716		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.227		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.458		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	18.196		15-120		45	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.488		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	18.411		20-140		46	SPK: -40

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BM1	SDG No.:	BN062024
Lab Sample ID:	P2710-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.5
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
BN032105.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.688		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	18.427		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	22.03		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.915		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	344792	7.64				
1146-65-2	Naphthalene-d8	1651325	10.416				
15067-26-2	Acenaphthene-d10	1149415	14.281				
1517-22-2	Phenanthrene-d10	2306191	17.033				
1719-03-5	Chrysene-d12	1719030	21.263				
1520-96-3	Perylene-d12	1536255	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	230	J			13.175	
E966796	Total Alkanes	49	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B21	SDG No.:	BN062024
Lab Sample ID:	P2710-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.1
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
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
BN032106.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

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

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B21	SDG No.:	BN062024
Lab Sample ID:	P2710-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032106.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

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

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B21	SDG No.:	BN062024
Lab Sample ID:	P2710-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032106.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60	U	60	55.3	220	ug/Kg
85-68-7	Butylbenzylphthalate	56	U	56	55.3	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	33	U	33	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	51	U	51	55.3	220	ug/Kg
218-01-9	Chrysene	60	U	60	55.3	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56	U	56	55.3	220	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	62	U	62	55.3	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	75	U	75	55.3	220	ug/Kg
50-32-8	Benzo(a)pyrene	74	U	74	55.3	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	59	U	59	55.3	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	68	U	68	55.3	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	60	U	60	55.3	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	68	U	68	55.3	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.195		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	16.109		20-120		40	SPK: -40
4165-62-2	Phenol-d5	19.737		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.807		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.13		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	21.716		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	21.084		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.494		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.309		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.544		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.601		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	21.899		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.433		10-150		44	SPK: -40
81103-79-9	Fluorene-d10	21.966		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B21	SDG No.:	BN062024
Lab Sample ID:	P2710-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032106.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.8		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	21.828		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	25.745		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.973		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	332426	7.634				
1146-65-2	Naphthalene-d8	1589500	10.416				
15067-26-2	Acenaphthene-d10	1103790	14.281				
1517-22-2	Phenanthrene-d10	2272636	17.027				
1719-03-5	Chrysene-d12	1631866	21.263				
1520-96-3	Perylene-d12	1486048	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	110	J			17.933	
	(DEL) Alkane: Cyclic20.951	94	J			20.951	
E966796	Total Alkanes	94				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BN0	SDG No.:	BN062024
Lab Sample ID:	P2710-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	52
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
BN032107.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	25	U	25	13.8	140	ug/Kg
100-52-7	Benzaldehyde	100	U	100	170	690	ug/Kg
110-86-1	Pyridine	25	U	25	340	690	ug/Kg
108-95-2	Phenol	94	U	94	170	690	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	73	U	73	170	690	ug/Kg
95-57-8	2-Chlorophenol	46	U	46	88.5	350	ug/Kg
95-48-7	2-Methylphenol	81	U	81	170	690	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	170	690	ug/Kg
98-86-2	Acetophenone	120	U	120	170	690	ug/Kg
106-44-5	4-Methylphenol	85	U	85	170	690	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	77	U	77	88.5	350	ug/Kg
67-72-1	Hexachloroethane	33	U	33	88.5	350	ug/Kg
98-95-3	Nitrobenzene	56	U	56	88.5	350	ug/Kg
78-59-1	Isophorone	75	U	75	88.5	350	ug/Kg
88-75-5	2-Nitrophenol	63	U	63	88.5	350	ug/Kg
105-67-9	2,4-Dimethylphenol	18	U	18	88.5	350	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	65	U	65	88.5	350	ug/Kg
120-83-2	2,4-Dichlorophenol	71	U	71	88.5	350	ug/Kg
91-20-3	Naphthalene	69	U	69	88.5	350	ug/Kg
106-47-8	4-Chloroaniline	92	U	92	88.5	690	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	88.5	350	ug/Kg
105-60-2	Caprolactam	83	U	83	170	690	ug/Kg
59-50-7	4-Chloro-3-methylphenol	75	U	75	88.5	350	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	88.5	350	ug/Kg
91-57-6	2-Methylnaphthalene	77	U	77	88.5	350	ug/Kg
77-47-4	Hexachlorocyclopentadiene	40	U	40	170	690	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	88.5	350	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	88.5	350	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BN0	SDG No.:	BN062024
Lab Sample ID:	P2710-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	52
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
BN032107.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	96	U	96	88.5	350	ug/Kg
91-58-7	2-Chloronaphthalene	92	U	92	88.5	350	ug/Kg
88-74-4	2-Nitroaniline	46	U	46	88.5	350	ug/Kg
131-11-3	Dimethylphthalate	79	U	79	88.5	350	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	88.5	350	ug/Kg
208-96-8	Acenaphthylene	96	U	96	88.5	350	ug/Kg
99-09-2	3-Nitroaniline	29	U	29	170	690	ug/Kg
83-32-9	Acenaphthene	100	U	100	88.5	350	ug/Kg
51-28-5	2,4-Dinitrophenol	67	U	67	170	690	ug/Kg
100-02-7	4-Nitrophenol	23	U	23	170	690	ug/Kg
132-64-9	Dibenzofuran	83	U	83	88.5	350	ug/Kg
121-14-2	2,4-Dinitrotoluene	27	U	27	88.5	350	ug/Kg
84-66-2	Diethylphthalate	85	U	85	88.5	350	ug/Kg
86-73-7	Fluorene	120	U	120	88.5	350	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	88.5	350	ug/Kg
100-01-6	4-Nitroaniline	33	U	33	170	690	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81	U	81	170	690	ug/Kg
86-30-6	N-Nitrosodiphenylamine	94	U	94	88.5	350	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	94	U	94	88.5	350	ug/Kg
101-55-3	4-Bromophenyl-phenylether	210	U	210	88.5	350	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	88.5	350	ug/Kg
1912-24-9	Atrazine	23	U	23	170	690	ug/Kg
87-86-5	Pentachlorophenol	79	U	79	170	690	ug/Kg
85-01-8	Phenanthrene	200	J	110	88.5	350	ug/Kg
608-93-5	Pentachlorobenzene	75	U	75	88.5	350	ug/Kg
120-12-7	Anthracene	98	U	98	88.5	350	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	12	U	12	88.5	350	ug/Kg
86-74-8	Carbazole	130	U	130	170	690	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	88.5	350	ug/Kg
206-44-0	Fluoranthene	530		94	170	350	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BN0	SDG No.:	BN062024
Lab Sample ID:	P2710-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	52
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
BN032107.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	340	J	96	88.5	350	ug/Kg
85-68-7	Butylbenzylphthalate	90	U	90	88.5	350	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	170	690	ug/Kg
56-55-3	Benzo(a)anthracene	180	J	81	88.5	350	ug/Kg
218-01-9	Chrysene	240	J	96	88.5	350	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	370		90	88.5	350	ug/Kg
117-84-0	Di-n-octyl phthalate	90	U	90	170	690	ug/Kg
205-99-2	Benzo(b)fluoranthene	300	J	100	88.5	350	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	U	120	88.5	350	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	88.5	350	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	94	U	94	88.5	350	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	88.5	350	ug/Kg
191-24-2	Benzo(g,h,i)perylene	96	U	96	88.5	350	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	88.5	350	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.974		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	2.63	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	23.804		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.903		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.269		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	20.713		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	26.505		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.972		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.36		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.031		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.316		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	25.117		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.292		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	25.127		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BN0	SDG No.:	BN062024
Lab Sample ID:	P2710-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	52
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
BN032107.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.605		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	25.269		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	26.299		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.213		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	399522	7.634				
1146-65-2	Naphthalene-d8	1840303	10.416				
15067-26-2	Acenaphthene-d10	1239710	14.281				
1517-22-2	Phenanthrene-d10	2319497	17.028				
1719-03-5	Chrysene-d12	1583276	21.263				
1520-96-3	Perylene-d12	1750905	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	150	J			4.775	
000057-10-3	n-Hexadecanoic acid	360	J			17.933	
1000406-04-8	Pentadecafluorooctanoic acid, octa	230	J			20.951	
E966796	Total Alkanes	96	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BM3	SDG No.:	BN062024
Lab Sample ID:	P2710-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032108.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	26	U	26	14.3	140	ug/Kg
100-52-7	Benzaldehyde	100	U	100	180	720	ug/Kg
110-86-1	Pyridine	26	U	26	360	720	ug/Kg
108-95-2	Phenol	98	U	98	180	720	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	76	U	76	180	720	ug/Kg
95-57-8	2-Chlorophenol	48	U	48	92.2	370	ug/Kg
95-48-7	2-Methylphenol	85	U	85	180	720	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63	U	63	180	720	ug/Kg
98-86-2	Acetophenone	130	U	130	180	720	ug/Kg
106-44-5	4-Methylphenol	89	U	89	180	720	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	80	U	80	92.2	370	ug/Kg
67-72-1	Hexachloroethane	35	U	35	92.2	370	ug/Kg
98-95-3	Nitrobenzene	59	U	59	92.2	370	ug/Kg
78-59-1	Isophorone	78	U	78	92.2	370	ug/Kg
88-75-5	2-Nitrophenol	65	U	65	92.2	370	ug/Kg
105-67-9	2,4-Dimethylphenol	18	U	18	92.2	370	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	67	U	67	92.2	370	ug/Kg
120-83-2	2,4-Dichlorophenol	74	U	74	92.2	370	ug/Kg
91-20-3	Naphthalene	72	U	72	92.2	370	ug/Kg
106-47-8	4-Chloroaniline	95	U	95	92.2	720	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	92.2	370	ug/Kg
105-60-2	Caprolactam	87	U	87	180	720	ug/Kg
59-50-7	4-Chloro-3-methylphenol	78	U	78	92.2	370	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	92.2	370	ug/Kg
91-57-6	2-Methylnaphthalene	80	U	80	92.2	370	ug/Kg
77-47-4	Hexachlorocyclopentadiene	41	U	41	180	720	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	92.2	370	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	92.2	370	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BM3	SDG No.:	BN062024
Lab Sample ID:	P2710-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032108.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	100	U	100	92.2	370	ug/Kg
91-58-7	2-Chloronaphthalene	95	U	95	92.2	370	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	92.2	370	ug/Kg
131-11-3	Dimethylphthalate	82	U	82	92.2	370	ug/Kg
606-20-2	2,6-Dinitrotoluene	56	U	56	92.2	370	ug/Kg
208-96-8	Acenaphthylene	100	U	100	92.2	370	ug/Kg
99-09-2	3-Nitroaniline	30	U	30	180	720	ug/Kg
83-32-9	Acenaphthene	110	U	110	92.2	370	ug/Kg
51-28-5	2,4-Dinitrophenol	69	U	69	180	720	ug/Kg
100-02-7	4-Nitrophenol	24	U	24	180	720	ug/Kg
132-64-9	Dibenzofuran	87	U	87	92.2	370	ug/Kg
121-14-2	2,4-Dinitrotoluene	28	U	28	92.2	370	ug/Kg
84-66-2	Diethylphthalate	89	U	89	92.2	370	ug/Kg
86-73-7	Fluorene	130	U	130	92.2	370	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	92.2	370	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	180	720	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	85	U	85	180	720	ug/Kg
86-30-6	N-Nitrosodiphenylamine	98	U	98	92.2	370	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	98	U	98	92.2	370	ug/Kg
101-55-3	4-Bromophenyl-phenylether	210	U	210	92.2	370	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	92.2	370	ug/Kg
1912-24-9	Atrazine	24	U	24	180	720	ug/Kg
87-86-5	Pentachlorophenol	82	U	82	180	720	ug/Kg
85-01-8	Phenanthrene	310	J	110	92.2	370	ug/Kg
608-93-5	Pentachlorobenzene	78	U	78	92.2	370	ug/Kg
120-12-7	Anthracene	100	U	100	92.2	370	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	12	U	12	92.2	370	ug/Kg
86-74-8	Carbazole	130	U	130	180	720	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	92.2	370	ug/Kg
206-44-0	Fluoranthene	670		98	180	370	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BM3	SDG No.:	BN062024
Lab Sample ID:	P2710-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032108.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	440		100	92.2	370	ug/Kg
85-68-7	Butylbenzylphthalate	93	U	93	92.2	370	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54	U	54	180	720	ug/Kg
56-55-3	Benzo(a)anthracene	230	J	85	92.2	370	ug/Kg
218-01-9	Chrysene	260	J	100	92.2	370	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	260	J	93	92.2	370	ug/Kg
117-84-0	Di-n-octyl phthalate	93	U	93	180	720	ug/Kg
205-99-2	Benzo(b)fluoranthene	310	J	100	92.2	370	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	J	130	92.2	370	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	120	92.2	370	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	98	U	98	92.2	370	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	92.2	370	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	92.2	370	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	92.2	370	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.889		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	4.711	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	26.466		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.471		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.446		15-120		76	SPK: -40
190780-66-6	4-Methylphenol-d8	27.755		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	28.849		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.235		10-120		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.84		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.631		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.389		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	28.397		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.062		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	28.392		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BM3	SDG No.:	BN062024
Lab Sample ID:	P2710-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032108.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.629		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	29.404		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	32.104		10-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.278		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	378419	7.634				
1146-65-2	Naphthalene-d8	1810372	10.416				
15067-26-2	Acenaphthene-d10	1233523	14.281				
1517-22-2	Phenanthrene-d10	2360651	17.034				
1719-03-5	Chrysene-d12	1549449	21.263				
1520-96-3	Perylene-d12	1586581	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	160	J			4.775	
000057-10-3	n-Hexadecanoic acid	610	J			17.934	
000057-11-4	Octadecanoic acid	180	J			19.222	
1000406-04-8	Pentadecafluorooctanoic acid, octa	390	J			20.951	
E966796	Total Alkanes	100	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BL7	SDG No.:	BN062024
Lab Sample ID:	P2710-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.9
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
BN032109.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	10.3	100	ug/Kg
100-52-7	Benzaldehyde	75	U	75	130	510	ug/Kg
110-86-1	Pyridine	19	U	19	260	510	ug/Kg
108-95-2	Phenol	70	U	70	130	510	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	54	U	54	130	510	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	66.1	260	ug/Kg
95-48-7	2-Methylphenol	61	U	61	130	510	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	130	510	ug/Kg
98-86-2	Acetophenone	92	U	92	130	510	ug/Kg
106-44-5	4-Methylphenol	64	U	64	130	510	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	58	U	58	66.1	260	ug/Kg
67-72-1	Hexachloroethane	25	U	25	66.1	260	ug/Kg
98-95-3	Nitrobenzene	42	U	42	66.1	260	ug/Kg
78-59-1	Isophorone	56	U	56	66.1	260	ug/Kg
88-75-5	2-Nitrophenol	47	U	47	66.1	260	ug/Kg
105-67-9	2,4-Dimethylphenol	13	U	13	66.1	260	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	66.1	260	ug/Kg
120-83-2	2,4-Dichlorophenol	53	U	53	66.1	260	ug/Kg
91-20-3	Naphthalene	51	U	51	66.1	260	ug/Kg
106-47-8	4-Chloroaniline	68	U	68	66.1	510	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	66.1	260	ug/Kg
105-60-2	Caprolactam	62	U	62	130	510	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	66.1	260	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	66.1	260	ug/Kg
91-57-6	2-Methylnaphthalene	58	U	58	66.1	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	30	U	30	130	510	ug/Kg
88-06-2	2,4,6-Trichlorophenol	78	U	78	66.1	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	76	U	76	66.1	260	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BL7	SDG No.:	BN062024
Lab Sample ID:	P2710-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.9
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
BN032109.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	72	U	72	66.1	260	ug/Kg
91-58-7	2-Chloronaphthalene	68	U	68	66.1	260	ug/Kg
88-74-4	2-Nitroaniline	34	U	34	66.1	260	ug/Kg
131-11-3	Dimethylphthalate	59	U	59	66.1	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	40	U	40	66.1	260	ug/Kg
208-96-8	Acenaphthylene	72	U	72	66.1	260	ug/Kg
99-09-2	3-Nitroaniline	22	U	22	130	510	ug/Kg
83-32-9	Acenaphthene	78	U	78	66.1	260	ug/Kg
51-28-5	2,4-Dinitrophenol	50	U	50	130	510	ug/Kg
100-02-7	4-Nitrophenol	17	U	17	130	510	ug/Kg
132-64-9	Dibenzofuran	62	U	62	66.1	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	20	U	20	66.1	260	ug/Kg
84-66-2	Diethylphthalate	64	U	64	66.1	260	ug/Kg
86-73-7	Fluorene	90	U	90	66.1	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	75	U	75	66.1	260	ug/Kg
100-01-6	4-Nitroaniline	25	U	25	130	510	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	61	U	61	130	510	ug/Kg
86-30-6	N-Nitrosodiphenylamine	70	U	70	66.1	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	70	U	70	66.1	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	150	66.1	260	ug/Kg
118-74-1	Hexachlorobenzene	78	U	78	66.1	260	ug/Kg
1912-24-9	Atrazine	17	U	17	130	510	ug/Kg
87-86-5	Pentachlorophenol	59	U	59	130	510	ug/Kg
85-01-8	Phenanthrene	260		82	66.1	260	ug/Kg
608-93-5	Pentachlorobenzene	56	U	56	66.1	260	ug/Kg
120-12-7	Anthracene	73	U	73	66.1	260	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	8.7	U	8.7	66.1	260	ug/Kg
86-74-8	Carbazole	95	U	95	130	510	ug/Kg
84-74-2	Di-n-butylphthalate	89	U	89	66.1	260	ug/Kg
206-44-0	Fluoranthene	780		70	130	260	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BL7	SDG No.:	BN062024
Lab Sample ID:	P2710-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.9
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
BN032109.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	500		72	66.1	260	ug/Kg
85-68-7	Butylbenzylphthalate	67	U	67	66.1	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	39	U	39	130	510	ug/Kg
56-55-3	Benzo(a)anthracene	280		61	66.1	260	ug/Kg
218-01-9	Chrysene	320		72	66.1	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	J	67	66.1	260	ug/Kg
117-84-0	Di-n-octyl phthalate	67	U	67	130	510	ug/Kg
205-99-2	Benzo(b)fluoranthene	380		75	66.1	260	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	J	90	66.1	260	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	89	66.1	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	70	66.1	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81	U	81	66.1	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	72	U	72	66.1	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	81	U	81	66.1	260	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.781		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	2.102	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	24.32		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.637		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.317		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	24.298		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	26.342		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.145		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.734		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.019		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.461		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	26.485		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.629		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	27.473		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BL7	SDG No.:	BN062024
Lab Sample ID:	P2710-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.9
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
BN032109.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.993		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	27.429		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	30.629		10-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.055		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	350254	7.634				
1146-65-2	Naphthalene-d8	1625334	10.416				
15067-26-2	Acenaphthene-d10	1103860	14.281				
1517-22-2	Phenanthrene-d10	2237533	17.028				
1719-03-5	Chrysene-d12	1545448	21.263				
1520-96-3	Perylene-d12	1472800	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	110	J			4.769	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	120	J			7.246	
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	290	J			13.175	
000057-10-3	n-Hexadecanoic acid	610	J			17.933	
000057-11-4	Octadecanoic acid	180	J			19.222	
1000406-04-8	Pentadecafluorooctanoic acid, octa	320	J			20.951	
	(DEL) Alkane: Straight-Chain21.998	130	J			21.998	
	(DEL) Alkane: Straight-Chain25.174	280	J			25.174	
E966796	Total Alkanes	410				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BL9	SDG No.:	BN062024
Lab Sample ID:	P2710-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	3.1
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
BN032110.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	6.8	69	ug/Kg
100-52-7	Benzaldehyde	49	U	49	84.9	340	ug/Kg
110-86-1	Pyridine	12	U	12	170	340	ug/Kg
108-95-2	Phenol	46	U	46	84.9	340	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	84.9	340	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	43.7	170	ug/Kg
95-48-7	2-Methylphenol	40	U	40	84.9	340	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	30	U	30	84.9	340	ug/Kg
98-86-2	Acetophenone	61	U	61	84.9	340	ug/Kg
106-44-5	4-Methylphenol	42	U	42	84.9	340	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	38	U	38	43.7	170	ug/Kg
67-72-1	Hexachloroethane	16	U	16	43.7	170	ug/Kg
98-95-3	Nitrobenzene	28	U	28	43.7	170	ug/Kg
78-59-1	Isophorone	37	U	37	43.7	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	43.7	170	ug/Kg
105-67-9	2,4-Dimethylphenol	8.7	U	8.7	43.7	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	32	U	32	43.7	170	ug/Kg
120-83-2	2,4-Dichlorophenol	35	U	35	43.7	170	ug/Kg
91-20-3	Naphthalene	34	U	34	43.7	170	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	43.7	340	ug/Kg
87-68-3	Hexachlorobutadiene	27	U	27	43.7	170	ug/Kg
105-60-2	Caprolactam	41	U	41	84.9	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	37	U	37	43.7	170	ug/Kg
90-12-0	1-Methylnaphthalene	20	U	20	43.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	43.7	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	20	U	20	84.9	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	43.7	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	43.7	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BL9	SDG No.:	BN062024
Lab Sample ID:	P2710-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	3.1
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
BN032110.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	47	U	47	43.7	170	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	43.7	170	ug/Kg
88-74-4	2-Nitroaniline	23	U	23	43.7	170	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	43.7	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	43.7	170	ug/Kg
208-96-8	Acenaphthylene	47	U	47	43.7	170	ug/Kg
99-09-2	3-Nitroaniline	14	U	14	84.9	340	ug/Kg
83-32-9	Acenaphthene	51	U	51	43.7	170	ug/Kg
51-28-5	2,4-Dinitrophenol	33	U	33	84.9	340	ug/Kg
100-02-7	4-Nitrophenol	11	U	11	84.9	340	ug/Kg
132-64-9	Dibenzofuran	41	U	41	43.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	13	U	13	43.7	170	ug/Kg
84-66-2	Diethylphthalate	42	U	42	43.7	170	ug/Kg
86-73-7	Fluorene	60	U	60	43.7	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	49	U	49	43.7	170	ug/Kg
100-01-6	4-Nitroaniline	16	U	16	84.9	340	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	40	U	40	84.9	340	ug/Kg
86-30-6	N-Nitrosodiphenylamine	46	U	46	43.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	46	U	46	43.7	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	43.7	170	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	43.7	170	ug/Kg
1912-24-9	Atrazine	11	U	11	84.9	340	ug/Kg
87-86-5	Pentachlorophenol	39	U	39	84.9	340	ug/Kg
85-01-8	Phenanthrene	55	U	55	43.7	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	43.7	170	ug/Kg
120-12-7	Anthracene	48	U	48	43.7	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	5.8	U	5.8	43.7	170	ug/Kg
86-74-8	Carbazole	63	U	63	84.9	340	ug/Kg
84-74-2	Di-n-butylphthalate	59	U	59	43.7	170	ug/Kg
206-44-0	Fluoranthene	46	U	46	84.9	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BL9	SDG No.:	BN062024
Lab Sample ID:	P2710-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	3.1
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
BN032110.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	47	U	47	43.7	170	ug/Kg
85-68-7	Butylbenzylphthalate	44	U	44	43.7	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	84.9	340	ug/Kg
56-55-3	Benzo(a)anthracene	40	U	40	43.7	170	ug/Kg
218-01-9	Chrysene	47	U	47	43.7	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	43.7	170	ug/Kg
117-84-0	Di-n-octyl phthalate	44	U	44	84.9	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	U	49	43.7	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	60	U	60	43.7	170	ug/Kg
50-32-8	Benzo(a)pyrene	59	U	59	43.7	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	46	43.7	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53	U	53	43.7	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	47	U	47	43.7	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	53	U	53	43.7	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.132		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	14.283		20-120		36	SPK: -40
4165-62-2	Phenol-d5	18.918		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.774		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.271		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	20.076		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	20.048		10-135		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.325		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.231		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.156		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.605		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	20.826		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.597		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	20.457		20-140		51	SPK: -40

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BL9	SDG No.:	BN062024
Lab Sample ID:	P2710-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	3.1
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
BN032110.D	1	6/7/2024 12:00:00 AM	6/20/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.07		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	20.699		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	22.094		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.367		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	365275	7.634				
1146-65-2	Naphthalene-d8	1670402	10.416				
15067-26-2	Acenaphthene-d10	1053276	14.281				
1517-22-2	Phenanthrene-d10	1934511	17.028				
1719-03-5	Chrysene-d12	1524954	21.263				
1520-96-3	Perylene-d12	1665511	24.169				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	120	J			17.934	
	(DEL) Alkane: Cyclic	20.945	J			20.945	
E966796	Total Alkanes	92				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BL8	SDG No.:	BN062024
Lab Sample ID:	P2710-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	37
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
BN032111.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

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

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BL8	SDG No.:	BN062024
Lab Sample ID:	P2710-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	37
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032111.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	73	U	73	67.5	270	ug/Kg
91-58-7	2-Chloronaphthalene	70	U	70	67.5	270	ug/Kg
88-74-4	2-Nitroaniline	35	U	35	67.5	270	ug/Kg
131-11-3	Dimethylphthalate	60	U	60	67.5	270	ug/Kg
606-20-2	2,6-Dinitrotoluene	41	U	41	67.5	270	ug/Kg
208-96-8	Acenaphthylene	73	U	73	67.5	270	ug/Kg
99-09-2	3-Nitroaniline	22	U	22	130	520	ug/Kg
83-32-9	Acenaphthene	79	U	79	67.5	270	ug/Kg
51-28-5	2,4-Dinitrophenol	51	U	51	130	520	ug/Kg
100-02-7	4-Nitrophenol	17	U	17	130	520	ug/Kg
132-64-9	Dibenzofuran	63	U	63	67.5	270	ug/Kg
121-14-2	2,4-Dinitrotoluene	21	U	21	67.5	270	ug/Kg
84-66-2	Diethylphthalate	65	U	65	67.5	270	ug/Kg
86-73-7	Fluorene	92	U	92	67.5	270	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	76	U	76	67.5	270	ug/Kg
100-01-6	4-Nitroaniline	25	U	25	130	520	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	62	U	62	130	520	ug/Kg
86-30-6	N-Nitrosodiphenylamine	71	U	71	67.5	270	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	71	U	71	67.5	270	ug/Kg
101-55-3	4-Bromophenyl-phenylether	160	U	160	67.5	270	ug/Kg
118-74-1	Hexachlorobenzene	79	U	79	67.5	270	ug/Kg
1912-24-9	Atrazine	17	U	17	130	520	ug/Kg
87-86-5	Pentachlorophenol	60	U	60	130	520	ug/Kg
85-01-8	Phenanthrene	84	U	84	67.5	270	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	67.5	270	ug/Kg
120-12-7	Anthracene	75	U	75	67.5	270	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	8.9	U	8.9	67.5	270	ug/Kg
86-74-8	Carbazole	97	U	97	130	520	ug/Kg
84-74-2	Di-n-butylphthalate	90	U	90	67.5	270	ug/Kg
206-44-0	Fluoranthene	89	J	71	130	270	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BL8	SDG No.:	BN062024
Lab Sample ID:	P2710-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	37
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032111.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	76	J	73	67.5	270	ug/Kg
85-68-7	Butylbenzylphthalate	68	U	68	67.5	270	ug/Kg
91-94-1	3,3-Dichlorobenzidine	40	U	40	130	520	ug/Kg
56-55-3	Benzo(a)anthracene	62	U	62	67.5	270	ug/Kg
218-01-9	Chrysene	73	U	73	67.5	270	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	68	U	68	67.5	270	ug/Kg
117-84-0	Di-n-octyl phthalate	68	U	68	130	520	ug/Kg
205-99-2	Benzo(b)fluoranthene	76	U	76	67.5	270	ug/Kg
207-08-9	Benzo(k)fluoranthene	92	U	92	67.5	270	ug/Kg
50-32-8	Benzo(a)pyrene	90	U	90	67.5	270	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	71	U	71	67.5	270	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	83	U	83	67.5	270	ug/Kg
191-24-2	Benzo(g,h,i)perylene	73	U	73	67.5	270	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	83	U	83	67.5	270	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.112		15-120		26	SPK: -8
7291-22-7	Pyridine-d5	11.227		20-120		28	SPK: -40
4165-62-2	Phenol-d5	14.419		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.759		10-150		34	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.451		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	16.126		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	14.984		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.926		10-120		40	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.712		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.877		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.327		10-145		41	SPK: -40
93951-97-4	Acenaphthylene-d8	16.366		15-120		41	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.801		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	16.614		20-140		42	SPK: -40

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BL8	SDG No.:	BN062024
Lab Sample ID:	P2710-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	37
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032111.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.837		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	16.448		10-150		41	SPK: -40
1718-52-1	Pyrene-d10	21.31		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.851		10-140		42	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	371426	7.634				
1146-65-2	Naphthalene-d8	1834743	10.416				
15067-26-2	Acenaphthene-d10	1242204	14.281				
1517-22-2	Phenanthrene-d10	2468386	17.028				
1719-03-5	Chrysene-d12	1641324	21.257				
1520-96-3	Perylene-d12	1587284	24.168				
TENTATIVE IDENTIFIED COMPOUNDS							
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	330	J			13.175	
000057-10-3	n-Hexadecanoic acid	130	J			17.933	
	(DEL) Alkane: Straight-Chain20.951	110	J			20.951	
E966796	Total Alkanes	110				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BL4	SDG No.:	BN062024
Lab Sample ID:	P2710-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032112.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	21	U	21	11.4	120	ug/Kg
100-52-7	Benzaldehyde	83	U	83	140	570	ug/Kg
110-86-1	Pyridine	21	U	21	290	570	ug/Kg
108-95-2	Phenol	78	U	78	140	570	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	61	U	61	140	570	ug/Kg
95-57-8	2-Chlorophenol	38	U	38	73.5	290	ug/Kg
95-48-7	2-Methylphenol	67	U	67	140	570	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	50	U	50	140	570	ug/Kg
98-86-2	Acetophenone	100	U	100	140	570	ug/Kg
106-44-5	4-Methylphenol	71	U	71	140	570	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	64	U	64	73.5	290	ug/Kg
67-72-1	Hexachloroethane	28	U	28	73.5	290	ug/Kg
98-95-3	Nitrobenzene	47	U	47	73.5	290	ug/Kg
78-59-1	Isophorone	62	U	62	73.5	290	ug/Kg
88-75-5	2-Nitrophenol	52	U	52	73.5	290	ug/Kg
105-67-9	2,4-Dimethylphenol	15	U	15	73.5	290	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	73.5	290	ug/Kg
120-83-2	2,4-Dichlorophenol	59	U	59	73.5	290	ug/Kg
91-20-3	Naphthalene	57	U	57	73.5	290	ug/Kg
106-47-8	4-Chloroaniline	76	U	76	73.5	570	ug/Kg
87-68-3	Hexachlorobutadiene	45	U	45	73.5	290	ug/Kg
105-60-2	Caprolactam	69	U	69	140	570	ug/Kg
59-50-7	4-Chloro-3-methylphenol	62	U	62	73.5	290	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	73.5	290	ug/Kg
91-57-6	2-Methylnaphthalene	64	U	64	73.5	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	33	U	33	140	570	ug/Kg
88-06-2	2,4,6-Trichlorophenol	87	U	87	73.5	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	85	U	85	73.5	290	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BL4	SDG No.:	BN062024
Lab Sample ID:	P2710-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032112.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	80	U	80	73.5	290	ug/Kg
91-58-7	2-Chloronaphthalene	76	U	76	73.5	290	ug/Kg
88-74-4	2-Nitroaniline	38	U	38	73.5	290	ug/Kg
131-11-3	Dimethylphthalate	66	U	66	73.5	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	45	U	45	73.5	290	ug/Kg
208-96-8	Acenaphthylene	80	U	80	73.5	290	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	140	570	ug/Kg
83-32-9	Acenaphthene	87	U	87	73.5	290	ug/Kg
51-28-5	2,4-Dinitrophenol	55	U	55	140	570	ug/Kg
100-02-7	4-Nitrophenol	19	U	19	140	570	ug/Kg
132-64-9	Dibenzofuran	69	U	69	73.5	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	22	U	22	73.5	290	ug/Kg
84-66-2	Diethylphthalate	71	U	71	73.5	290	ug/Kg
86-73-7	Fluorene	100	U	100	73.5	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	83	U	83	73.5	290	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	140	570	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	67	U	67	140	570	ug/Kg
86-30-6	N-Nitrosodiphenylamine	78	U	78	73.5	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	78	U	78	73.5	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	170	U	170	73.5	290	ug/Kg
118-74-1	Hexachlorobenzene	87	U	87	73.5	290	ug/Kg
1912-24-9	Atrazine	19	U	19	140	570	ug/Kg
87-86-5	Pentachlorophenol	66	U	66	140	570	ug/Kg
85-01-8	Phenanthrene	360		92	73.5	290	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	73.5	290	ug/Kg
120-12-7	Anthracene	81	U	81	73.5	290	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	9.7	U	9.7	73.5	290	ug/Kg
86-74-8	Carbazole	110	U	110	140	570	ug/Kg
84-74-2	Di-n-butylphthalate	99	U	99	73.5	290	ug/Kg
206-44-0	Fluoranthene	920		78	140	290	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BL4	SDG No.:	BN062024
Lab Sample ID:	P2710-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032112.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	620		80	73.5	290	ug/Kg
85-68-7	Butylbenzylphthalate	74	U	74	73.5	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	43	U	43	140	570	ug/Kg
56-55-3	Benzo(a)anthracene	320		67	73.5	290	ug/Kg
218-01-9	Chrysene	380		80	73.5	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	180	J	74	73.5	290	ug/Kg
117-84-0	Di-n-octyl phthalate	74	U	74	140	570	ug/Kg
205-99-2	Benzo(b)fluoranthene	520		83	73.5	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	J	100	73.5	290	ug/Kg
50-32-8	Benzo(a)pyrene	180	J	99	73.5	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	78	73.5	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	90	U	90	73.5	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	73.5	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	90	U	90	73.5	290	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.695		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	0.812	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	18.44		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.415		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.051		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	19.437		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	20.626		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.617		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.004		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.563		1-145		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.308		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	20.625		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.626		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	21.299		20-140		53	SPK: -40

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4BL4	SDG No.:	BN062024
Lab Sample ID:	P2710-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032112.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.86		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	20.643		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	24.01		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.433		10-140		36	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	420581	7.634				
1146-65-2	Naphthalene-d8	1939917	10.416				
15067-26-2	Acenaphthene-d10	1299070	14.281				
1517-22-2	Phenanthrene-d10	2645780	17.028				
1719-03-5	Chrysene-d12	1749167	21.263				
1520-96-3	Perylene-d12	1711853	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	120	J			4.77	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	120	J			7.246	
000057-10-3	n-Hexadecanoic acid	430	J			17.934	
000057-11-4	Octadecanoic acid	140	J			19.222	
	(DEL) Alkane: Straight-Chain20.945	360	J			20.945	
	(DEL) Alkane: Straight-Chain21.998	170	J			21.998	
000544-77-4	Hexadecane, 1-iodo-	300	J			25.169	
E966796	Total Alkanes	530				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B89	SDG No.:	BN062024
Lab Sample ID:	P2710-25	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	2.3
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
BN032113.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	6.7	68	ug/Kg
100-52-7	Benzaldehyde	49	U	49	84.2	340	ug/Kg
110-86-1	Pyridine	12	U	12	170	340	ug/Kg
108-95-2	Phenol	46	U	46	84.2	340	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	84.2	340	ug/Kg
95-57-8	2-Chlorophenol	22	U	22	43.4	170	ug/Kg
95-48-7	2-Methylphenol	40	U	40	84.2	340	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	30	U	30	84.2	340	ug/Kg
98-86-2	Acetophenone	60	U	60	84.2	340	ug/Kg
106-44-5	4-Methylphenol	42	U	42	84.2	340	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	38	U	38	43.4	170	ug/Kg
67-72-1	Hexachloroethane	16	U	16	43.4	170	ug/Kg
98-95-3	Nitrobenzene	28	U	28	43.4	170	ug/Kg
78-59-1	Isophorone	37	U	37	43.4	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	43.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	8.7	U	8.7	43.4	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	32	U	32	43.4	170	ug/Kg
120-83-2	2,4-Dichlorophenol	35	U	35	43.4	170	ug/Kg
91-20-3	Naphthalene	34	U	34	43.4	170	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	43.4	340	ug/Kg
87-68-3	Hexachlorobutadiene	27	U	27	43.4	170	ug/Kg
105-60-2	Caprolactam	41	U	41	84.2	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	37	U	37	43.4	170	ug/Kg
90-12-0	1-Methylnaphthalene	19	U	19	43.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	43.4	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	19	U	19	84.2	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	43.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	43.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B89	SDG No.:	BN062024
Lab Sample ID:	P2710-25	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	2.3
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
BN032113.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	47	U	47	43.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	43.4	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	43.4	170	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	43.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	43.4	170	ug/Kg
208-96-8	Acenaphthylene	47	U	47	43.4	170	ug/Kg
99-09-2	3-Nitroaniline	14	U	14	84.2	340	ug/Kg
83-32-9	Acenaphthene	51	U	51	43.4	170	ug/Kg
51-28-5	2,4-Dinitrophenol	33	U	33	84.2	340	ug/Kg
100-02-7	4-Nitrophenol	11	U	11	84.2	340	ug/Kg
132-64-9	Dibenzofuran	41	U	41	43.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	13	U	13	43.4	170	ug/Kg
84-66-2	Diethylphthalate	42	U	42	43.4	170	ug/Kg
86-73-7	Fluorene	59	U	59	43.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	49	U	49	43.4	170	ug/Kg
100-01-6	4-Nitroaniline	16	U	16	84.2	340	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	40	U	40	84.2	340	ug/Kg
86-30-6	N-Nitrosodiphenylamine	46	U	46	43.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	46	U	46	43.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	43.4	170	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	43.4	170	ug/Kg
1912-24-9	Atrazine	11	U	11	84.2	340	ug/Kg
87-86-5	Pentachlorophenol	39	U	39	84.2	340	ug/Kg
85-01-8	Phenanthrene	54	U	54	43.4	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	43.4	170	ug/Kg
120-12-7	Anthracene	48	U	48	43.4	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	5.7	U	5.7	43.4	170	ug/Kg
86-74-8	Carbazole	62	U	62	84.2	340	ug/Kg
84-74-2	Di-n-butylphthalate	58	U	58	43.4	170	ug/Kg
206-44-0	Fluoranthene	46	U	46	84.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B89	SDG No.:	BN062024
Lab Sample ID:	P2710-25	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	2.3
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
BN032113.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	47	U	47	43.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	44	U	44	43.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	84.2	340	ug/Kg
56-55-3	Benzo(a)anthracene	40	U	40	43.4	170	ug/Kg
218-01-9	Chrysene	47	U	47	43.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	43.4	170	ug/Kg
117-84-0	Di-n-octyl phthalate	44	U	44	84.2	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	U	49	43.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	59	U	59	43.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	58	U	58	43.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	46	43.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53	U	53	43.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	47	U	47	43.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	53	U	53	43.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.266		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	16.606		20-120		42	SPK: -40
4165-62-2	Phenol-d5	20.665		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.423		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.51		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	23.091		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	22.29		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.959		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.051		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.745		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.824		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	23.099		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.227		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	23.155		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B89	SDG No.:	BN062024
Lab Sample ID:	P2710-25	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	2.3
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
BN032113.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.373		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	23.372		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	26.495		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.142		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	367478	7.634				
1146-65-2	Naphthalene-d8	1741790	10.416				
15067-26-2	Acenaphthene-d10	1191270	14.281				
1517-22-2	Phenanthrene-d10	2370037	17.028				
1719-03-5	Chrysene-d12	1816877	21.263				
1520-96-3	Perylene-d12	1641317	24.168				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	96	J			17.933	
	(DEL) Alkane: Cyclic	20.945	J			20.945	
E966796	Total Alkanes	84				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	SBLK390	SDG No.:	BN062024
Lab Sample ID:	PB161390BL	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
BN032115.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

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

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	SBLK390	SDG No.:	BN062024
Lab Sample ID:	PB161390BL	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
BN032115.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

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

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	SBLK390	SDG No.:	BN062024
Lab Sample ID:	PB161390BL	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
BN032115.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	46	U	46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	43	U	43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	46	U	46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43	U	43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	U	52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.731		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	23.214		20-120		58	SPK: -40
4165-62-2	Phenol-d5	26.511		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.659		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.956		15-120		75	SPK: -40
190780-66-6	4-Methylphenol-d8	28.479		10-140		71	SPK: -40
4165-60-0	Nitrobenzene-d5	28.546		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.599		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.032		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.282		1-145		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.122		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	28.269		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.405		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	28.546		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	SBLK390	SDG No.:	BN062024
Lab Sample ID:	PB161390BL	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
BN032115.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.929		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	29.373		10-150		73	SPK: -40
1718-52-1	Pyrene-d10	33.777		10-130		84	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.717		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	362840	7.634				
1146-65-2	Naphthalene-d8	1699599	10.416				
15067-26-2	Acenaphthene-d10	1181469	14.281				
1517-22-2	Phenanthrene-d10	2466701	17.028				
1719-03-5	Chrysene-d12	1879079	21.263				
1520-96-3	Perylene-d12	1790365	24.168				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg



Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK	SDG No.:	BN062024
Lab Sample ID:	P2894-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032116.D	1	6/17/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	36	U	36	19.8	200	ug/Kg
100-52-7	Benzaldehyde	140	U	140	250	990	ug/Kg
110-86-1	Pyridine	36	U	36	500	990	ug/Kg
108-95-2	Phenol	140	U	140	250	990	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	110	U	110	250	990	ug/Kg
95-57-8	2-Chlorophenol	66	U	66	130	510	ug/Kg
95-48-7	2-Methylphenol	120	U	120	250	990	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	87	U	87	250	990	ug/Kg
98-86-2	Acetophenone	180	U	180	250	990	ug/Kg
106-44-5	4-Methylphenol	120	U	120	250	990	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	130	510	ug/Kg
67-72-1	Hexachloroethane	48	U	48	130	510	ug/Kg
98-95-3	Nitrobenzene	81	U	81	130	510	ug/Kg
78-59-1	Isophorone	110	U	110	130	510	ug/Kg
88-75-5	2-Nitrophenol	90	U	90	130	510	ug/Kg
105-67-9	2,4-Dimethylphenol	26	U	26	130	510	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	93	U	93	130	510	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	130	510	ug/Kg
91-20-3	Naphthalene	99	U	99	130	510	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	130	990	ug/Kg
87-68-3	Hexachlorobutadiene	78	U	78	130	510	ug/Kg
105-60-2	Caprolactam	120	U	120	250	990	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	130	510	ug/Kg
90-12-0	1-Methylnaphthalene	57	U	57	130	510	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	130	510	ug/Kg
77-47-4	Hexachlorocyclopentadiene	57	U	57	250	990	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	130	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	150	130	510	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK	SDG No.:	BN062024
Lab Sample ID:	P2894-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032116.D	1	6/17/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161524

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



Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK	SDG No.:	BN062024
Lab Sample ID:	P2894-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Cleanup :	
		GPC Factor :	
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032116.D	1	6/17/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	140	U	140	130	510	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	130	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	75	U	75	250	990	ug/Kg
56-55-3	Benzo(a)anthracene	120	U	120	130	510	ug/Kg
218-01-9	Chrysene	140	U	140	130	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	130	510	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	250	990	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	U	140	130	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	U	170	130	510	ug/Kg
50-32-8	Benzo(a)pyrene	170	U	170	130	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	140	130	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	U	160	130	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	U	140	130	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	160	130	510	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0	U	10-150		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	15-120		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	10-140		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	10-135		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	10-120		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	10-140		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	10-145		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	20-140		0	SPK: -40



Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK	SDG No.:	BN062024
Lab Sample ID:	P2894-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032116.D	1	6/17/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161524

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	0	U	10-150		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	329330	7.634				
1146-65-2	Naphthalene-d8	1524169	10.416				
15067-26-2	Acenaphthene-d10	1074982	14.281				
1517-22-2	Phenanthrene-d10	2232988	17.027				
1719-03-5	Chrysene-d12	1706457	21.263				
1520-96-3	Perylene-d12	1585652	24.168				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	140	U			99	ug/Kg



Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BN062024
Lab Sample ID:	P2894-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032117.D	1	6/17/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	36	U	36	19.8	200	ug/Kg
100-52-7	Benzaldehyde	140	U	140	250	990	ug/Kg
110-86-1	Pyridine	36	U	36	500	990	ug/Kg
108-95-2	Phenol	140	U	140	250	990	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	110	U	110	250	990	ug/Kg
95-57-8	2-Chlorophenol	66	U	66	130	510	ug/Kg
95-48-7	2-Methylphenol	120	U	120	250	990	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	87	U	87	250	990	ug/Kg
98-86-2	Acetophenone	180	U	180	250	990	ug/Kg
106-44-5	4-Methylphenol	120	U	120	250	990	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	130	510	ug/Kg
67-72-1	Hexachloroethane	48	U	48	130	510	ug/Kg
98-95-3	Nitrobenzene	81	U	81	130	510	ug/Kg
78-59-1	Isophorone	110	U	110	130	510	ug/Kg
88-75-5	2-Nitrophenol	90	U	90	130	510	ug/Kg
105-67-9	2,4-Dimethylphenol	26	U	26	130	510	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	93	U	93	130	510	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	130	510	ug/Kg
91-20-3	Naphthalene	99	U	99	130	510	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	130	990	ug/Kg
87-68-3	Hexachlorobutadiene	78	U	78	130	510	ug/Kg
105-60-2	Caprolactam	120	U	120	250	990	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	130	510	ug/Kg
90-12-0	1-Methylnaphthalene	57	U	57	130	510	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	130	510	ug/Kg
77-47-4	Hexachlorocyclopentadiene	57	U	57	250	990	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	130	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	150	130	510	ug/Kg



Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BN062024
Lab Sample ID:	P2894-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032117.D	1	6/17/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	140	U	140	130	510	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	130	510	ug/Kg
88-74-4	2-Nitroaniline	66	U	66	130	510	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	130	510	ug/Kg
606-20-2	2,6-Dinitrotoluene	78	U	78	130	510	ug/Kg
208-96-8	Acenaphthylene	140	U	140	130	510	ug/Kg
99-09-2	3-Nitroaniline	42	U	42	250	990	ug/Kg
83-32-9	Acenaphthene	150	U	150	130	510	ug/Kg
51-28-5	2,4-Dinitrophenol	96	U	96	250	990	ug/Kg
100-02-7	4-Nitrophenol	33	U	33	250	990	ug/Kg
132-64-9	Dibenzofuran	120	U	120	130	510	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	130	510	ug/Kg
84-66-2	Diethylphthalate	120	U	120	130	510	ug/Kg
86-73-7	Fluorene	170	U	170	130	510	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	140	130	510	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	250	990	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	250	990	ug/Kg
86-30-6	N-Nitrosodiphenylamine	140	U	140	130	510	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	130	510	ug/Kg
101-55-3	4-Bromophenyl-phenylether	300	U	300	130	510	ug/Kg
118-74-1	Hexachlorobenzene	150	U	150	130	510	ug/Kg
1912-24-9	Atrazine	33	U	33	250	990	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	250	990	ug/Kg
85-01-8	Phenanthrene	160	U	160	130	510	ug/Kg
608-93-5	Pentachlorobenzene	110	U	110	130	510	ug/Kg
120-12-7	Anthracene	140	U	140	130	510	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	130	510	ug/Kg
86-74-8	Carbazole	180	U	180	250	990	ug/Kg
84-74-2	Di-n-butylphthalate	170	U	170	130	510	ug/Kg
206-44-0	Fluoranthene	140	U	140	250	510	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:	SVOC-GPC2-BLANK	SDG No.:	BN062024
Lab Sample ID:	P2894-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032117.D	1	6/17/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	140	U	140	130	510	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	130	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	75	U	75	250	990	ug/Kg
56-55-3	Benzo(a)anthracene	120	U	120	130	510	ug/Kg
218-01-9	Chrysene	140	U	140	130	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	130	510	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	250	990	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	U	140	130	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	U	170	130	510	ug/Kg
50-32-8	Benzo(a)pyrene	170	U	170	130	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	140	130	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	U	160	130	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	U	140	130	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	160	130	510	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0	U	10-150		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	15-120		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	10-140		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	10-135		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	10-120		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	10-140		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	10-145		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	20-140		0	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:	SVOC-GPC2-BLANK	SDG No.:	BN062024
Lab Sample ID:	P2894-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032117.D	1	6/17/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161525

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	0	U	10-150		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	344118	7.634				
1146-65-2	Naphthalene-d8	1603129	10.416				
15067-26-2	Acenaphthene-d10	1114643	14.281				
1517-22-2	Phenanthrene-d10	2265795	17.028				
1719-03-5	Chrysene-d12	1658726	21.263				
1520-96-3	Perylene-d12	1488608	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	140	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B87	SDG No.:	BN062024
Lab Sample ID:	P2710-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032118.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	18	U	18	9.9	100	ug/Kg
110-86-1	Pyridine	18	U	18	250	490	ug/Kg
100-52-7	Benzaldehyde	72	U	72	120	490	ug/Kg
108-95-2	Phenol	86	J	67	120	490	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	52	U	52	120	490	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	63.6	250	ug/Kg
95-48-7	2-Methylphenol	58	U	58	120	490	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43	U	43	120	490	ug/Kg
98-86-2	Acetophenone	88	U	88	120	490	ug/Kg
106-44-5	4-Methylphenol	61	U	61	120	490	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	55	U	55	63.6	250	ug/Kg
67-72-1	Hexachloroethane	24	U	24	63.6	250	ug/Kg
98-95-3	Nitrobenzene	40	U	40	63.6	250	ug/Kg
78-59-1	Isophorone	54	U	54	63.6	250	ug/Kg
88-75-5	2-Nitrophenol	45	U	45	63.6	250	ug/Kg
105-67-9	2,4-Dimethylphenol	13	U	13	63.6	250	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	63.6	250	ug/Kg
120-83-2	2,4-Dichlorophenol	51	U	51	63.6	250	ug/Kg
91-20-3	Naphthalene	100	J	49	63.6	250	ug/Kg
106-47-8	4-Chloroaniline	66	U	66	63.6	490	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	63.6	250	ug/Kg
105-60-2	Caprolactam	60	U	60	120	490	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	63.6	250	ug/Kg
90-12-0	1-Methylnaphthalene	57	J	28	63.6	250	ug/Kg
91-57-6	2-Methylnaphthalene	65	J	55	63.6	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	28	U	28	120	490	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75	U	75	63.6	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73	U	73	63.6	250	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B87	SDG No.:	BN062024
Lab Sample ID:	P2710-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032118.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	69	U	69	63.6	250	ug/Kg
91-58-7	2-Chloronaphthalene	66	U	66	63.6	250	ug/Kg
88-74-4	2-Nitroaniline	33	U	33	63.6	250	ug/Kg
131-11-3	Dimethylphthalate	57	U	57	63.6	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	39	U	39	63.6	250	ug/Kg
208-96-8	Acenaphthylene	86	J	69	63.6	250	ug/Kg
99-09-2	3-Nitroaniline	21	U	21	120	490	ug/Kg
83-32-9	Acenaphthene	240	J	75	63.6	250	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	120	490	ug/Kg
100-02-7	4-Nitrophenol	16	U	16	120	490	ug/Kg
132-64-9	Dibenzofuran	170	J	60	63.6	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	19	U	19	63.6	250	ug/Kg
84-66-2	Diethylphthalate	61	U	61	63.6	250	ug/Kg
86-73-7	Fluorene	290		87	63.6	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	72	U	72	63.6	250	ug/Kg
100-01-6	4-Nitroaniline	24	U	24	120	490	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	58	U	58	120	490	ug/Kg
86-30-6	N-Nitrosodiphenylamine	67	U	67	63.6	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	67	U	67	63.6	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	150	63.6	250	ug/Kg
118-74-1	Hexachlorobenzene	75	U	75	63.6	250	ug/Kg
1912-24-9	Atrazine	16	U	16	120	490	ug/Kg
87-86-5	Pentachlorophenol	57	U	57	120	490	ug/Kg
85-01-8	Phenanthrene	2500		79	63.6	250	ug/Kg
608-93-5	Pentachlorobenzene	54	U	54	63.6	250	ug/Kg
120-12-7	Anthracene	550		70	63.6	250	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	8.4	U	8.4	63.6	250	ug/Kg
86-74-8	Carbazole	280	J	91	120	490	ug/Kg
84-74-2	Di-n-butylphthalate	85	U	85	63.6	250	ug/Kg
206-44-0	Fluoranthene	3900		67	120	250	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B87	SDG No.:	BN062024
Lab Sample ID:	P2710-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032118.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2800		69	63.6	250	ug/Kg
85-68-7	Butylbenzylphthalate	160	J	64	63.6	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	37	U	37	120	490	ug/Kg
56-55-3	Benzo(a)anthracene	1500		58	63.6	250	ug/Kg
218-01-9	Chrysene	1600		69	63.6	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	520		64	63.6	250	ug/Kg
117-84-0	Di-n-octyl phthalate	64	U	64	120	490	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		72	63.6	250	ug/Kg
207-08-9	Benzo(k)fluoranthene	590		87	63.6	250	ug/Kg
50-32-8	Benzo(a)pyrene	720		85	63.6	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	520		67	63.6	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	240	J	78	63.6	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	83	J	69	63.6	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	78	U	78	63.6	250	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	7.427	*	20-120		19	SPK: -40
17647-74-4	1,4-Dioxane-d8	5.78		15-120		72	SPK: -8
4165-62-2	Phenol-d5	38.296		10-130		96	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.264		10-150		88	SPK: -40
93951-73-6	2-Chlorophenol-d4	43.52		15-120		109	SPK: -40
190780-66-6	4-Methylphenol-d8	39.834		10-140		100	SPK: -40
4165-60-0	Nitrobenzene-d5	42.235		10-135		106	SPK: -40
93951-78-1	2-Nitrophenol-d4	45.281		10-120		113	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	43.241		10-140		108	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.339		1-145		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	40.858		10-145		102	SPK: -40
93951-97-4	Acenaphthylene-d8	41.631		15-120		104	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.111		10-150		85	SPK: -40
81103-79-9	Fluorene-d10	40.746		20-140		102	SPK: -40

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B87	SDG No.:	BN062024
Lab Sample ID:	P2710-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.4
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
BN032118.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.944		10-130		87	SPK: -40
1719-06-8	Anthracene-d10	40.153		10-150		100	SPK: -40
1718-52-1	Pyrene-d10	43.708		10-130		109	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.09		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	398361	7.634				
1146-65-2	Naphthalene-d8	1799864	10.416				
15067-26-2	Acenaphthene-d10	1210847	14.281				
1517-22-2	Phenanthrene-d10	2515891	17.034				
1719-03-5	Chrysene-d12	1591586	21.269				
1520-96-3	Perylene-d12	1639292	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	130	J			4.769	
002051-62-9	1,1-Biphenyl, 4-chloro-	130	J			14.404	
013029-08-8	1,1-Biphenyl, 2,2-dichloro-	310	J			15.54	
016605-91-7	1,1-Biphenyl, 2,3-dichloro-	120	J			16.263	
037680-65-2	1,1-Biphenyl, 2,2,5-trichloro-	230	J			16.563	
000486-25-9	9H-Fluoren-9-one	100	J			16.686	
000132-65-0	Dibenzothiophene	150	J			16.845	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	210	J			17.622	
002531-84-2	Phenanthrene, 2-methyl-	330	J			17.904	
000057-10-3	n-Hexadecanoic acid	850	J			17.939	
000203-64-5	4H-Cyclopenta[def]phenanthrene	610	J			18.098	
000949-41-7	1H-Cyclopropa[l]phenanthrene, 1a,9b-dihydro	240	J			18.134	
002437-79-8	1,1-Biphenyl, 2,2,4,4-tetrachlo	150	J			18.204	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	180	J			18.41	
000084-65-1	9,10-Anthracenedione	230	J			18.457	
003674-66-6	Phenanthrene, 2,5-dimethyl-	170	J			18.828	
005737-13-3	Cyclopenta(def)phenanthrenone	170	J			18.975	

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B87	SDG No.:	BN062024
Lab Sample ID:	P2710-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032118.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000057-11-4	Octadecanoic acid	120	J			19.222	
002381-21-7	Pyrene, 1-methyl-	150	J			19.78	
033543-31-6	Fluoranthene, 2-methyl-	230	J			19.957	
000243-17-4	11H-Benzo[b]fluorene	150	J			20.057	
003353-12-6	Pyrene, 4-methyl-	140	J			20.116	
000479-79-8	11H-Benzo[a]fluoren-11-one	100	J			20.71	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	100	J			20.875	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	330	J			20.951	
000082-05-3	7H-Benz[de]anthracen-7-one	100	J			21.022	
	(DEL) Alkane: Straight-Chain21.998	130	J			21.998	
000192-97-2	Benzo[e]pyrene	210	J			23.91	
E966796	Total Alkanes	130				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B87MS	SDG No.:	BN062024
Lab Sample ID:	P2710-22MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.4
Sample Wt/Vol:	30.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032119.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	610		18	9.9	100	ug/Kg
100-52-7	Benzaldehyde	1500		72	120	490	ug/Kg
110-86-1	Pyridine	940		18	250	490	ug/Kg
108-95-2	Phenol	2100		67	120	490	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1900		52	120	490	ug/Kg
95-57-8	2-Chlorophenol	2200		33	63.7	250	ug/Kg
95-48-7	2-Methylphenol	2100		58	120	490	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1800		43	120	490	ug/Kg
98-86-2	Acetophenone	2100		88	120	490	ug/Kg
106-44-5	4-Methylphenol	2200		61	120	490	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1900		55	63.7	250	ug/Kg
67-72-1	Hexachloroethane	1600		24	63.7	250	ug/Kg
98-95-3	Nitrobenzene	1900		40	63.7	250	ug/Kg
78-59-1	Isophorone	1800		54	63.7	250	ug/Kg
88-75-5	2-Nitrophenol	2300		45	63.7	250	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		13	63.7	250	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1800		46	63.7	250	ug/Kg
120-83-2	2,4-Dichlorophenol	2300		51	63.7	250	ug/Kg
91-20-3	Naphthalene	2100		49	63.7	250	ug/Kg
106-47-8	4-Chloroaniline	1500		66	63.7	490	ug/Kg
87-68-3	Hexachlorobutadiene	2200		39	63.7	250	ug/Kg
105-60-2	Caprolactam	1800		60	120	490	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2200		54	63.7	250	ug/Kg
90-12-0	1-Methylnaphthalene	2200		28	63.7	250	ug/Kg
91-57-6	2-Methylnaphthalene	2200		55	63.7	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	880		28	120	490	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2300		75	63.7	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2300		73	63.7	250	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B87MS	SDG No.:	BN062024
Lab Sample ID:	P2710-22MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.4
Sample Wt/Vol:	30.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032119.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	2100		69	63.7	250	ug/Kg
91-58-7	2-Chloronaphthalene	2100		66	63.7	250	ug/Kg
88-74-4	2-Nitroaniline	2000		33	63.7	250	ug/Kg
131-11-3	Dimethylphthalate	2100		57	63.7	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	2300		39	63.7	250	ug/Kg
208-96-8	Acenaphthylene	2000		69	63.7	250	ug/Kg
99-09-2	3-Nitroaniline	2200		21	120	490	ug/Kg
83-32-9	Acenaphthene	2200		75	63.7	250	ug/Kg
51-28-5	2,4-Dinitrophenol	2300		48	120	490	ug/Kg
100-02-7	4-Nitrophenol	2200		16	120	490	ug/Kg
132-64-9	Dibenzofuran	2100		60	63.7	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	2200		19	63.7	250	ug/Kg
84-66-2	Diethylphthalate	2100		61	63.7	250	ug/Kg
86-73-7	Fluorene	2100		87	63.7	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1900		72	63.7	250	ug/Kg
100-01-6	4-Nitroaniline	2500		24	120	490	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2300		58	120	490	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2200		67	63.7	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2200		67	63.7	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2300		150	63.7	250	ug/Kg
118-74-1	Hexachlorobenzene	1800		75	63.7	250	ug/Kg
1912-24-9	Atrazine	2200		16	120	490	ug/Kg
87-86-5	Pentachlorophenol	2100		57	120	490	ug/Kg
85-01-8	Phenanthrene	3600		79	63.7	250	ug/Kg
608-93-5	Pentachlorobenzene	2000		54	63.7	250	ug/Kg
120-12-7	Anthracene	2300		70	63.7	250	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2300		8.4	63.7	250	ug/Kg
86-74-8	Carbazole	2200		91	120	490	ug/Kg
84-74-2	Di-n-butylphthalate	2200		85	63.7	250	ug/Kg
206-44-0	Fluoranthene	5300	E	67	120	250	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B87MS	SDG No.:	BN062024
Lab Sample ID:	P2710-22MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.4
Sample Wt/Vol:	30.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032119.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4100	E	69	63.7	250	ug/Kg
85-68-7	Butylbenzylphthalate	3100		64	63.7	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		37	120	490	ug/Kg
56-55-3	Benzo(a)anthracene	3300		58	63.7	250	ug/Kg
218-01-9	Chrysene	3500		69	63.7	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3200		64	63.7	250	ug/Kg
117-84-0	Di-n-octyl phthalate	2900		64	120	490	ug/Kg
205-99-2	Benzo(b)fluoranthene	3500		72	63.7	250	ug/Kg
207-08-9	Benzo(k)fluoranthene	2600		87	63.7	250	ug/Kg
50-32-8	Benzo(a)pyrene	1500		85	63.7	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2100		67	63.7	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2400		78	63.7	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	260		69	63.7	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2200		78	63.7	250	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.765		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	13.808		20-120		35	SPK: -40
4165-62-2	Phenol-d5	32.254		10-130		81	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.383		10-150		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.764		15-120		92	SPK: -40
190780-66-6	4-Methylphenol-d8	34.054		10-140		85	SPK: -40
4165-60-0	Nitrobenzene-d5	35.029		10-135		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.348		10-120		96	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.394		10-140		93	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.497		1-145		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.44		10-145		89	SPK: -40
93951-97-4	Acenaphthylene-d8	34.394		15-120		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.162		10-150		78	SPK: -40
81103-79-9	Fluorene-d10	35.213		20-140		88	SPK: -40

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B87MS	SDG No.:	BN062024
Lab Sample ID:	P2710-22MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.4
Sample Wt/Vol:	30.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032119.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.208		10-130		91	SPK: -40
1719-06-8	Anthracene-d10	34.519		10-150		86	SPK: -40
1718-52-1	Pyrene-d10	39.338		10-130		98	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.732		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	381598	7.634				
1146-65-2	Naphthalene-d8	1795783	10.416				
15067-26-2	Acenaphthene-d10	1208117	14.281				
1517-22-2	Phenanthrene-d10	2454375	17.034				
1719-03-5	Chrysene-d12	1443445	21.274				
1520-96-3	Perylene-d12	1582719	24.18				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	69	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B87MSD	SDG No.:	BN062024
Lab Sample ID:	P2710-23MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032120.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	600		18	9.9	100	ug/Kg
100-52-7	Benzaldehyde	1400		72	120	490	ug/Kg
110-86-1	Pyridine	930		18	250	490	ug/Kg
108-95-2	Phenol	2100		67	120	490	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1800		52	120	490	ug/Kg
95-57-8	2-Chlorophenol	2200		33	63.7	250	ug/Kg
95-48-7	2-Methylphenol	2100		58	120	490	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1800		43	120	490	ug/Kg
98-86-2	Acetophenone	2100		88	120	490	ug/Kg
106-44-5	4-Methylphenol	2100		61	120	490	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1800		55	63.7	250	ug/Kg
67-72-1	Hexachloroethane	1600		24	63.7	250	ug/Kg
98-95-3	Nitrobenzene	1900		40	63.7	250	ug/Kg
78-59-1	Isophorone	1800		54	63.7	250	ug/Kg
88-75-5	2-Nitrophenol	2300		45	63.7	250	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		13	63.7	250	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1800		46	63.7	250	ug/Kg
120-83-2	2,4-Dichlorophenol	2300		51	63.7	250	ug/Kg
91-20-3	Naphthalene	2100		49	63.7	250	ug/Kg
106-47-8	4-Chloroaniline	1500		66	63.7	490	ug/Kg
87-68-3	Hexachlorobutadiene	2200		39	63.7	250	ug/Kg
105-60-2	Caprolactam	1900		60	120	490	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2200		54	63.7	250	ug/Kg
90-12-0	1-Methylnaphthalene	2200		28	63.7	250	ug/Kg
91-57-6	2-Methylnaphthalene	2200		55	63.7	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	990		28	120	490	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2300		75	63.7	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2300		73	63.7	250	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B87MSD	SDG No.:	BN062024
Lab Sample ID:	P2710-23MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032120.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	2100		69	63.7	250	ug/Kg
91-58-7	2-Chloronaphthalene	2100		66	63.7	250	ug/Kg
88-74-4	2-Nitroaniline	2000		33	63.7	250	ug/Kg
131-11-3	Dimethylphthalate	2100		57	63.7	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	2300		39	63.7	250	ug/Kg
208-96-8	Acenaphthylene	2000		69	63.7	250	ug/Kg
99-09-2	3-Nitroaniline	2200		21	120	490	ug/Kg
83-32-9	Acenaphthene	2200		75	63.7	250	ug/Kg
51-28-5	2,4-Dinitrophenol	2400		48	120	490	ug/Kg
100-02-7	4-Nitrophenol	2200		16	120	490	ug/Kg
132-64-9	Dibenzofuran	2100		60	63.7	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	2200		19	63.7	250	ug/Kg
84-66-2	Diethylphthalate	2100		61	63.7	250	ug/Kg
86-73-7	Fluorene	2000		87	63.7	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1900		72	63.7	250	ug/Kg
100-01-6	4-Nitroaniline	2400		24	120	490	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2400		58	120	490	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2200		67	63.7	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2200		67	63.7	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2300		150	63.7	250	ug/Kg
118-74-1	Hexachlorobenzene	1800		75	63.7	250	ug/Kg
1912-24-9	Atrazine	2200		16	120	490	ug/Kg
87-86-5	Pentachlorophenol	2000		57	120	490	ug/Kg
85-01-8	Phenanthrene	3500		79	63.7	250	ug/Kg
608-93-5	Pentachlorobenzene	2000		54	63.7	250	ug/Kg
120-12-7	Anthracene	2300		70	63.7	250	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2400		8.4	63.7	250	ug/Kg
86-74-8	Carbazole	2100		91	120	490	ug/Kg
84-74-2	Di-n-butylphthalate	2300		85	63.7	250	ug/Kg
206-44-0	Fluoranthene	5500	E	67	120	250	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B87MSD	SDG No.:	BN062024
Lab Sample ID:	P2710-23MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032120.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4100	E	69	63.7	250	ug/Kg
85-68-7	Butylbenzylphthalate	3100		64	63.7	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500		37	120	490	ug/Kg
56-55-3	Benzo(a)anthracene	3300		58	63.7	250	ug/Kg
218-01-9	Chrysene	3400		69	63.7	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3100		64	63.7	250	ug/Kg
117-84-0	Di-n-octyl phthalate	2700		64	120	490	ug/Kg
205-99-2	Benzo(b)fluoranthene	3400		72	63.7	250	ug/Kg
207-08-9	Benzo(k)fluoranthene	2600		87	63.7	250	ug/Kg
50-32-8	Benzo(a)pyrene	1600		85	63.7	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2100		67	63.7	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2500		78	63.7	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	270		69	63.7	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2200		78	63.7	250	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.754		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	13.732		20-120		34	SPK: -40
4165-62-2	Phenol-d5	31.832		10-130		80	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.69		10-150		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.768		15-120		92	SPK: -40
190780-66-6	4-Methylphenol-d8	33.562		10-140		84	SPK: -40
4165-60-0	Nitrobenzene-d5	36.002		10-135		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.892		10-120		97	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.477		10-140		94	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.423		1-145		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.355		10-145		88	SPK: -40
93951-97-4	Acenaphthylene-d8	34.397		15-120		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.086		10-150		75	SPK: -40
81103-79-9	Fluorene-d10	34.667		20-140		87	SPK: -40

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B87MSD	SDG No.:	BN062024
Lab Sample ID:	P2710-23MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032120.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.812		10-130		95	SPK: -40
1719-06-8	Anthracene-d10	34.471		10-150		86	SPK: -40
1718-52-1	Pyrene-d10	39.71		10-130		99	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.367		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	413738	7.634				
1146-65-2	Naphthalene-d8	1918945	10.416				
15067-26-2	Acenaphthene-d10	1287866	14.287				
1517-22-2	Phenanthrene-d10	2531294	17.034				
1719-03-5	Chrysene-d12	1382308	21.275				
1520-96-3	Perylene-d12	1642544	24.186				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	69	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B26	SDG No.:	BN062024
Lab Sample ID:	P2710-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
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
BN032121.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

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
100-52-7	Benzaldehyde	55	U	55	94.1	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	51	U	51	94.1	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	94.1	380	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	48.5	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	94.1	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	94.1	380	ug/Kg
98-86-2	Acetophenone	67	U	67	94.1	380	ug/Kg
106-44-5	4-Methylphenol	47	U	47	94.1	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	42	U	42	48.5	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	48.5	190	ug/Kg
98-95-3	Nitrobenzene	31	U	31	48.5	190	ug/Kg
78-59-1	Isophorone	41	U	41	48.5	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	48.5	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.7	U	9.7	48.5	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	35	U	35	48.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	48.5	190	ug/Kg
91-20-3	Naphthalene	38	U	38	48.5	190	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	48.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	48.5	190	ug/Kg
105-60-2	Caprolactam	46	U	46	94.1	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	48.5	190	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	48.5	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48.5	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	94.1	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	48.5	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	56	48.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B26	SDG No.:	BN062024
Lab Sample ID:	P2710-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
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
BN032121.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	52	U	52	48.5	190	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	48.5	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.5	190	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	48.5	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	48.5	190	ug/Kg
208-96-8	Acenaphthylene	52	U	52	48.5	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	94.1	380	ug/Kg
83-32-9	Acenaphthene	57	U	57	48.5	190	ug/Kg
51-28-5	2,4-Dinitrophenol	36	U	36	94.1	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	94.1	380	ug/Kg
132-64-9	Dibenzofuran	46	U	46	48.5	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	48.5	190	ug/Kg
84-66-2	Diethylphthalate	47	U	47	48.5	190	ug/Kg
86-73-7	Fluorene	66	U	66	48.5	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	48.5	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	94.1	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	94.1	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	48.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	48.5	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	48.5	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.5	190	ug/Kg
1912-24-9	Atrazine	13	U	13	94.1	380	ug/Kg
87-86-5	Pentachlorophenol	43	U	43	94.1	380	ug/Kg
85-01-8	Phenanthrene	150	J	60	48.5	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	48.5	190	ug/Kg
120-12-7	Anthracene	54	U	54	48.5	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.4	U	6.4	48.5	190	ug/Kg
86-74-8	Carbazole	70	U	70	94.1	380	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	48.5	190	ug/Kg
206-44-0	Fluoranthene	210		51	94.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B26	SDG No.:	BN062024
Lab Sample ID:	P2710-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
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
BN032121.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	210		52	48.5	190	ug/Kg
85-68-7	Butylbenzylphthalate	49	U	49	48.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	94.1	380	ug/Kg
56-55-3	Benzo(a)anthracene	74	J	44	48.5	190	ug/Kg
218-01-9	Chrysene	83	J	52	48.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	49	U	49	48.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	49	U	49	94.1	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	80	J	55	48.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	66	U	66	48.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	65	U	65	48.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51	U	51	48.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	59	U	59	48.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52	U	52	48.5	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	59	U	59	48.5	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.994		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	19.179		20-120		48	SPK: -40
4165-62-2	Phenol-d5	24.295		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.859		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.818		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	24.015		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	26.697		10-135		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.325		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.183		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.471		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.612		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	26.051		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.373		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	26.272		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B26	SDG No.:	BN062024
Lab Sample ID:	P2710-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
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
BN032121.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.047		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	25.911		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	31.873		10-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.522		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	404447	7.634				
1146-65-2	Naphthalene-d8	1942347	10.416				
15067-26-2	Acenaphthene-d10	1340540	14.281				
1517-22-2	Phenanthrene-d10	2636853	17.033				
1719-03-5	Chrysene-d12	1741343	21.263				
1520-96-3	Perylene-d12	1773795	24.18				
TENTATIVE IDENTIFIED COMPOUNDS							
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	100	J			7.246	
000057-10-3	n-Hexadecanoic acid	360	J			17.933	
000057-11-4	Octadecanoic acid	94	J			19.222	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	260	J			20.951	
	(DEL) Alkane: Straight-Chain	130	J			21.998	
E966796	Total Alkanes	130				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B23	SDG No.:	BN062024
Lab Sample ID:	P2710-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032122.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.6	87	ug/Kg
100-52-7	Benzaldehyde	62	U	62	110	430	ug/Kg
110-86-1	Pyridine	16	U	16	210	430	ug/Kg
108-95-2	Phenol	58	U	58	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	110	430	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	55.2	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	96	J	77	110	430	ug/Kg
106-44-5	4-Methylphenol	53	U	53	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	48	U	48	55.2	220	ug/Kg
67-72-1	Hexachloroethane	21	U	21	55.2	220	ug/Kg
98-95-3	Nitrobenzene	35	U	35	55.2	220	ug/Kg
78-59-1	Isophorone	47	U	47	55.2	220	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	55.2	220	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	55.2	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	40	U	40	55.2	220	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	55.2	220	ug/Kg
91-20-3	Naphthalene	89	J	43	55.2	220	ug/Kg
106-47-8	4-Chloroaniline	57	U	57	55.2	430	ug/Kg
87-68-3	Hexachlorobutadiene	34	U	34	55.2	220	ug/Kg
105-60-2	Caprolactam	52	U	52	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	55.2	220	ug/Kg
90-12-0	1-Methylnaphthalene	75	J	25	55.2	220	ug/Kg
91-57-6	2-Methylnaphthalene	94	J	48	55.2	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	25	U	25	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	65	U	65	55.2	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	64	U	64	55.2	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B23	SDG No.:	BN062024
Lab Sample ID:	P2710-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032122.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	60	U	60	55.2	220	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	57	55.2	220	ug/Kg
88-74-4	2-Nitroaniline	29	U	29	55.2	220	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	55.2	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	34	U	34	55.2	220	ug/Kg
208-96-8	Acenaphthylene	60	U	60	55.2	220	ug/Kg
99-09-2	3-Nitroaniline	18	U	18	110	430	ug/Kg
83-32-9	Acenaphthene	270		65	55.2	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	150	J	52	55.2	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	17	U	17	55.2	220	ug/Kg
84-66-2	Diethylphthalate	53	U	53	55.2	220	ug/Kg
86-73-7	Fluorene	180	J	75	55.2	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	62	U	62	55.2	220	ug/Kg
100-01-6	4-Nitroaniline	21	U	21	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	51	U	51	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	58	U	58	55.2	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U	58	55.2	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	55.2	220	ug/Kg
118-74-1	Hexachlorobenzene	65	U	65	55.2	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	2300		69	55.2	220	ug/Kg
608-93-5	Pentachlorobenzene	47	U	47	55.2	220	ug/Kg
120-12-7	Anthracene	340		61	55.2	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.3	U	7.3	55.2	220	ug/Kg
86-74-8	Carbazole	250	J	79	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	55.2	220	ug/Kg
206-44-0	Fluoranthene	3300		58	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B23	SDG No.:	BN062024
Lab Sample ID:	P2710-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032122.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2400		60	55.2	220	ug/Kg
85-68-7	Butylbenzylphthalate	56	U	56	55.2	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	32	U	32	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	1200		51	55.2	220	ug/Kg
218-01-9	Chrysene	1500		60	55.2	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	J	56	55.2	220	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		62	55.2	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	470		75	55.2	220	ug/Kg
50-32-8	Benzo(a)pyrene	590		74	55.2	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	440		58	55.2	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	200	J	67	55.2	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	78	J	60	55.2	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	67	U	67	55.2	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.929		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	3.449	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	27.504		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.891		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.188		15-120		78	SPK: -40
190780-66-6	4-Methylphenol-d8	29.257		10-140		73	SPK: -40
4165-60-0	Nitrobenzene-d5	29.945		10-135		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.776		10-120		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.009		10-140		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.392		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.323		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	29.666		15-120		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.02		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	29.601		20-140		74	SPK: -40

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B23	SDG No.:	BN062024
Lab Sample ID:	P2710-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032122.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.761		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	30.957		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	32.342		10-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.243		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	470994	7.634				
1146-65-2	Naphthalene-d8	2185173	10.416				
15067-26-2	Acenaphthene-d10	1429612	14.281				
1517-22-2	Phenanthrene-d10	2600537	17.033				
1719-03-5	Chrysene-d12	1552165	21.269				
1520-96-3	Perylene-d12	1810963	24.186				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	93	J			4.775	
000486-25-9	9H-Fluoren-9-one	220	J			16.692	
002141-42-6	Anthracene, 1,2,3,4-tetrahydro-	140	J			16.786	
000132-65-0	Dibenzothiophene	240	J			16.851	
1000383-55-1	2-Methyldibenzothiophene	170	J			17.61	
067388-11-8	4-Methylnaphtho[1,2-b]thiophene	130	J			17.757	
000832-69-9	Phenanthrene, 1-methyl-	390	J			17.904	
002531-84-2	Phenanthrene, 2-methyl-	870	J			17.951	
000613-12-7	Anthracene, 2-methyl-	92	J			18.033	
000203-64-5	4H-Cyclopenta[def]phenanthrene	550	J			18.098	
000610-48-0	Anthracene, 1-methyl-	240	J			18.139	
000612-94-2	Naphthalene, 2-phenyl-	230	J			18.416	
000084-65-1	9,10-Anthracenedione	400	J			18.463	
003674-69-9	Phenanthrene, 4,5-dimethyl-	92	J			18.657	
000781-43-1	9,10-Dimethylantracene	160	J			18.833	
005737-13-3	Cyclopenta(def)phenanthrenone	240	J			18.98	
000057-11-4	Octadecanoic acid	91	J			19.222	

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	A4B23	SDG No.:	BN062024
Lab Sample ID:	P2710-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032122.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
002381-21-7	Pyrene, 1-methyl-	130	J			19.792	
000243-17-4	11H-Benzo[b]fluorene	150	J			19.957	
033543-31-6	Fluoranthene, 2-methyl-	120	J			20.116	
000479-79-8	11H-Benzo[a]fluoren-11-one	130	J			20.71	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	120	J			20.88	
	(DEL) Alkane: Cyclic	20.957	J			20.957	
000082-05-3	7H-Benz[de]anthracen-7-one	140	J			21.022	
E966796	Total Alkanes	260				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B88	SDG No.:	BN062024
Lab Sample ID:	P2710-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032123.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	18	U	18	9.6	97	ug/Kg
100-52-7	Benzaldehyde	70	U	70	120	480	ug/Kg
110-86-1	Pyridine	18	U	18	240	480	ug/Kg
108-95-2	Phenol	66	U	66	120	480	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	51	U	51	120	480	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	62	250	ug/Kg
95-48-7	2-Methylphenol	57	U	57	120	480	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	42	U	42	120	480	ug/Kg
98-86-2	Acetophenone	86	U	86	120	480	ug/Kg
106-44-5	4-Methylphenol	60	U	60	120	480	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	54	U	54	62	250	ug/Kg
67-72-1	Hexachloroethane	23	U	23	62	250	ug/Kg
98-95-3	Nitrobenzene	39	U	39	62	250	ug/Kg
78-59-1	Isophorone	53	U	53	62	250	ug/Kg
88-75-5	2-Nitrophenol	44	U	44	62	250	ug/Kg
105-67-9	2,4-Dimethylphenol	12	U	12	62	250	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	62	250	ug/Kg
120-83-2	2,4-Dichlorophenol	50	U	50	62	250	ug/Kg
91-20-3	Naphthalene	48	U	48	62	250	ug/Kg
106-47-8	4-Chloroaniline	64	U	64	62	480	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	62	250	ug/Kg
105-60-2	Caprolactam	58	U	58	120	480	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	62	250	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	62	250	ug/Kg
91-57-6	2-Methylnaphthalene	54	U	54	62	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	28	U	28	120	480	ug/Kg
88-06-2	2,4,6-Trichlorophenol	73	U	73	62	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	72	U	72	62	250	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B88	SDG No.:	BN062024
Lab Sample ID:	P2710-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032123.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	67	U	67	62	250	ug/Kg
91-58-7	2-Chloronaphthalene	64	U	64	62	250	ug/Kg
88-74-4	2-Nitroaniline	32	U	32	62	250	ug/Kg
131-11-3	Dimethylphthalate	55	U	55	62	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	38	U	38	62	250	ug/Kg
208-96-8	Acenaphthylene	67	U	67	62	250	ug/Kg
99-09-2	3-Nitroaniline	20	U	20	120	480	ug/Kg
83-32-9	Acenaphthene	73	U	73	62	250	ug/Kg
51-28-5	2,4-Dinitrophenol	47	U	47	120	480	ug/Kg
100-02-7	4-Nitrophenol	16	U	16	120	480	ug/Kg
132-64-9	Dibenzofuran	58	U	58	62	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	19	U	19	62	250	ug/Kg
84-66-2	Diethylphthalate	60	U	60	62	250	ug/Kg
86-73-7	Fluorene	85	U	85	62	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	70	U	70	62	250	ug/Kg
100-01-6	4-Nitroaniline	23	U	23	120	480	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	57	U	57	120	480	ug/Kg
86-30-6	N-Nitrosodiphenylamine	66	U	66	62	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	66	U	66	62	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	140	62	250	ug/Kg
118-74-1	Hexachlorobenzene	73	U	73	62	250	ug/Kg
1912-24-9	Atrazine	16	U	16	120	480	ug/Kg
87-86-5	Pentachlorophenol	55	U	55	120	480	ug/Kg
85-01-8	Phenanthrene	180	J	77	62	250	ug/Kg
608-93-5	Pentachlorobenzene	53	U	53	62	250	ug/Kg
120-12-7	Anthracene	69	U	69	62	250	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	8.2	U	8.2	62	250	ug/Kg
86-74-8	Carbazole	89	U	89	120	480	ug/Kg
84-74-2	Di-n-butylphthalate	83	U	83	62	250	ug/Kg
206-44-0	Fluoranthene	330		66	120	250	ug/Kg



Client:				Date Collected:	6/5/2024 12:00:00 AM	
Project:				Date Received:	6/5/2024 12:00:00 AM	
Client Sample ID:	A4B88			SDG No.:	BN062024	
Lab Sample ID:	P2710-24			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	31.5	
Sample Wt/Vol:	30	Units:	g	Final Vol:	500	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032123.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	260		67	62	250	ug/Kg
85-68-7	Butylbenzylphthalate	63	U	63	62	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36	U	36	120	480	ug/Kg
56-55-3	Benzo(a)anthracene	110	J	57	62	250	ug/Kg
218-01-9	Chrysene	120	J	67	62	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63	U	63	62	250	ug/Kg
117-84-0	Di-n-octyl phthalate	63	U	63	120	480	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	J	70	62	250	ug/Kg
207-08-9	Benzo(k)fluoranthene	85	U	85	62	250	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	83	62	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	66	U	66	62	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	76	U	76	62	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	67	J	67	62	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	76	U	76	62	250	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.161		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	16.054		20-120		40	SPK: -40
4165-62-2	Phenol-d5	20.391		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.786		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.088		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	22.229		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	22.175		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.089		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.68		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.341		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.851		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	21.924		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.364		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	22.039		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4B88	SDG No.:	BN062024
Lab Sample ID:	P2710-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032123.D	1	6/7/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161390

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.218		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	22.535		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	26.626		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.863		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	376211	7.634				
1146-65-2	Naphthalene-d8	1759644	10.416				
15067-26-2	Acenaphthene-d10	1205944	14.281				
1517-22-2	Phenanthrene-d10	2415062	17.034				
1719-03-5	Chrysene-d12	1693799	21.269				
1520-96-3	Perylene-d12	1599560	24.18				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	370	J			17.933	
000057-11-4	Octadecanoic acid	110	J			19.222	
	(DEL) Alkane: Cyclic20.951	160	J			20.951	
	unknown-01	100	J			21.557	
000111-02-4	Squalene	160	J			22.786	
E966796	Total Alkanes	160				99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN062024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : BHBZ5								
P2663-11	BHBZ5	Water	13-Docosenamide, (Z)-	*	22.000	J		
P2663-11	BHBZ5	Water	Total Alkanes	*	0.000	1.9	5	ug/L
Total Tics :						22.00		
Total Concentration:						22.00		
Client ID : A4B20								
P2710-01	A4B20	Solid	Benzeneacetonitrile, .alpha.-hydro	*	130.000	J		
P2710-01	A4B20	Solid	Ethanol, 2-(tetradecyloxy)-	*	230.000	J		
P2710-01	A4B20	Solid	n-Hexadecanoic acid	*	270.000	J		
P2710-01	A4B20	Solid	Octadecanoic acid	*	120.000	J		
P2710-01	A4B20	Solid	unknown-01	*	93.000	J		
P2710-01	A4B20	Solid	Total Alkanes	*	0.000	59	220	ug/Kg
Total Tics :						843.00		
P2710-01	A4B20	Solid	Benzaldehyde		810.000	61	420	ug/Kg
P2710-01	A4B20	Solid	Benzo(a)anthracene		220.000	50	220	ug/Kg
P2710-01	A4B20	Solid	Benzo(a)pyrene	J	100.000	73	220	ug/Kg
P2710-01	A4B20	Solid	Benzo(b)fluoranthene		270.000	61	220	ug/Kg
P2710-01	A4B20	Solid	Benzo(k)fluoranthene	J	110.000	74	220	ug/Kg
P2710-01	A4B20	Solid	Chrysene		240.000	59	220	ug/Kg
P2710-01	A4B20	Solid	Fluoranthene		650.000	57	220	ug/Kg
P2710-01	A4B20	Solid	Indeno(1,2,3-cd)pyrene	J	72.000	57	220	ug/Kg
P2710-01	A4B20	Solid	Phenanthrene		320.000	67	220	ug/Kg
P2710-01	A4B20	Solid	Phenol	J	81.000	57	420	ug/Kg
P2710-01	A4B20	Solid	Pyrene		410.000	59	220	ug/Kg
Total Svoc :						3,283.00		
Total Concentration:						4,126.00		
Client ID : A4B21								
P2710-02	A4B21	Solid	(DEL) Alkane: Cyclic20.951	*	94.000	J		
P2710-02	A4B21	Solid	n-Hexadecanoic acid	*	110.000	J		
P2710-02	A4B21	Solid	Total Alkanes	*	94.000	60	220	ug/Kg
Total Tics :						298.00		
Total Concentration:						298.00		
Client ID : A4B23								
P2710-03	A4B23	Solid	(DEL) Alkane: Cyclic20.957	*	260.000	J		
P2710-03	A4B23	Solid	11H-Benzo[a]fluoren-11-one	*	130.000	J		
P2710-03	A4B23	Solid	11H-Benzo[b]fluorene	*	150.000	J		
P2710-03	A4B23	Solid	2-Methyldibenzothiophene	*	170.000	J		

Hit Summary Sheet SW-846

SDG No.: BN062024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2710-03	A4B23	Solid	4-Methylnaphtho[1,2-b]thiophene *	130.000	J			
P2710-03	A4B23	Solid	4H-Cyclopenta[def]phenanthrene *	550.000	J			
P2710-03	A4B23	Solid	7H-Benz[de]anthracen-7-one *	140.000	J			
P2710-03	A4B23	Solid	9,10-Anthracenedione *	400.000	J			
P2710-03	A4B23	Solid	9,10-Dimethylantracene *	160.000	J			
P2710-03	A4B23	Solid	9H-Fluoren-9-one *	220.000	J			
P2710-03	A4B23	Solid	Anthracene, 1,2,3,4-tetrahydro- *	140.000	J			
P2710-03	A4B23	Solid	Anthracene, 1-methyl- *	240.000	J			
P2710-03	A4B23	Solid	Anthracene, 2-methyl- *	92.000	J			
P2710-03	A4B23	Solid	Benzo[b]naphtho[2,1-d]thiophene *	120.000	J			
P2710-03	A4B23	Solid	Cyclopenta(def)phenanthrenone *	240.000	J			
P2710-03	A4B23	Solid	Dibenzothiophene *	240.000	J			
P2710-03	A4B23	Solid	Fluoranthene, 2-methyl- *	120.000	J			
P2710-03	A4B23	Solid	Naphthalene, 2-phenyl- *	230.000	J			
P2710-03	A4B23	Solid	Octadecanoic acid *	91.000	J			
P2710-03	A4B23	Solid	Phenanthrene, 1-methyl- *	390.000	J			
P2710-03	A4B23	Solid	Phenanthrene, 2-methyl- *	870.000	J			
P2710-03	A4B23	Solid	Phenanthrene, 4,5-dimethyl- *	92.000	J			
P2710-03	A4B23	Solid	Pyrene, 1-methyl- *	130.000	J			
P2710-03	A4B23	Solid	unknown-01 *	93.000	J			
P2710-03	A4B23	Solid	Total Alkanes *	260.000		60	220	ug/Kg
Total Tics :				5,658.00				
P2710-03	A4B23	Solid	1-Methylnaphthalene	75.000	J	25	220	ug/Kg
P2710-03	A4B23	Solid	2-Methylnaphthalene	94.000	J	48	220	ug/Kg
P2710-03	A4B23	Solid	Acenaphthene	270.000		65	220	ug/Kg
P2710-03	A4B23	Solid	Acetophenone	96.000	J	77	430	ug/Kg
P2710-03	A4B23	Solid	Anthracene	340.000		61	220	ug/Kg
P2710-03	A4B23	Solid	Benzo(a)anthracene	1,200.000		51	220	ug/Kg
P2710-03	A4B23	Solid	Benzo(a)pyrene	590.000		74	220	ug/Kg
P2710-03	A4B23	Solid	Benzo(b)fluoranthene	1,500.000		62	220	ug/Kg
P2710-03	A4B23	Solid	Benzo(g,h,i)perylene	78.000	J	60	220	ug/Kg
P2710-03	A4B23	Solid	Benzo(k)fluoranthene	470.000		75	220	ug/Kg
P2710-03	A4B23	Solid	Bis(2-ethylhexyl)phthalate	170.000	J	56	220	ug/Kg
P2710-03	A4B23	Solid	Carbazole	250.000	J	79	430	ug/Kg
P2710-03	A4B23	Solid	Chrysene	1,500.000		60	220	ug/Kg
P2710-03	A4B23	Solid	Dibenzo(a,h)anthracene	200.000	J	67	220	ug/Kg
P2710-03	A4B23	Solid	Dibenzofuran	150.000	J	52	220	ug/Kg
P2710-03	A4B23	Solid	Fluoranthene	3,300.000		58	220	ug/Kg
P2710-03	A4B23	Solid	Fluorene	180.000	J	75	220	ug/Kg
P2710-03	A4B23	Solid	Indeno(1,2,3-cd)pyrene	440.000		58	220	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN062024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2710-03	A4B23	Solid	Naphthalene	89.000	J	43	220	ug/Kg
P2710-03	A4B23	Solid	Phenanthrene	2,300.000		69	220	ug/Kg
P2710-03	A4B23	Solid	Pyrene	2,400.000		60	220	ug/Kg
Total Svoc :				15,692.00				
Total Concentration:				21,350.00				
Client ID : A4B24								
P2710-04	A4B24	Solid	2,4,7,9-Tetramethyl-5-decyn-4,7-c *	850.000	J			
P2710-04	A4B24	Solid	n-Hexadecanoic acid *	170.000	J			
P2710-04	A4B24	Solid	Pentadecafluorooctanoic acid, oct: *	100.000	J			
P2710-04	A4B24	Solid	Total Alkanes *	0.000		50	180	ug/Kg
Total Tics :				1,120.00				
P2710-04	A4B24	Solid	Benzo(a)anthracene	78.000	J	42	180	ug/Kg
P2710-04	A4B24	Solid	Benzo(b)fluoranthene	96.000	J	52	180	ug/Kg
P2710-04	A4B24	Solid	Bis(2-ethylhexyl)phthalate	81.000	J	47	180	ug/Kg
P2710-04	A4B24	Solid	Chrysene	85.000	J	50	180	ug/Kg
P2710-04	A4B24	Solid	Fluoranthene	240.000		49	180	ug/Kg
P2710-04	A4B24	Solid	Phenanthrene	110.000	J	57	180	ug/Kg
P2710-04	A4B24	Solid	Pyrene	160.000	J	50	180	ug/Kg
Total Svoc :				850.00				
Total Concentration:				1,970.00				
Client ID : A4B26								
P2710-05	A4B26	Solid	(DEL) Alkane: Straight-Chain21.9 *	130.000	J			
P2710-05	A4B26	Solid	Ethanol, 2-(2-ethoxyethoxy)- *	100.000	J			
P2710-05	A4B26	Solid	Ethanol, 2-(tetradecyloxy)- *	260.000	J			
P2710-05	A4B26	Solid	n-Hexadecanoic acid *	360.000	J			
P2710-05	A4B26	Solid	Octadecanoic acid *	94.000	J			
P2710-05	A4B26	Solid	Total Alkanes *	130.000		52	190	ug/Kg
Total Tics :				1,074.00				
P2710-05	A4B26	Solid	Benzo(a)anthracene	74.000	J	44	190	ug/Kg
P2710-05	A4B26	Solid	Benzo(b)fluoranthene	80.000	J	55	190	ug/Kg
P2710-05	A4B26	Solid	Chrysene	83.000	J	52	190	ug/Kg
P2710-05	A4B26	Solid	Fluoranthene	210.000		51	190	ug/Kg
P2710-05	A4B26	Solid	Phenanthrene	150.000	J	60	190	ug/Kg
P2710-05	A4B26	Solid	Pyrene	210.000		52	190	ug/Kg
Total Svoc :				807.00				
Total Concentration:				1,881.00				
Client ID : A4B27								
P2710-06	A4B27	Solid	(DEL) Alkane: Straight-Chain20.9 *	140.000	J			
P2710-06	A4B27	Solid	2,4,7,9-Tetramethyl-5-decyn-4,7-c *	710.000	J			

Hit Summary Sheet SW-846

SDG No.: BN062024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2710-06	A4B27	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	110.000	J		
P2710-06	A4B27	Solid	n-Hexadecanoic acid	*	230.000	J		
P2710-06	A4B27	Solid	Total Alkanes	*	140.000	53	190	ug/Kg
Total Tics :				1,330.00				
P2710-06	A4B27	Solid	Benzo(a)anthracene		67.000	J 45	190	ug/Kg
P2710-06	A4B27	Solid	Benzo(b)fluoranthene		67.000	J 55	190	ug/Kg
P2710-06	A4B27	Solid	Chrysene		77.000	J 53	190	ug/Kg
P2710-06	A4B27	Solid	Fluoranthene		180.000	J 52	190	ug/Kg
P2710-06	A4B27	Solid	Phenanthrene		160.000	J 61	190	ug/Kg
P2710-06	A4B27	Solid	Pyrene		200.000	53	190	ug/Kg
Total Svoc :				751.00				
Total Concentration:				2,081.00				
Client ID : A4BL4								
P2710-07	A4BL4	Solid	(DEL) Alkane: Straight-Chain20.9	*	360.000	J		
P2710-07	A4BL4	Solid	(DEL) Alkane: Straight-Chain21.9	*	170.000	J		
P2710-07	A4BL4	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	120.000	J		
P2710-07	A4BL4	Solid	Hexadecane, 1-iodo-	*	300.000	J		
P2710-07	A4BL4	Solid	n-Hexadecanoic acid	*	430.000	J		
P2710-07	A4BL4	Solid	Octadecanoic acid	*	140.000	J		
P2710-07	A4BL4	Solid	unknown-01	*	120.000	J		
P2710-07	A4BL4	Solid	Total Alkanes	*	530.000	80	290	ug/Kg
Total Tics :				2,170.00				
P2710-07	A4BL4	Solid	Benzo(a)anthracene		320.000	67	290	ug/Kg
P2710-07	A4BL4	Solid	Benzo(a)pyrene		180.000	J 99	290	ug/Kg
P2710-07	A4BL4	Solid	Benzo(b)fluoranthene		520.000	83	290	ug/Kg
P2710-07	A4BL4	Solid	Benzo(k)fluoranthene		140.000	J 100	290	ug/Kg
P2710-07	A4BL4	Solid	Bis(2-ethylhexyl)phthalate		180.000	J 74	290	ug/Kg
P2710-07	A4BL4	Solid	Chrysene		380.000	80	290	ug/Kg
P2710-07	A4BL4	Solid	Fluoranthene		920.000	78	290	ug/Kg
P2710-07	A4BL4	Solid	Indeno(1,2,3-cd)pyrene		140.000	J 78	290	ug/Kg
P2710-07	A4BL4	Solid	Phenanthrene		360.000	92	290	ug/Kg
P2710-07	A4BL4	Solid	Pyrene		620.000	80	290	ug/Kg
Total Svoc :				3,760.00				
Total Concentration:				5,930.00				
Client ID : A4BL7								
P2710-08	A4BL7	Solid	(DEL) Alkane: Straight-Chain21.9	*	130.000	J		
P2710-08	A4BL7	Solid	(DEL) Alkane: Straight-Chain25.1	*	280.000	J		
P2710-08	A4BL7	Solid	2,4,7,9-Tetramethyl-5-decyn-4,7-c	*	290.000	J		
P2710-08	A4BL7	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	120.000	J		
P2710-08	A4BL7	Solid	n-Hexadecanoic acid	*	610.000	J		

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2710-08	A4BL7	Solid	Octadecanoic acid	*	180.000	J		
P2710-08	A4BL7	Solid	Pentadecafluorooctanoic acid, oct	*	320.000	J		
P2710-08	A4BL7	Solid	unknown-01	*	110.000	J		
P2710-08	A4BL7	Solid	Total Alkanes	*	410.000		72	260 ug/Kg
			Total Tics :	2,450.00				
P2710-08	A4BL7	Solid	Benzo(a)anthracene		280.000		61	260 ug/Kg
P2710-08	A4BL7	Solid	Benzo(a)pyrene		140.000	J	89	260 ug/Kg
P2710-08	A4BL7	Solid	Benzo(b)fluoranthene		380.000		75	260 ug/Kg
P2710-08	A4BL7	Solid	Benzo(k)fluoranthene		160.000	J	90	260 ug/Kg
P2710-08	A4BL7	Solid	Bis(2-ethylhexyl)phthalate		140.000	J	67	260 ug/Kg
P2710-08	A4BL7	Solid	Chrysene		320.000		72	260 ug/Kg
P2710-08	A4BL7	Solid	Fluoranthene		780.000		70	260 ug/Kg
P2710-08	A4BL7	Solid	Indeno(1,2,3-cd)pyrene		110.000	J	70	260 ug/Kg
P2710-08	A4BL7	Solid	Phenanthrene		260.000		82	260 ug/Kg
P2710-08	A4BL7	Solid	Pyrene		500.000		72	260 ug/Kg
			Total Svoc :	3,070.00				
			Total Concentration:	5,520.00				
Client ID : A4BL8								
P2710-09	A4BL8	Solid	(DEL) Alkane: Straight-Chain20.5	*	110.000	J		
P2710-09	A4BL8	Solid	2,4,7,9-Tetramethyl-5-decyn-4,7-c	*	330.000	J		
P2710-09	A4BL8	Solid	n-Hexadecanoic acid	*	130.000	J		
P2710-09	A4BL8	Solid	Total Alkanes	*	110.000		73	270 ug/Kg
			Total Tics :	680.00				
P2710-09	A4BL8	Solid	Fluoranthene		89.000	J	71	270 ug/Kg
P2710-09	A4BL8	Solid	Pyrene		76.000	J	73	270 ug/Kg
			Total Svoc :	165.00				
			Total Concentration:	845.00				
Client ID : A4BL9								
P2710-10	A4BL9	Solid	(DEL) Alkane: Cyclic20.945	*	92.000	J		
P2710-10	A4BL9	Solid	n-Hexadecanoic acid	*	120.000	J		
P2710-10	A4BL9	Solid	Total Alkanes	*	92.000		47	170 ug/Kg
			Total Tics :	304.00				
			Total Concentration:	304.00				
Client ID : A4BM1								
P2710-12	A4BM1	Solid	2,4,7,9-Tetramethyl-5-decyn-4,7-c	*	230.000	J		
P2710-12	A4BM1	Solid	Total Alkanes	*	0.000		49	180 ug/Kg
			Total Tics :	230.00				
P2710-12	A4BM1	Solid	Benzo(a)anthracene		99.000	J	41	180 ug/Kg
P2710-12	A4BM1	Solid	Benzo(a)pyrene		70.000	J	60	180 ug/Kg

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2710-12	A4BM1	Solid	Benzo(b)fluoranthene	86.000	J	51	180	ug/Kg
P2710-12	A4BM1	Solid	Chrysene	100.000	J	49	180	ug/Kg
P2710-12	A4BM1	Solid	Fluoranthene	220.000		47	180	ug/Kg
P2710-12	A4BM1	Solid	Phenanthrene	140.000	J	56	180	ug/Kg
P2710-12	A4BM1	Solid	Pyrene	210.000		49	180	ug/Kg
Total Svoc :				925.00				
Total Concentration:				1,155.00				
Client ID : A4BM3								
P2710-13	A4BM3	Solid	n-Hexadecanoic acid	*	610.000	J		
P2710-13	A4BM3	Solid	Octadecanoic acid	*	180.000	J		
P2710-13	A4BM3	Solid	Pentadecafluorooctanoic acid, octa	*	390.000	J		
P2710-13	A4BM3	Solid	unknown-01	*	160.000	J		
P2710-13	A4BM3	Solid	Total Alkanes	*	0.000	100	370	ug/Kg
Total Tics :				1,340.00				
P2710-13	A4BM3	Solid	Benzo(a)anthracene	230.000	J	85	370	ug/Kg
P2710-13	A4BM3	Solid	Benzo(a)pyrene	120.000	J	120	370	ug/Kg
P2710-13	A4BM3	Solid	Benzo(b)fluoranthene	310.000	J	100	370	ug/Kg
P2710-13	A4BM3	Solid	Benzo(k)fluoranthene	130.000	J	130	370	ug/Kg
P2710-13	A4BM3	Solid	Bis(2-ethylhexyl)phthalate	260.000	J	93	370	ug/Kg
P2710-13	A4BM3	Solid	Chrysene	260.000	J	100	370	ug/Kg
P2710-13	A4BM3	Solid	Fluoranthene	670.000		98	370	ug/Kg
P2710-13	A4BM3	Solid	Phenanthrene	310.000	J	110	370	ug/Kg
P2710-13	A4BM3	Solid	Pyrene	440.000		100	370	ug/Kg
Total Svoc :				2,730.00				
Total Concentration:				4,070.00				
Client ID : A4BM4								
P2710-14	A4BM4	Solid	2,4,7,9-Tetramethyl-5-decyn-4,7-c	*	460.000	J		
P2710-14	A4BM4	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	72.000	J		
P2710-14	A4BM4	Solid	n-Hexadecanoic acid	*	150.000	J		
P2710-14	A4BM4	Solid	Pentadecafluorooctanoic acid, octa	*	130.000	J		
P2710-14	A4BM4	Solid	Total Alkanes	*	0.000	49	180	ug/Kg
Total Tics :				812.00				
P2710-14	A4BM4	Solid	Bis(2-ethylhexyl)phthalate	250.000		45	180	ug/Kg
Total Svoc :				250.00				
Total Concentration:				1,062.00				
Client ID : A4BN0								
P2710-16	A4BN0	Solid	n-Hexadecanoic acid	*	360.000	J		
P2710-16	A4BN0	Solid	Pentadecafluorooctanoic acid, octa	*	230.000	J		
P2710-16	A4BN0	Solid	unknown-01	*	150.000	J		

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2710-16	A4BN0	Solid	Total Alkanes	*	0.000	96	350	ug/Kg
Total Tics :				740.00				
P2710-16	A4BN0	Solid	Benzo(a)anthracene		180.000	J 81	350	ug/Kg
P2710-16	A4BN0	Solid	Benzo(b)fluoranthene		300.000	J 100	350	ug/Kg
P2710-16	A4BN0	Solid	Bis(2-ethylhexyl)phthalate		370.000	90	350	ug/Kg
P2710-16	A4BN0	Solid	Chrysene		240.000	J 96	350	ug/Kg
P2710-16	A4BN0	Solid	Fluoranthene		530.000	94	350	ug/Kg
P2710-16	A4BN0	Solid	Phenanthrene		200.000	J 110	350	ug/Kg
P2710-16	A4BN0	Solid	Pyrene		340.000	J 96	350	ug/Kg
Total Svoc :				2,160.00				
Total Concentration:				2,900.00				
Client ID : A4DG6								
P2710-19	A4DG6	Solid	(DEL) Alkane: Straight-Chain23.1	*	130.000	J		
P2710-19	A4DG6	Solid	(DEL) Alkane: Straight-Chain25.1	*	190.000	J		
P2710-19	A4DG6	Solid	(DEL) Alkane: Straight-Chain25.2	*	280.000	J		
P2710-19	A4DG6	Solid	1-Phenoxypropan-2-ol	*	120.000	J		
P2710-19	A4DG6	Solid	2,6,6-Trimethyl-2-cyclohexene-1,4	*	180.000	J		
P2710-19	A4DG6	Solid	9,10-Anthracenedione	*	160.000	J		
P2710-19	A4DG6	Solid	9-Octadecenoic acid (Z)-, methyl ester	*	87.000	J		
P2710-19	A4DG6	Solid	Benzene, 1,4-dichloro-	*	670.000	J		
P2710-19	A4DG6	Solid	Benzene, pentachloro-	*	93.000	J		
P2710-19	A4DG6	Solid	Diphenylmethane	*	100.000	J		
P2710-19	A4DG6	Solid	n-Hexadecanoic acid	*	370.000	J		
P2710-19	A4DG6	Solid	Pentadecanoic acid, 14-methyl-, n	*	100.000	J		
P2710-19	A4DG6	Solid	Phenol, 2,3,4,6-tetrachloro-	*	66.000	J		
P2710-19	A4DG6	Solid	Total Alkanes	*	600.000	46	170	ug/Kg
Total Tics :				3,146.00				
P2710-19	A4DG6	Solid	2,4,5-Trichlorophenol		1,700.000	49	170	ug/Kg
P2710-19	A4DG6	Solid	2,4,6-Trichlorophenol		6,300.000	E 50	170	ug/Kg
P2710-19	A4DG6	Solid	2,4-Dichlorophenol		4,400.000	E 34	170	ug/Kg
P2710-19	A4DG6	Solid	2,4-Dinitrotoluene		5,900.000	E 13	170	ug/Kg
P2710-19	A4DG6	Solid	2,6-Dinitrotoluene		8,400.000	E 26	170	ug/Kg
P2710-19	A4DG6	Solid	2-Chlorophenol		3,600.000	E 22	170	ug/Kg
P2710-19	A4DG6	Solid	2-Methylnaphthalene		2,300.000	37	170	ug/Kg
P2710-19	A4DG6	Solid	2-Nitrophenol		2,000.000	30	170	ug/Kg
P2710-19	A4DG6	Solid	4-Bromophenyl-phenylether		1,800.000	99	170	ug/Kg
P2710-19	A4DG6	Solid	4-Chloro-3-methylphenol		1,800.000	36	170	ug/Kg
P2710-19	A4DG6	Solid	4-Chlorophenyl-phenylether		1,600.000	48	170	ug/Kg
P2710-19	A4DG6	Solid	4-Nitrophenol		3,500.000	11	330	ug/Kg
P2710-19	A4DG6	Solid	Acenaphthene		3,900.000	E 50	170	ug/Kg

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2710-19	A4DG6	Solid	Acenaphthylene	820.000		46	170	ug/Kg
P2710-19	A4DG6	Solid	Anthracene	1,700.000		47	170	ug/Kg
P2710-19	A4DG6	Solid	Benzo(a)anthracene	4,200.000	E	39	170	ug/Kg
P2710-19	A4DG6	Solid	Benzo(a)pyrene	1,600.000		57	170	ug/Kg
P2710-19	A4DG6	Solid	Benzo(b)fluoranthene	5,600.000	E	48	170	ug/Kg
P2710-19	A4DG6	Solid	Benzo(g,h,i)perylene	1,100.000		46	170	ug/Kg
P2710-19	A4DG6	Solid	Bis(2-Chloroethoxy)methane	6,000.000	E	31	170	ug/Kg
P2710-19	A4DG6	Solid	Bis(2-Chloroethyl)ether	6,700.000	E	35	330	ug/Kg
P2710-19	A4DG6	Solid	Bis(2-ethylhexyl)phthalate	5,900.000	E	43	170	ug/Kg
P2710-19	A4DG6	Solid	Butylbenzylphthalate	2,100.000		43	170	ug/Kg
P2710-19	A4DG6	Solid	Chrysene	5,300.000	E	46	170	ug/Kg
P2710-19	A4DG6	Solid	Di-n-butylphthalate	4,500.000	E	57	170	ug/Kg
P2710-19	A4DG6	Solid	Dibenzo(a,h)anthracene	3,200.000	E	52	170	ug/Kg
P2710-19	A4DG6	Solid	Fluoranthene	5,400.000	E	45	170	ug/Kg
P2710-19	A4DG6	Solid	Fluorene	4,500.000	E	58	170	ug/Kg
P2710-19	A4DG6	Solid	Hexachlorobenzene	6,100.000	E	50	170	ug/Kg
P2710-19	A4DG6	Solid	Hexachlorobutadiene	5,700.000	E	26	170	ug/Kg
P2710-19	A4DG6	Solid	Hexachloroethane	4,900.000	E	16	170	ug/Kg
P2710-19	A4DG6	Solid	Indeno(1,2,3-cd)pyrene	1,300.000		45	170	ug/Kg
P2710-19	A4DG6	Solid	Isophorone	5,300.000	E	36	170	ug/Kg
P2710-19	A4DG6	Solid	N-Nitroso-di-n-propylamine	6,700.000	E	37	170	ug/Kg
P2710-19	A4DG6	Solid	Nitrobenzene	1,500.000		27	170	ug/Kg
P2710-19	A4DG6	Solid	Pentachlorophenol	6,800.000	E	38	330	ug/Kg
P2710-19	A4DG6	Solid	Phenanthrene	1,700.000		53	170	ug/Kg
P2710-19	A4DG6	Solid	Phenol	1,500.000		45	330	ug/Kg
P2710-19	A4DG6	Solid	Pyrene	3,000.000	E	46	170	ug/Kg
Total Svoc :				150,320.00				
Total Concentration:				153,466.00				
Client ID :	A4DG6DL							
P2710-19DL	A4DG6DL	Solid	Benzene, 1,2-dichloro-	*	8,100.000	JD		
P2710-19DL	A4DG6DL	Solid	Benzo[e]pyrene	*	4,100.000	JD		
P2710-19DL	A4DG6DL	Solid	Naphtho[1,2-a]anthracene	*	1,100.000	JD		
P2710-19DL	A4DG6DL	Solid	Total Alkanes	*	0.000	D 230	850	ug/Kg
Total Tics :				13,300.00				
P2710-19DL	A4DG6DL	Solid	2,4,5-Trichlorophenol		1,700.000	D 240	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	2,4,6-Trichlorophenol		7,100.000	D 250	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	2,4-Dichlorophenol		4,600.000	D 170	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	2,4-Dinitrotoluene		6,000.000	D 65	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	2,6-Dinitrotoluene		8,900.000	D 130	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	2-Chlorophenol		3,700.000	D 110	850	ug/Kg

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2710-19DL	A4DG6DL	Solid	2-Methylnaphthalene	2,400.000	D	180	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	2-Nitrophenol	1,900.000	D	150	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	4-Bromophenyl-phenylether	1,700.000	D	490	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	4-Chloro-3-methylphenol	1,700.000	D	180	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	4-Chlorophenyl-phenylether	2,200.000	D	240	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	4-Nitrophenol	3,400.000	D	55	1600	ug/Kg
P2710-19DL	A4DG6DL	Solid	Acenaphthene	4,600.000	D	250	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	Acenaphthylene	790.000	JD	230	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	Anthracene	1,800.000	D	230	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	Benzo(a)anthracene	4,900.000	D	190	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	Benzo(a)pyrene	1,500.000	D	280	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	Benzo(b)fluoranthene	6,800.000	D	240	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	Benzo(g,h,i)perylene	1,000.000	D	230	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	Bis(2-Chloroethoxy)methane	7,000.000	D	150	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	Bis(2-Chloroethyl)ether	7,500.000	D	170	1600	ug/Kg
P2710-19DL	A4DG6DL	Solid	Bis(2-ethylhexyl)phthalate	7,500.000	D	210	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	Butylbenzylphthalate	1,800.000	D	210	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	Chrysene	7,100.000	D	230	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	Di-n-butylphthalate	6,400.000	D	280	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	Dibenzo(a,h)anthracene	3,100.000	D	260	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	Fluoranthene	6,700.000	D	220	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	Fluorene	6,600.000	D	290	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	Hexachlorobenzene	8,800.000	D	250	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	Hexachlorobutadiene	6,200.000	D	130	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	Hexachloroethane	5,000.000	D	80	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	Indeno(1,2,3-cd)pyrene	1,200.000	D	220	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	Isophorone	6,000.000	D	180	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	N-Nitroso-di-n-propylamine	7,600.000	D	180	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	Nitrobenzene	1,400.000	D	130	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	Pentachlorophenol	8,500.000	D	190	1600	ug/Kg
P2710-19DL	A4DG6DL	Solid	Phenanthrene	1,800.000	D	260	850	ug/Kg
P2710-19DL	A4DG6DL	Solid	Phenol	1,400.000	JD	220	1600	ug/Kg
P2710-19DL	A4DG6DL	Solid	Pyrene	3,100.000	D	230	850	ug/Kg
Total Svoc :				171,390.00				
Total Concentration:				184,690.00				

Client ID : A4B87

P2710-21	A4B87	Solid	(DEL) Alkane: Straight-Chain21.5 *	130.000	J
P2710-21	A4B87	Solid	1,1-Biphenyl, 2,2,4,4-tetrachlo *	150.000	J
P2710-21	A4B87	Solid	1,1-Biphenyl, 2,2,5-trichloro- *	230.000	J
P2710-21	A4B87	Solid	1,1-Biphenyl, 2,2-dichloro- *	310.000	J

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2710-21	A4B87	Solid	1,1-Biphenyl, 2,3-dichloro-	*	120.000	J		
P2710-21	A4B87	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	210.000	J		
P2710-21	A4B87	Solid	1,1-Biphenyl, 4-chloro-	*	130.000	J		
P2710-21	A4B87	Solid	11H-Benzo[a]fluoren-11-one	*	100.000	J		
P2710-21	A4B87	Solid	11H-Benzo[b]fluorene	*	150.000	J		
P2710-21	A4B87	Solid	1H-Cyclopropa[1]phenanthrene, 1a	*	240.000	J		
P2710-21	A4B87	Solid	4H-Cyclopenta[def]phenanthrene	*	610.000	J		
P2710-21	A4B87	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	180.000	J		
P2710-21	A4B87	Solid	7H-Benz[de]anthracen-7-one	*	100.000	J		
P2710-21	A4B87	Solid	9,10-Anthracenedione	*	230.000	J		
P2710-21	A4B87	Solid	9H-Fluoren-9-one	*	100.000	J		
P2710-21	A4B87	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	100.000	J		
P2710-21	A4B87	Solid	Benzo[e]pyrene	*	210.000	J		
P2710-21	A4B87	Solid	Cyclopenta(def)phenanthrenone	*	170.000	J		
P2710-21	A4B87	Solid	Dibenzothiophene	*	150.000	J		
P2710-21	A4B87	Solid	Ethanol, 2-(tetradecyloxy)-	*	330.000	J		
P2710-21	A4B87	Solid	Fluoranthene, 2-methyl-	*	230.000	J		
P2710-21	A4B87	Solid	n-Hexadecanoic acid	*	850.000	J		
P2710-21	A4B87	Solid	Octadecanoic acid	*	120.000	J		
P2710-21	A4B87	Solid	Phenanthrene, 2,5-dimethyl-	*	170.000	J		
P2710-21	A4B87	Solid	Phenanthrene, 2-methyl-	*	330.000	J		
P2710-21	A4B87	Solid	Pyrene, 1-methyl-	*	150.000	J		
P2710-21	A4B87	Solid	Pyrene, 4-methyl-	*	140.000	J		
P2710-21	A4B87	Solid	unknown-01	*	130.000	J		
P2710-21	A4B87	Solid	Total Alkanes	*	130.000	J	69	250 ug/Kg
Total Tics :					6,200.00			
P2710-21	A4B87	Solid	1-Methylnaphthalene		57.000	J	28	250 ug/Kg
P2710-21	A4B87	Solid	2-Methylnaphthalene		65.000	J	55	250 ug/Kg
P2710-21	A4B87	Solid	Acenaphthene		240.000	J	75	250 ug/Kg
P2710-21	A4B87	Solid	Acenaphthylene		86.000	J	69	250 ug/Kg
P2710-21	A4B87	Solid	Anthracene		550.000		70	250 ug/Kg
P2710-21	A4B87	Solid	Benzo(a)anthracene		1,500.000		58	250 ug/Kg
P2710-21	A4B87	Solid	Benzo(a)pyrene		720.000		85	250 ug/Kg
P2710-21	A4B87	Solid	Benzo(b)fluoranthene		1,900.000		72	250 ug/Kg
P2710-21	A4B87	Solid	Benzo(g,h,i)perylene	J	83.000		69	250 ug/Kg
P2710-21	A4B87	Solid	Benzo(k)fluoranthene		590.000		87	250 ug/Kg
P2710-21	A4B87	Solid	Bis(2-ethylhexyl)phthalate		520.000		64	250 ug/Kg
P2710-21	A4B87	Solid	Butylbenzylphthalate	J	160.000		64	250 ug/Kg
P2710-21	A4B87	Solid	Carbazole	J	280.000		91	490 ug/Kg
P2710-21	A4B87	Solid	Chrysene		1,600.000		69	250 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN062024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2710-21	A4B87	Solid	Dibenzo(a,h)anthracene	240.000	J	78	250	ug/Kg
P2710-21	A4B87	Solid	Dibenzofuran	170.000	J	60	250	ug/Kg
P2710-21	A4B87	Solid	Fluoranthene	3,900.000		67	250	ug/Kg
P2710-21	A4B87	Solid	Fluorene	290.000		87	250	ug/Kg
P2710-21	A4B87	Solid	Indeno(1,2,3-cd)pyrene	520.000		67	250	ug/Kg
P2710-21	A4B87	Solid	Naphthalene	100.000	J	49	250	ug/Kg
P2710-21	A4B87	Solid	Phenanthrene	2,500.000		79	250	ug/Kg
P2710-21	A4B87	Solid	Phenol	86.000	J	67	490	ug/Kg
P2710-21	A4B87	Solid	Pyrene	2,800.000		69	250	ug/Kg
Total Svoc :				18,957.00				
Total Concentration:				25,157.00				
Client ID : A4B88								
P2710-24	A4B88	Solid	(DEL) Alkane: Cyclic20.951	*	160.000	J		
P2710-24	A4B88	Solid	n-Hexadecanoic acid	*	370.000	J		
P2710-24	A4B88	Solid	Octadecanoic acid	*	110.000	J		
P2710-24	A4B88	Solid	Squalene	*	160.000	J		
P2710-24	A4B88	Solid	unknown-01	*	100.000	J		
P2710-24	A4B88	Solid	Total Alkanes	*	160.000	67	250	ug/Kg
Total Tics :				1,060.00				
P2710-24	A4B88	Solid	Benzo(a)anthracene		110.000	J 57	250	ug/Kg
P2710-24	A4B88	Solid	Benzo(a)pyrene		110.000	J 83	250	ug/Kg
P2710-24	A4B88	Solid	Benzo(b)fluoranthene		140.000	J 70	250	ug/Kg
P2710-24	A4B88	Solid	Benzo(g,h,i)perylene		67.000	J 67	250	ug/Kg
P2710-24	A4B88	Solid	Chrysene		120.000	J 67	250	ug/Kg
P2710-24	A4B88	Solid	Fluoranthene		330.000	66	250	ug/Kg
P2710-24	A4B88	Solid	Phenanthrene		180.000	J 77	250	ug/Kg
P2710-24	A4B88	Solid	Pyrene		260.000	67	250	ug/Kg
Total Svoc :				1,317.00				
Total Concentration:				2,377.00				
Client ID : A4B89								
P2710-25	A4B89	Solid	(DEL) Alkane: Cyclic20.945	*	84.000	J		
P2710-25	A4B89	Solid	n-Hexadecanoic acid	*	96.000	J		
P2710-25	A4B89	Solid	Total Alkanes	*	84.000	47	170	ug/Kg
Total Tics :				264.00				
Total Concentration:				264.00				
Client ID : SVOC-GPC-BLANK								
P2894-05	SVOC-GPC-BLANK	Solid	Total Alkanes	*	0.000	140	510	ug/Kg
Total Tics :				0.00				
Total Concentration:				0.00				



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

Hit Summary Sheet
SW-846

SDG No.: BN062024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	SVOC-GPC2-BLANK							
P2894-10	SVOC-GPC2-BLANK	Solid	Total Alkanes	*	0.000	140	510	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052924 SAS No.: BN052924 SDG No.: BN052924

Instrument ID: _____ Calibration Date(s): 5/29/2024 : _____

Calibration Time(s): 11:20 _____

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

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN062024 SAS No.: BN062024 SDG NO.: BN062024

EPA Sample No.: SSTD020205 Date Analyzed: Jun 20 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 10:12

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	537524	7.687	2.44038e+01	10.47	1.62391e+001	14.33
	UPPER LIMIT	1075048	8.187	4880760	10.969	3247820	14.828
	LOWER LIMIT	268762	7.187	1220190	9.969	811955	13.828
	EPA SAMPLE NO.						
01	SBLK544	211065 *	7.64	993054 *	10.42	711940 *	14.28
02	A4DG6	243145 *	7.63	1.11692e *	10.42	754059 *	14.29
03	BHBZ5	310026	7.63	1.4647e+	10.42	1.03714e	14.28
04	A4DG6DL	314265	7.63	1.47035e	10.42	1.017e+0	14.28
05	SLCS544	327507	7.63	1.56228e	10.42	1.07975e	14.28
06	SBLK390	336271	7.64	1.60869e	10.42	1.14406e	14.28
07	A4B20	347689	7.64	1.64053e	10.42	1.13363e	14.28
08	A4B27	325170	7.63	1.57794e	10.42	1.0947e+	14.28
09	A4B24	371920	7.63	1.77123e	10.42	1.21953e	14.28
10	A4BM4	331919	7.63	1.57776e	10.42	1.0877e+	14.28
11	A4BM1	344792	7.64	1.65133e	10.42	1.14942e	14.28
12	A4B21	332426	7.63	1.5895e+	10.42	1.10379e	14.28
13	A4BN0	399522	7.63	1.8403e+	10.42	1.23971e	14.28
14	A4BM3	378419	7.63	1.81037e	10.42	1.23352e	14.28
15	A4BL7	350254	7.63	1.62533e	10.42	1.10386e	14.28
16	A4BL9	365275	7.63	1.6704e+	10.42	1.05328e	14.28
17	A4BL8	371426	7.63	1.83474e	10.42	1.2422e+	14.28
18	A4BL4	420581	7.63	1.93992e	10.42	1.29907e	14.28
19	A4B89	367478	7.63	1.74179e	10.42	1.19127e	14.28
20	SBLK390	362840	7.63	1.6996e+	10.42	1.18147e	14.28
21	SVOC-GPC-BLANK	329330	7.63	1.52417e	10.42	1.07498e	14.28
22	SVOC-GPC2-BLANK	344118	7.63	1.60313e	10.42	1.11464e	14.28
23	A4B87	398361	7.63	1.79986e	10.42	1.21085e	14.28

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN062024 SAS No.: BN062024 SDG NO.: BN062024

EPA Sample No.: SSTD020205 Date Analyzed: Jun 21 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 06:27

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	537524	7.687	2.44038e+00	10.47	1.62391e+00	14.33
UPPER LIMIT	1075048	8.187	4880760	10.969	3247820	14.828
LOWER LIMIT	268762	7.187	1220190	9.969	811955	13.828
EPA SAMPLE NO.						
24 A4B87MS	381598	7.63	1.79578e	10.42	1.20812e	14.28
25 A4B87MSD	413738	7.63	1.91895e	10.42	1.28787e	14.29
26 A4B26	404447	7.63	1.94235e	10.42	1.34054e	14.28
27 A4B23	470994	7.63	2.18517e	10.42	1.42961e	14.28
28 A4B88	376211	7.63	1.75964e	10.42	1.20594e	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.: BN062024 SAS No.: BN062024 SDG NO.: BN062024

EPA Sample No.: SSTD020296 Date Analyzed: Jun 20 2024 12:00AM

Lab File ID: BN032093.D Time Analyzed: 10:12

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	276584	7.634	1.30732e+01	10.42	912701	14.28
UPPER LIMIT	553168	8.134	2614640	10.916	1825402	14.781
LOWER LIMIT	138292	7.134	653660	9.916	456350.5	13.781
EPA SAMPLE NO.						
01 SBLK544	211065	7.64	993054	10.42	711940	14.28
02 A4DG6	243145	7.63	1.11692e	10.42	754059	14.29
03 BHBZ5	310026	7.63	1.4647e+	10.42	1.03714e	14.28
04 A4DG6DL	314265	7.63	1.47035e	10.42	1.017e+0	14.28
05 SLCS544	327507	7.63	1.56228e	10.42	1.07975e	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.: BN062024 SAS No.: BN062024 SDG NO.: BN062024

EPA Sample No.: SSTD020297 Date Analyzed: Jun 20 2024 12:00AM

Lab File ID: BN032099.D Time Analyzed: 17:21

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	299433	7.634	1.4224e+00	10.42	989454	14.28
UPPER LIMIT	598866	8.134	2844800	10.916	1978908	14.781
LOWER LIMIT	149716.5	7.134	711200	9.916	494727	13.781
EPA SAMPLE NO.						
01 SBLK390	336271	7.64	1.60869e	10.42	1.14406e	14.28
02 A4B20	347689	7.64	1.64053e	10.42	1.13363e	14.28
03 A4B27	325170	7.63	1.57794e	10.42	1.0947e+	14.28
04 A4B24	371920	7.63	1.77123e	10.42	1.21953e	14.28
05 A4BM4	331919	7.63	1.57776e	10.42	1.0877e+	14.28
06 A4BM1	344792	7.64	1.65133e	10.42	1.14942e	14.28
07 A4B21	332426	7.63	1.5895e+	10.42	1.10379e	14.28
08 A4BN0	399522	7.63	1.8403e+	10.42	1.23971e	14.28
09 A4BM3	378419	7.63	1.81037e	10.42	1.23352e	14.28
10 A4BL7	350254	7.63	1.62533e	10.42	1.10386e	14.28
11 A4BL9	365275	7.63	1.6704e+	10.42	1.05328e	14.28
12 A4BL8	371426	7.63	1.83474e	10.42	1.2422e+	14.28
13 A4BL4	420581	7.63	1.93992e	10.42	1.29907e	14.28
14 A4B89	367478	7.63	1.74179e	10.42	1.19127e	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.: BN062024 SAS No.: BN062024 SDG NO.: BN062024

EPA Sample No.: SSTD020298 Date Analyzed: Jun 21 2024 12:00AM

Lab File ID: BN032114.D Time Analyzed: 03:51

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	352041	7.634	1.65046e+00	10.42	1.12102e+00	14.28
UPPER LIMIT	704082	8.134	3300920	10.916	2242040	14.781
LOWER LIMIT	176020.5	7.134	825230	9.916	560510	13.781
EPA SAMPLE NO.						
01 SBLK390	362840	7.63	1.6996e+	10.42	1.18147e	14.28
02 SVOC-GPC-BLANK	329330	7.63	1.52417e	10.42	1.07498e	14.28
03 SVOC-GPC2-BLANK	344118	7.63	1.60313e	10.42	1.11464e	14.28
04 A4B87	398361	7.63	1.79986e	10.42	1.21085e	14.28
05 A4B87MS	381598	7.63	1.79578e	10.42	1.20812e	14.28
06 A4B87MSD	413738	7.63	1.91895e	10.42	1.28787e	14.29
07 A4B26	404447	7.63	1.94235e	10.42	1.34054e	14.28
08 A4B23	470994	7.63	2.18517e	10.42	1.42961e	14.28
09 A4B88	376211	7.63	1.75964e	10.42	1.20594e	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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN062024 SAS No.: BN062024 SDG NO.: BN062024

EPA Sample No.: SSTD020205 Date Analyzed: Jun 20 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 10:12

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	SBLK544	1.53575*	17.03	1.31689e+ *	21.26	1.20923e+ *	24.17
02	A4DG6	1.59018*	17.03	1.05507e+ *	21.28	1.10881e+ *	24.19
03	BHBZ5	2.19362	17.03	1.78611e+	21.27	1.6593e+0 *	24.18
04	A4DG6DL	2.04237	17.03	1.59685e+	21.27	1.48105e+ *	24.19
05	SLCS544	2.19787	17.03	1.58717e+	21.27	1.45732e+ *	24.18
06	SBLK390	2.37775	17.03	1.81664e+	21.26	1.67035e+ *	24.18
07	A4B20	2.25954	17.03	1.58079e+ *	21.26	1.4693e+0 *	24.17
08	A4B27	2.1998e	17.03	1.62674e+	21.26	1.46891e+ *	24.17
09	A4B24	2.41283	17.03	1.59244e+	21.26	1.53059e+ *	24.17
10	A4BM4	2.211e+	17.03	1.53492e+ *	21.26	1.41094e+ *	24.17
11	A4BM1	2.30619	17.03	1.71903e+	21.26	1.53626e+ *	24.17
12	A4B21	2.27264	17.03	1.63187e+	21.26	1.48605e+ *	24.17
13	A4BN0	2.3195e	17.03	1.58328e+ *	21.26	1.75091e+ *	24.17
14	A4BM3	2.36065	17.03	1.54945e+ *	21.26	1.58658e+ *	24.17
15	A4BL7	2.23753	17.03	1.54545e+ *	21.26	1.4728e+0 *	24.17
16	A4BL9	1.93451	17.03	1.52495e+ *	21.26	1.66551e+ *	24.17
17	A4BL8	2.46839	17.03	1.64132e+	21.26	1.58728e+ *	24.17
18	A4BL4	2.64578	17.03	1.74917e+	21.26	1.71185e+ *	24.17
19	A4B89	2.37004	17.03	1.81688e+	21.26	1.64132e+ *	24.17
20	SBLK390	2.4667e	17.03	1.87908e+	21.26	1.79037e+	24.17
21	SVOC-GPC-BLANK	2.23299	17.03	1.70646e+	21.26	1.58565e+ *	24.17

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN062024 SAS No.: BN062024 SDG NO.: BN062024

EPA Sample No.: SSTD020205 Date Analyzed: Jun 21 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 05:09

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 SVOC-GPC2-BLANK	2.2658e	17.03	1.65873e+	21.26	1.48861e+ *	24.17
23 A4B87	2.51589	17.03	1.59159e+	21.27	1.63929e+ *	24.17
24 A4B87MS	2.45438	17.03	1.44345e+ *	21.27	1.58272e+ *	24.18
25 A4B87MSD	2.53129	17.03	1.38231e+ *	21.28	1.64254e+ *	24.19
26 A4B26	2.63685	17.03	1.74134e+	21.26	1.7738e+0 *	24.18
27 A4B23	2.60054	17.03	1.55217e+ *	21.27	1.81096e+	24.19
28 A4B88	2.41506	17.03	1.6938e+0	21.27	1.59956e+ *	24.18

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.: BN062024 SAS No.: BN062024 SDG NO.: BN062024

EPA Sample No.: SSTD020296 Date Analyzed: Jun 20 2024 12:00AM

Lab File ID: BN032093.D Time Analyzed: 10:12

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	1.93606e+01	17.033	1.65671e+	21.268	1.62027e+01	24.18
UPPER LIMIT	3872120	17.533	3313420	21.768	3240540	24.68
LOWER LIMIT	968030	16.533	828355	20.768	810135	23.68
EPA SAMPLE NO.						
01 SBLK544	1.53575	17.03	1.31689e+	21.26	1.20923e+	24.17
02 A4DG6	1.59018	17.03	1.05507e+	21.28	1.10881e+	24.19
03 BHBZ5	2.19362	17.03	1.78611e+	21.27	1.6593e+0	24.18
04 A4DG6DL	2.04237	17.03	1.59685e+	21.27	1.48105e+	24.19
05 SLCS544	2.19787	17.03	1.58717e+	21.27	1.45732e+	24.18

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.: BN062024 SAS No.: BN062024 SDG NO.: BN062024

EPA Sample No.: SSTD020297 Date Analyzed: Jun 20 2024 12:00AM

Lab File ID: BN032099.D Time Analyzed: 17:21

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	2.03154e+01	17.034	1.61508e+	21.269	1.41519e+01	24.18
	UPPER LIMIT	4063080	17.534	3230160	21.769	2830380	24.68
	LOWER LIMIT	1015770	16.534	807540	20.769	707595	23.68
	EPA SAMPLE NO.						
01	SBLK390	2.37775	17.03	1.81664e+	21.26	1.67035e+	24.18
02	A4B20	2.25954	17.03	1.58079e+	21.26	1.4693e+0	24.17
03	A4B27	2.1998e	17.03	1.62674e+	21.26	1.46891e+	24.17
04	A4B24	2.41283	17.03	1.59244e+	21.26	1.53059e+	24.17
05	A4BM4	2.211e+	17.03	1.53492e+	21.26	1.41094e+	24.17
06	A4BM1	2.30619	17.03	1.71903e+	21.26	1.53626e+	24.17
07	A4B21	2.27264	17.03	1.63187e+	21.26	1.48605e+	24.17
08	A4BN0	2.3195e	17.03	1.58328e+	21.26	1.75091e+	24.17
09	A4BM3	2.36065	17.03	1.54945e+	21.26	1.58658e+	24.17
10	A4BL7	2.23753	17.03	1.54545e+	21.26	1.4728e+0	24.17
11	A4BL9	1.93451	17.03	1.52495e+	21.26	1.66551e+	24.17
12	A4BL8	2.46839	17.03	1.64132e+	21.26	1.58728e+	24.17
13	A4BL4	2.64578	17.03	1.74917e+	21.26	1.71185e+	24.17
14	A4B89	2.37004	17.03	1.81688e+	21.26	1.64132e+	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.: BN062024 SAS No.: BN062024 SDG NO.: BN062024

EPA Sample No.: SSTD020298 Date Analyzed: Jun 21 2024 12:00AM

Lab File ID: BN032114.D Time Analyzed: 03:51

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	2.33771e+01	17.033	1.71723e+	21.263	1.57356e+01	24.174
UPPER LIMIT	4675420	17.533	3434460	21.763	3147120	24.674
LOWER LIMIT	1168855	16.533	858615	20.763	786780	23.674
EPA SAMPLE NO.						
01 SBLK390	2.4667e	17.03	1.87908e+	21.26	1.79037e+	24.17
02 SVOC-GPC-BLANK	2.23299	17.03	1.70646e+	21.26	1.58565e+	24.17
03 SVOC-GPC2-BLANK	2.2658e	17.03	1.65873e+	21.26	1.48861e+	24.17
04 A4B87	2.51589	17.03	1.59159e+	21.27	1.63929e+	24.17
05 A4B87MS	2.45438	17.03	1.44345e+	21.27	1.58272e+	24.18
06 A4B87MSD	2.53129	17.03	1.38231e+	21.28	1.64254e+	24.19
07 A4B26	2.63685	17.03	1.74134e+	21.26	1.7738e+0	24.18
08 A4B23	2.60054	17.03	1.55217e+	21.27	1.81096e+	24.19
09 A4B88	2.41506	17.03	1.6938e+0	21.27	1.59956e+	24.18

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.: BN062024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161544BS	1,4-Dioxane	16	9.1	ug/L	57				0	0		
	Benzaldehyde	40	32	ug/L	80				0	0		
	Pyridine	40	25	ug/L	63				0	0		
	Phenol	40	31	ug/L	78				0	0		
	Bis(2-chloroethyl)ether	40	29	ug/L	73				0	0		
	2-Chlorophenol	40	32	ug/L	80				0	0		
	2-Methylphenol	40	32	ug/L	80				0	0		
	2,2-oxybis(1-Chloropropane)	40	29	ug/L	73				0	0		
	Acetophenone	40	32	ug/L	80				0	0		
	4-Methylphenol	40	33	ug/L	83				0	0		
	N-Nitroso-di-n-propylamine	40	30	ug/L	75				0	0		
	Hexachloroethane	40	30	ug/L	75				0	0		
	Nitrobenzene	40	28	ug/L	70				0	0		
	Isophorone	40	28	ug/L	70				0	0		
	2-Nitrophenol	40	34	ug/L	85				0	0		
	2,4-Dimethylphenol	40	27	ug/L	68				0	0		
	Bis(2-chloroethoxy)methane	40	28	ug/L	70				0	0		
	2,4-Dichlorophenol	40	33	ug/L	83				0	0		
	Naphthalene	40	30	ug/L	75				0	0		
	4-Chloroaniline	40	27	ug/L	68				0	0		
	Hexachlorobutadiene	40	33	ug/L	83				0	0		
	Caprolactam	40	31	ug/L	78				0	0		
	4-Chloro-3-methylphenol	40	32	ug/L	80				0	0		
	1-Methylnaphthalene	40	32	ug/L	80				0	0		
	2-Methylnaphthalene	40	31	ug/L	78				0	0		
	Hexachlorocyclopentadiene	40	21	ug/L	52				0	0		
	2,4,6-Trichlorophenol	40	31	ug/L	78				0	0		
	2,4,5-Trichlorophenol	40	32	ug/L	80				0	0		
	1,1'-Biphenyl	40	30	ug/L	75				0	0		
	2-Chloronaphthalene	40	30	ug/L	75				0	0		
	2-Nitroaniline	40	29	ug/L	73				0	0		
	Dimethylphthalate	40	30	ug/L	75				0	0		
	2,6-Dinitrotoluene	40	33	ug/L	83				0	0		
	Acenaphthylene	40	30	ug/L	75				0	0		
	3-Nitroaniline	40	32	ug/L	80				0	0		
	Acenaphthene	40	29	ug/L	73				0	0		
	2,4-Dinitrophenol	40	37	ug/L	93				0	0		
	4-Nitrophenol	40	30	ug/L	75				0	0		
	Dibenzofuran	40	31	ug/L	78				0	0		
	2,4-Dinitrotoluene	40	32	ug/L	80				0	0		
	Diethylphthalate	40	31	ug/L	78				0	0		
	Fluorene	40	29	ug/L	73				0	0		
	4-Chlorophenyl-phenylether	40	29	ug/L	73				0	0		
	4-Nitroaniline	40	33	ug/L	83				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN062024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161544BS	4,6-Dinitro-2-methylphenol	40	37	ug/L	93				0	0		
	N-Nitrosodiphenylamine	40	32	ug/L	80				0	0		
	1,2,4,5-Tetrachlorobenzene	40	32	ug/L	80				0	0		
	4-Bromophenyl-phenylether	40	33	ug/L	83				0	0		
	Hexachlorobenzene	40	33	ug/L	83				0	0		
	Atrazine	40	15	ug/L	38				0	0		
	Pentachlorophenol	40	30	ug/L	75				0	0		
	Phenanthrene	40	31	ug/L	78				0	0		
	Pentachlorobenzene	40	33	ug/L	83				0	0		
	Anthracene	40	30	ug/L	75				0	0		
	1,2,3,4-Tetrachlorobenzene	40	32	ug/L	80				0	0		
	Carbazole	40	32	ug/L	80				0	0		
	Di-n-butylphthalate	40	32	ug/L	80				0	0		
	Fluoranthene	40	37	ug/L	93				0	0		
	Pyrene	40	37	ug/L	93				0	0		
	Butylbenzylphthalate	40	37	ug/L	93				0	0		
	3,3'-Dichlorobenzidine	40	32	ug/L	80				0	0		
	Benzo(a)anthracene	40	31	ug/L	78				0	0		
	Chrysene	40	31	ug/L	78				0	0		
	Bis(2-ethylhexyl)phthalate	40	36	ug/L	90				0	0		
	Di-n-octylphthalate	40	44	ug/L	110				0	0		
	Benzo(b)fluoranthene	40	33	ug/L	83				0	0		
	Benzo(k)fluoranthene	40	33	ug/L	83				0	0		
	Benzo(a)pyrene	40	29	ug/L	73				0	0		
	Indeno(1,2,3-cd)pyrene	40	32	ug/L	80				0	0		
	Dibenzo(a,h)anthracene	40	32	ug/L	80				0	0		
	Benzo(g,h,i)perylene	40	31	ug/L	78				0	0		
	2,3,4,6-Tetrachlorophenol	40	30	ug/L	75				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK390

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN062024

SAS No.: BN062024 SDG NO.: BN062024

Lab File ID: BN032100.D

Lab Sample ID: PB161390BL

Instrument ID: BNA_N

Date Extracted: 06/07/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/20/2024

Level: (low/med) LOW

Time Analyzed: 17:21

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4DG6	P2710-19	BN032095.D	06/20/2024
A4B87	P2710-21	BN032118.D	06/21/2024
A4B87MS	P2710-22MS	BN032119.D	06/21/2024
A4B87MSD	P2710-23MSD	BN032120.D	06/21/2024
A4B26	P2710-05	BN032121.D	06/21/2024
A4B23	P2710-03	BN032122.D	06/21/2024
A4B88	P2710-24	BN032123.D	06/21/2024
A4B20	P2710-01	BN032101.D	06/20/2024
A4B27	P2710-06	BN032102.D	06/20/2024
A4B24	P2710-04	BN032103.D	06/20/2024
A4BM4	P2710-14	BN032104.D	06/20/2024
A4BM1	P2710-12	BN032105.D	06/20/2024
A4B21	P2710-02	BN032106.D	06/20/2024
A4BN0	P2710-16	BN032107.D	06/20/2024
A4BM3	P2710-13	BN032108.D	06/20/2024
A4BL7	P2710-08	BN032109.D	06/20/2024
A4BL9	P2710-10	BN032110.D	06/20/2024
A4BL8	P2710-09	BN032111.D	06/21/2024
A4BL4	P2710-07	BN032112.D	06/21/2024
A4B89	P2710-25	BN032113.D	06/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC-BLANK

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN062024

SAS No.: BN062024 SDG NO.: BN062024

Lab File ID: BN032116.D

Lab Sample ID: P2894-05

Instrument ID: BNA_N

Date Extracted: 06/17/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/21/2024

Level: (low/med) LOW

Time Analyzed: 04:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SVOC-GPC-BLANK	P2894-05	BN032116.D	06/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC2-BLANK

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN062024

SAS No.: BN062024 SDG NO.: BN062024

Lab File ID: BN032117.D

Lab Sample ID: P2894-10

Instrument ID: BNA_N

Date Extracted: 06/17/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/21/2024

Level: (low/med) LOW

Time Analyzed: 05:09

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SVOC-GPC2-BLANK	P2894-10	BN032117.D	06/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK544

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN062024

SAS No.: BN062024 SDG NO.: BN062024

Lab File ID: BN032094.D

Lab Sample ID: PB161544BL

Instrument ID: BNA_N

Date Extracted: 06/04/2024

Matrix: (soil/water) Water

Date Analyzed: 06/20/2024

Level: (low/med) LOW

Time Analyzed: 10:12

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BHBZ5	P2663-11	BN032096.D	06/20/2024
PB161544BS	PB161544BS	BN032098.D	06/20/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN062024

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2710-22MS	Client Sample ID:	A4B87MS				DataFile:	BN032119.D			
1,4-Dioxane	800		610	ug/Kg	76				15	120	
Benzaldehyde	2000		1500	ug/Kg	75				0	0	
Pyridine	2000		940	ug/Kg	47				0	0	
Phenol	2000	86	2100	ug/Kg	101	*			26	90	
Bis(2-chloroethyl)ether	2000		1900	ug/Kg	95				0	0	
2-Chlorophenol	2000		2200	ug/Kg	110	*			25	102	
2-Methylphenol	2000		2100	ug/Kg	105				0	0	
2,2-oxybis(1-Chloropropane)	2000		1800	ug/Kg	90				0	0	
Acetophenone	2000	0	2100	ug/Kg	105				0	0	
4-Methylphenol	2000		2200	ug/Kg	110				0	0	
N-Nitroso-di-n-propylamine	2000		1900	ug/Kg	95				41	126	
Hexachloroethane	2000		1600	ug/Kg	80				0	0	
Nitrobenzene	2000		1900	ug/Kg	95				0	0	
Isophorone	2000		1800	ug/Kg	90				0	0	
2-Nitrophenol	2000		2300	ug/Kg	115				0	0	
2,4-Dimethylphenol	2000		1600	ug/Kg	80				0	0	
Bis(2-chloroethoxy)methane	2000		1800	ug/Kg	90				0	0	
2,4-Dichlorophenol	2000		2300	ug/Kg	115				0	0	
Naphthalene	2000	100	2100	ug/Kg	100				0	0	
4-Chloroaniline	2000		1500	ug/Kg	75				0	0	
Hexachlorobutadiene	2000		2200	ug/Kg	110				0	0	
Caprolactam	2000		1800	ug/Kg	90				0	0	
4-Chloro-3-methylphenol	2000		2200	ug/Kg	110	*			26	103	
1-Methylnaphthalene	2000	57	2200	ug/Kg	107				0	0	
2-Methylnaphthalene	2000	65	2200	ug/Kg	107				0	0	
Hexachlorocyclopentadiene	2000		880	ug/Kg	44				0	0	
2,4,6-Trichlorophenol	2000		2300	ug/Kg	115				0	0	
2,4,5-Trichlorophenol	2000		2300	ug/Kg	115				0	0	
1,1'-Biphenyl	2000		2100	ug/Kg	105				0	0	
2-Chloronaphthalene	2000		2100	ug/Kg	105				0	0	
2-Nitroaniline	2000		2000	ug/Kg	100				0	0	
Dimethylphthalate	2000		2100	ug/Kg	105				0	0	
2,6-Dinitrotoluene	2000		2300	ug/Kg	115				0	0	
Acenaphthylene	2000	86	2000	ug/Kg	96				0	0	
3-Nitroaniline	2000		2200	ug/Kg	110				0	0	
Acenaphthene	2000	240	2200	ug/Kg	98				31	137	
2,4-Dinitrophenol	2000		2300	ug/Kg	115				0	0	
4-Nitrophenol	2000		2200	ug/Kg	110				11	114	
Dibenzofuran	2000	170	2100	ug/Kg	97				0	0	
2,4-Dinitrotoluene	2000		2200	ug/Kg	110	*			28	89	
Diethylphthalate	2000		2100	ug/Kg	105				0	0	
Fluorene	2000	290	2100	ug/Kg	91				0	0	
4-Chlorophenyl-phenylether	2000		1900	ug/Kg	95				0	0	
4-Nitroaniline	2000		2500	ug/Kg	125				0	0	
4,6-Dinitro-2-methylphenol	2000		2300	ug/Kg	115				0	0	
N-Nitrosodiphenylamine	2000		2200	ug/Kg	110				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN062024

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	2000		2200	ug/Kg	110				0	0	
4-Bromophenyl-phenylether	2000		2300	ug/Kg	115				0	0	
Hexachlorobenzene	2000		1800	ug/Kg	90				0	0	
Atrazine	2000		2200	ug/Kg	110				0	0	
Pentachlorophenol	2000		2100	ug/Kg	105				17	109	
Phenanthrene	2000	2500	3600	ug/Kg	55				0	0	
Pentachlorobenzene	2000		2000	ug/Kg	100				0	0	
Anthracene	2000	550	2300	ug/Kg	88				0	0	
1,2,3,4-Tetrachlorobenzene	2000		2300	ug/Kg	115				0	0	
Carbazole	2000	280	2200	ug/Kg	96				0	0	
Di-n-butylphthalate	2000	0	2200	ug/Kg	110				0	0	
Fluoranthene	2000	3900	5300	ug/Kg	70				0	0	
Pyrene	2000	2800	4100	ug/Kg	65				35	142	
Butylbenzylphthalate	2000	160	3100	ug/Kg	147				0	0	
3,3'-Dichlorobenzidine	2000		1400	ug/Kg	70				0	0	
Benzo(a)anthracene	2000	1500	3300	ug/Kg	90				0	0	
Chrysene	2000	1600	3500	ug/Kg	95				0	0	
Bis(2-ethylhexyl)phthalate	2000	520	3200	ug/Kg	134				0	0	
Di-n-octylphthalate	2000		2900	ug/Kg	145				0	0	
Benzo(b)fluoranthene	2000	1900	3500	ug/Kg	80				0	0	
Benzo(k)fluoranthene	2000	590	2600	ug/Kg	101				0	0	
Benzo(a)pyrene	2000	720	1500	ug/Kg	39				0	0	
Indeno(1,2,3-cd)pyrene	2000	520	2100	ug/Kg	79				0	0	
Dibenzo(a,h)anthracene	2000	240	2400	ug/Kg	108				0	0	
Benzo(g,h,i)perylene	2000	83	260	ug/Kg	9				0	0	
2,3,4,6-Tetrachlorophenol	2000		2200	ug/Kg	110				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN062024

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2710-23MSD	Client Sample ID:	A4B87MSD					DataFile:	BN032120.D		
1,4-Dioxane	800		600	ug/Kg	75		1		15	120	50
Benzaldehyde	2000		1400	ug/Kg	70		7	*	0	0	0
Pyridine	2000		930	ug/Kg	47		0		0	0	0
Phenol	2000	86	2100	ug/Kg	101	*	0		26	90	35
Bis(2-chloroethyl)ether	2000		1800	ug/Kg	90		5	*	0	0	0
2-Chlorophenol	2000		2200	ug/Kg	110	*	0		25	102	50
2-Methylphenol	2000		2100	ug/Kg	105		0		0	0	0
2,2-oxybis(1-Chloropropane)	2000		1800	ug/Kg	90		0		0	0	0
Acetophenone	2000	0	2100	ug/Kg	105		0		0	0	0
4-Methylphenol	2000		2100	ug/Kg	105		5	*	0	0	0
N-Nitroso-di-n-propylamine	2000		1800	ug/Kg	90		5		41	126	38
Hexachloroethane	2000		1600	ug/Kg	80		0		0	0	0
Nitrobenzene	2000		1900	ug/Kg	95		0		0	0	0
Isophorone	2000		1800	ug/Kg	90		0		0	0	0
2-Nitrophenol	2000		2300	ug/Kg	115		0		0	0	0
2,4-Dimethylphenol	2000		1700	ug/Kg	85		6	*	0	0	0
Bis(2-chloroethoxy)methane	2000		1800	ug/Kg	90		0		0	0	0
2,4-Dichlorophenol	2000		2300	ug/Kg	115		0		0	0	0
Naphthalene	2000	100	2100	ug/Kg	100		0		0	0	0
4-Chloroaniline	2000		1500	ug/Kg	75		0		0	0	0
Hexachlorobutadiene	2000		2200	ug/Kg	110		0		0	0	0
Caprolactam	2000		1900	ug/Kg	95		5	*	0	0	0
4-Chloro-3-methylphenol	2000		2200	ug/Kg	110	*	0		26	103	33
1-Methylnaphthalene	2000	57	2200	ug/Kg	107		0		0	0	0
2-Methylnaphthalene	2000	65	2200	ug/Kg	107		0		0	0	0
Hexachlorocyclopentadiene	2000		990	ug/Kg	50		13	*	0	0	0
2,4,6-Trichlorophenol	2000		2300	ug/Kg	115		0		0	0	0
2,4,5-Trichlorophenol	2000		2300	ug/Kg	115		0		0	0	0
1,1'-Biphenyl	2000		2100	ug/Kg	105		0		0	0	0
2-Chloronaphthalene	2000		2100	ug/Kg	105		0		0	0	0
2-Nitroaniline	2000		2000	ug/Kg	100		0		0	0	0
Dimethylphthalate	2000		2100	ug/Kg	105		0		0	0	0
2,6-Dinitrotoluene	2000		2300	ug/Kg	115		0		0	0	0
Acenaphthylene	2000	86	2000	ug/Kg	96		0		0	0	0
3-Nitroaniline	2000		2200	ug/Kg	110		0		0	0	0
Acenaphthene	2000	240	2200	ug/Kg	98		0		31	137	19
2,4-Dinitrophenol	2000		2400	ug/Kg	120		4	*	0	0	0
4-Nitrophenol	2000		2200	ug/Kg	110		0		11	114	50
Dibenzofuran	2000	170	2100	ug/Kg	97		0		0	0	0
2,4-Dinitrotoluene	2000		2200	ug/Kg	110	*	0		28	89	47
Diethylphthalate	2000		2100	ug/Kg	105		0		0	0	0
Fluorene	2000	290	2000	ug/Kg	86		6	*	0	0	0
4-Chlorophenyl-phenylether	2000		1900	ug/Kg	95		0		0	0	0
4-Nitroaniline	2000		2400	ug/Kg	120		4	*	0	0	0
4,6-Dinitro-2-methylphenol	2000		2400	ug/Kg	120		4	*	0	0	0
N-Nitrosodiphenylamine	2000		2200	ug/Kg	110		0		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN062024

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	2000		2200	ug/Kg	110		0		0	0	0
4-Bromophenyl-phenylether	2000		2300	ug/Kg	115		0		0	0	0
Hexachlorobenzene	2000		1800	ug/Kg	90		0		0	0	0
Atrazine	2000		2200	ug/Kg	110		0		0	0	0
Pentachlorophenol	2000		2000	ug/Kg	100		5		17	109	47
Phenanthrene	2000	2500	3500	ug/Kg	50		10	*	0	0	0
Pentachlorobenzene	2000		2000	ug/Kg	100		0		0	0	0
Anthracene	2000	550	2300	ug/Kg	88		0		0	0	0
1,2,3,4-Tetrachlorobenzene	2000		2400	ug/Kg	120		4	*	0	0	0
Carbazole	2000	280	2100	ug/Kg	91		5	*	0	0	0
Di-n-butylphthalate	2000	0	2300	ug/Kg	115		4	*	0	0	0
Fluoranthene	2000	3900	5500	ug/Kg	80		13	*	0	0	0
Pyrene	2000	2800	4100	ug/Kg	65		0		35	142	36
Butylbenzylphthalate	2000	160	3100	ug/Kg	147		0		0	0	0
3,3'-Dichlorobenzidine	2000		1500	ug/Kg	75		7	*	0	0	0
Benzo(a)anthracene	2000	1500	3300	ug/Kg	90		0		0	0	0
Chrysene	2000	1600	3400	ug/Kg	90		5	*	0	0	0
Bis(2-ethylhexyl)phthalate	2000	520	3100	ug/Kg	129		4	*	0	0	0
Di-n-octylphthalate	2000		2700	ug/Kg	135		7	*	0	0	0
Benzo(b)fluoranthene	2000	1900	3400	ug/Kg	75		6	*	0	0	0
Benzo(k)fluoranthene	2000	590	2600	ug/Kg	101		0		0	0	0
Benzo(a)pyrene	2000	720	1600	ug/Kg	44		12	*	0	0	0
Indeno(1,2,3-cd)pyrene	2000	520	2100	ug/Kg	79		0		0	0	0
Dibenzo(a,h)anthracene	2000	240	2500	ug/Kg	113		5	*	0	0	0
Benzo(g,h,i)perylene	2000	83	270	ug/Kg	9		0		0	0	0
2,3,4,6-Tetrachlorophenol	2000		2200	ug/Kg	110		0		0	0	0

Surrogate Summary

SW-846

SDG No.: **BN062024**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2710-01	A4B20	BN032101.D	1,4-Dioxane-d8	8	3.52	44		15	120
			Pyridine-d5	40	1.14	3	*	20	120
			Phenol-d5	40	23.59	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.50	56		10	150
			2-Chlorophenol-d4	40	26.16	65		15	120
			4-Methylphenol-d8	40	25.36	63		10	140
			Nitrobenzene-d5	40	25.38	63		10	135
			2-Nitrophenol-d4	40	26.99	67		10	120
			2,4-Dichlorophenol-d3	40	26.42	66		10	140
			4-Chloroaniline-d4	40	20.78	52		1	145
			Dimethylphthalate-d6	40	26.87	67		10	145
			Acenaphthylene-d8	40	25.91	65		15	120
			4-Nitrophenol-d4	40	19.67	49		10	150
			Fluorene-d10	40	26.53	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.66	62		10	130
			Anthracene-d10	40	25.87	65		10	150
			Pyrene-d10	40	28.59	71		10	130
			Benzo(a)pyrene-d12	40	17.66	44		10	140
P2710-02	A4B21	BN032106.D	1,4-Dioxane-d8	8	3.20	40		15	120
			Pyridine-d5	40	16.11	40		20	120
			Phenol-d5	40	19.74	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.81	47		10	150
			2-Chlorophenol-d4	40	22.13	55		15	120
			4-Methylphenol-d8	40	21.72	54		10	140
			Nitrobenzene-d5	40	21.08	53		10	135
			2-Nitrophenol-d4	40	22.49	56		10	120
			2,4-Dichlorophenol-d3	40	21.31	53		10	140
			4-Chloroaniline-d4	40	21.54	54		1	145
			Dimethylphthalate-d6	40	21.60	54		10	145
			Acenaphthylene-d8	40	21.90	55		15	120
			4-Nitrophenol-d4	40	17.43	44		10	150
			Fluorene-d10	40	21.97	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.80	44		10	130
			Anthracene-d10	40	21.83	55		10	150
			Pyrene-d10	40	25.75	64		10	130
			Benzo(a)pyrene-d12	40	21.97	55		10	140
P2710-03	A4B23	BN032122.D	1,4-Dioxane-d8	8	3.93	49		15	120
			Pyridine-d5	40	3.45	9	*	20	120
			Phenol-d5	40	27.50	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.89	62		10	150
			2-Chlorophenol-d4	40	31.19	78		15	120
			4-Methylphenol-d8	40	29.26	73		10	140
			Nitrobenzene-d5	40	29.95	75		10	135
			2-Nitrophenol-d4	40	32.78	82		10	120
			2,4-Dichlorophenol-d3	40	31.01	78		10	140
			4-Chloroaniline-d4	40	15.39	38		1	145
			Dimethylphthalate-d6	40	30.32	76		10	145
			Acenaphthylene-d8	40	29.67	74		15	120
			4-Nitrophenol-d4	40	24.02	60		10	150

Surrogate Summary

SW-846

SDG No.: **BN062024**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2710-03	A4B23	BN032122.D	Fluorene-d10	40	29.60	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	29.76	74		10	130
			Anthracene-d10	40	30.96	77		10	150
			Pyrene-d10	40	32.34	81		10	130
			Benzo(a)pyrene-d12	40	21.24	53		10	140
P2710-04	A4B24	BN032103.D	Pyridine-d5	40	0.96	2	*	20	120
			1,4-Dioxane-d8	8	2.96	37		15	120
			Phenol-d5	40	19.06	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.79	44		10	150
			2-Chlorophenol-d4	40	21.18	53		15	120
			4-Methylphenol-d8	40	18.65	47		10	140
			Nitrobenzene-d5	40	19.68	49		10	135
			2-Nitrophenol-d4	40	21.19	53		10	120
			2,4-Dichlorophenol-d3	40	20.60	52		10	140
			4-Chloroaniline-d4	40	13.40	34		1	145
			Dimethylphthalate-d6	40	21.15	53		10	145
			Acenaphthylene-d8	40	20.30	51		15	120
			4-Nitrophenol-d4	40	15.81	40		10	150
			Fluorene-d10	40	21.11	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.51	46		10	130
			Anthracene-d10	40	20.95	52		10	150
			Pyrene-d10	40	23.53	59		10	130
			Benzo(a)pyrene-d12	40	14.87	37		10	140
P2710-05	A4B26	BN032121.D	1,4-Dioxane-d8	8	3.99	50		15	120
			Pyridine-d5	40	19.18	48		20	120
			Phenol-d5	40	24.30	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.86	57		10	150
			2-Chlorophenol-d4	40	27.82	70		15	120
			4-Methylphenol-d8	40	24.02	60		10	140
			Nitrobenzene-d5	40	26.70	67		10	135
			2-Nitrophenol-d4	40	29.33	73		10	120
			2,4-Dichlorophenol-d3	40	27.18	68		10	140
			4-Chloroaniline-d4	40	23.47	59		1	145
			Dimethylphthalate-d6	40	25.61	64		10	145
			Acenaphthylene-d8	40	26.05	65		15	120
			4-Nitrophenol-d4	40	22.37	56		10	150
			Fluorene-d10	40	26.27	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.05	53		10	130
			Anthracene-d10	40	25.91	65		10	150
			Pyrene-d10	40	31.87	80		10	130
			Benzo(a)pyrene-d12	40	26.52	66		10	140
P2710-06	A4B27	BN032102.D	Pyridine-d5	40	20.52	51		20	120
			1,4-Dioxane-d8	8	4.02	50		15	120
			Phenol-d5	40	24.53	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.23	58		10	150
			2-Chlorophenol-d4	40	27.62	69		15	120
			4-Methylphenol-d8	40	26.70	67		10	140
			Nitrobenzene-d5	40	25.27	63		10	135
			2-Nitrophenol-d4	40	26.82	67		10	120

Surrogate Summary

SW-846

SDG No.: BN062024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2710-06	A4B27	BN032102.D	2,4-Dichlorophenol-d3	40	25.55	64		10	140
			4-Chloroaniline-d4	40	24.77	62		1	145
			Dimethylphthalate-d6	40	25.62	64		10	145
			Acenaphthylene-d8	40	25.43	64		15	120
			4-Nitrophenol-d4	40	19.90	50		10	150
			Fluorene-d10	40	25.48	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.15	58		10	130
			Anthracene-d10	40	25.15	63		10	150
			Pyrene-d10	40	30.08	75		10	130
			Benzo(a)pyrene-d12	40	25.58	64		10	140
P2710-07	A4BL4	BN032112.D	1,4-Dioxane-d8	8	2.70	34		15	120
			Pyridine-d5	40	0.81	2	*	20	120
			Phenol-d5	40	18.44	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.42	44		10	150
			2-Chlorophenol-d4	40	21.05	53		15	120
			4-Methylphenol-d8	40	19.44	49		10	140
			Nitrobenzene-d5	40	20.63	52		10	135
			2-Nitrophenol-d4	40	21.62	54		10	120
			2,4-Dichlorophenol-d3	40	21.00	53		10	140
			4-Chloroaniline-d4	40	10.56	26		1	145
			Dimethylphthalate-d6	40	21.31	53		10	145
			Acenaphthylene-d8	40	20.63	52		15	120
			4-Nitrophenol-d4	40	14.63	37		10	150
			Fluorene-d10	40	21.30	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.86	42		10	130
			Anthracene-d10	40	20.64	52		10	150
			Pyrene-d10	40	24.01	60		10	130
			Benzo(a)pyrene-d12	40	14.43	36		10	140
P2710-08	A4BL7	BN032109.D	1,4-Dioxane-d8	8	3.78	47		15	120
			Pyridine-d5	40	2.10	5	*	20	120
			Phenol-d5	40	24.32	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.64	57		10	150
			2-Chlorophenol-d4	40	27.32	68		15	120
			4-Methylphenol-d8	40	24.30	61		10	140
			Nitrobenzene-d5	40	26.34	66		10	135
			2-Nitrophenol-d4	40	28.15	70		10	120
			2,4-Dichlorophenol-d3	40	26.73	67		10	140
			4-Chloroaniline-d4	40	14.02	35		1	145
			Dimethylphthalate-d6	40	27.46	69		10	145
			Acenaphthylene-d8	40	26.49	66		15	120
			4-Nitrophenol-d4	40	21.63	54		10	150
			Fluorene-d10	40	27.47	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.99	60		10	130
			Anthracene-d10	40	27.43	69		10	150
			Pyrene-d10	40	30.63	77		10	130
			Benzo(a)pyrene-d12	40	19.06	48		10	140
P2710-09	A4BL8	BN032111.D	1,4-Dioxane-d8	8	2.11	26		15	120
			Pyridine-d5	40	11.23	28		20	120
			Phenol-d5	40	14.42	36		10	130

Surrogate Summary

SW-846

SDG No.: BN062024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2710-09	A4BL8	BN032111.D	Bis(2-Chloroethyl)ether-d8	40	13.76	34		10	150
			2-Chlorophenol-d4	40	16.45	41		15	120
			4-Methylphenol-d8	40	16.13	40		10	140
			Nitrobenzene-d5	40	14.98	37		10	135
			2-Nitrophenol-d4	40	15.93	40		10	120
			2,4-Dichlorophenol-d3	40	15.71	39		10	140
			4-Chloroaniline-d4	40	14.88	37		1	145
			Dimethylphthalate-d6	40	16.33	41		10	145
			Acenaphthylene-d8	40	16.37	41		15	120
			4-Nitrophenol-d4	40	11.80	30		10	150
			Fluorene-d10	40	16.61	42		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.84	30		10	130
			Anthracene-d10	40	16.45	41		10	150
			Pyrene-d10	40	21.31	53		10	130
			Benzo(a)pyrene-d12	40	16.85	42		10	140
P2710-10	A4BL9	BN032110.D	1,4-Dioxane-d8	8	3.13	39		15	120
			Pyridine-d5	40	14.28	36		20	120
			Phenol-d5	40	18.92	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.77	44		10	150
			2-Chlorophenol-d4	40	21.27	53		15	120
			4-Methylphenol-d8	40	20.08	50		10	140
			Nitrobenzene-d5	40	20.05	50		10	135
			2-Nitrophenol-d4	40	21.33	53		10	120
			2,4-Dichlorophenol-d3	40	20.23	51		10	140
			4-Chloroaniline-d4	40	19.16	48		1	145
			Dimethylphthalate-d6	40	20.61	52		10	145
			Acenaphthylene-d8	40	20.83	52		15	120
			4-Nitrophenol-d4	40	13.60	34		10	150
			Fluorene-d10	40	20.46	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.07	38		10	130
			Anthracene-d10	40	20.70	52		10	150
P2710-12	A4BM1	BN032105.D	Pyrene-d10	40	22.09	55		10	130
			Benzo(a)pyrene-d12	40	21.37	53		10	140
			1,4-Dioxane-d8	8	2.43	30		15	120
			Pyridine-d5	40	11.87	30		20	120
			Phenol-d5	40	16.19	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.06	38		10	150
			2-Chlorophenol-d4	40	17.94	45		15	120
			4-Methylphenol-d8	40	17.77	44		10	140
			Nitrobenzene-d5	40	16.91	42		10	135
			2-Nitrophenol-d4	40	18.14	45		10	120
			2,4-Dichlorophenol-d3	40	17.72	44		10	140
			4-Chloroaniline-d4	40	17.23	43		1	145
			Dimethylphthalate-d6	40	18.46	46		10	145
			Acenaphthylene-d8	40	18.20	45		15	120
			4-Nitrophenol-d4	40	14.49	36		10	150
			Fluorene-d10	40	18.41	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.69	37		10	130
			Anthracene-d10	40	18.43	46		10	150

Surrogate Summary

SW-846

SDG No.: **BN062024**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2710-12	A4BM1	BN032105.D	Pyrene-d10	40	22.03	55		10	130
			Benzo(a)pyrene-d12	40	18.92	47		10	140
P2710-13	A4BM3	BN032108.D	1,4-Dioxane-d8	8	3.89	49		15	120
			Pyridine-d5	40	4.71	12	*	20	120
			Phenol-d5	40	26.47	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.47	64		10	150
			2-Chlorophenol-d4	40	30.45	76		15	120
			4-Methylphenol-d8	40	27.76	69		10	140
			Nitrobenzene-d5	40	28.85	72		10	135
			2-Nitrophenol-d4	40	31.24	78		10	120
			2,4-Dichlorophenol-d3	40	28.84	72		10	140
			4-Chloroaniline-d4	40	20.63	52		1	145
			Dimethylphthalate-d6	40	29.39	73		10	145
			Acenaphthylene-d8	40	28.40	71		15	120
			4-Nitrophenol-d4	40	23.06	58		10	150
			Fluorene-d10	40	28.39	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.63	72		10	130
			Anthracene-d10	40	29.40	74		10	150
			Pyrene-d10	40	32.10	80		10	130
			Benzo(a)pyrene-d12	40	20.28	51		10	140
P2710-14	A4BM4	BN032104.D	Pyridine-d5	40	17.84	45		20	120
			1,4-Dioxane-d8	8	3.46	43		15	120
			Phenol-d5	40	21.32	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.51	51		10	150
			2-Chlorophenol-d4	40	24.16	60		15	120
			4-Methylphenol-d8	40	23.55	59		10	140
			Nitrobenzene-d5	40	22.45	56		10	135
			2-Nitrophenol-d4	40	24.01	60		10	120
			2,4-Dichlorophenol-d3	40	23.25	58		10	140
			4-Chloroaniline-d4	40	22.13	55		1	145
			Dimethylphthalate-d6	40	22.97	57		10	145
			Acenaphthylene-d8	40	22.54	56		15	120
			4-Nitrophenol-d4	40	18.43	46		10	150
			Fluorene-d10	40	23.00	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.79	47		10	130
			Anthracene-d10	40	22.63	57		10	150
			Pyrene-d10	40	27.51	69		10	130
			Benzo(a)pyrene-d12	40	23.08	58		10	140
P2710-16	A4BN0	BN032107.D	Pyridine-d5	40	2.63	7	*	20	120
			1,4-Dioxane-d8	8	3.97	50		15	120
			Phenol-d5	40	23.80	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.90	57		10	150
			2-Chlorophenol-d4	40	27.27	68		15	120
			4-Methylphenol-d8	40	20.71	52		10	140
			Nitrobenzene-d5	40	26.51	66		10	135
			2-Nitrophenol-d4	40	27.97	70		10	120
			2,4-Dichlorophenol-d3	40	25.36	63		10	140
			4-Chloroaniline-d4	40	19.03	48		1	145
			Dimethylphthalate-d6	40	25.32	63		10	145

Surrogate Summary

SW-846

SDG No.: **BN062024**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2710-16	A4BN0	BN032107.D	Acenaphthylene-d8	40	25.12	63		15	120
			4-Nitrophenol-d4	40	19.29	48		10	150
			Fluorene-d10	40	25.13	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.61	59		10	130
			Anthracene-d10	40	25.27	63		10	150
			Pyrene-d10	40	26.30	66		10	130
			Benzo(a)pyrene-d12	40	17.21	43		10	140
P2710-19	A4DG6	BN032095.D	1,4-Dioxane-d8	8	3.82	48		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	31.41	79		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.30	73		10	150
			2-Chlorophenol-d4	40	33.13	83		15	120
			4-Methylphenol-d8	40	32.86	82		10	140
			Nitrobenzene-d5	40	33.23	83		10	135
			2-Nitrophenol-d4	40	33.00	82		10	120
			2,4-Dichlorophenol-d3	40	38.81	97		10	140
			4-Chloroaniline-d4	40	25.12	63		1	145
			Dimethylphthalate-d6	40	37.58	94		10	145
			Acenaphthylene-d8	40	35.61	89		15	120
			4-Nitrophenol-d4	40	31.25	78		10	150
			Fluorene-d10	40	37.91	95		20	140
			4,6-Dinitro-2-methylphenol-d2	40	31.20	78		10	130
			Anthracene-d10	40	37.65	94		10	150
			Pyrene-d10	40	48.64	122		10	130
			Benzo(a)pyrene-d12	40	39.06	98		10	140
			1,4-Dioxane-d8	8	4.30	54		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	29.65	74		10	130
P2710-19DL	A4DG6DL	BN032097.D	Bis(2-Chloroethyl)ether-d8	40	27.74	69		10	150
			2-Chlorophenol-d4	40	32.08	80		15	120
			4-Methylphenol-d8	40	31.17	78		10	140
			Nitrobenzene-d5	40	30.40	76		10	135
			2-Nitrophenol-d4	40	30.94	77		10	120
			2,4-Dichlorophenol-d3	40	38.00	95		10	140
			4-Chloroaniline-d4	40	24.45	61		1	145
			Dimethylphthalate-d6	40	35.49	89		10	145
			Acenaphthylene-d8	40	34.93	87		15	120
			4-Nitrophenol-d4	40	28.05	70		10	150
			Fluorene-d10	40	37.06	93		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.84	57		10	130
			Anthracene-d10	40	38.81	97		10	150
			Pyrene-d10	40	44.40	111		10	130
			Benzo(a)pyrene-d12	40	38.27	96		10	140
			1,4-Dioxane-d8	8	5.78	72		15	120
			Pyridine-d5	40	7.43	19	*	20	120
			Phenol-d5	40	38.30	96		10	130
P2710-21	A4B87	BN032118.D	Bis(2-Chloroethyl)ether-d8	40	35.26	88		10	150
			2-Chlorophenol-d4	40	43.52	109		15	120
			4-Methylphenol-d8	40	39.83	100		10	140

Surrogate Summary

SW-846

SDG No.: BN062024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2710-21	A4B87	BN032118.D	Nitrobenzene-d5	40	42.24	106		10	135
			2-Nitrophenol-d4	40	45.28	113		10	120
			2,4-Dichlorophenol-d3	40	43.24	108		10	140
			4-Chloroaniline-d4	40	24.34	61		1	145
			Dimethylphthalate-d6	40	40.86	102		10	145
			Acenaphthylene-d8	40	41.63	104		15	120
			4-Nitrophenol-d4	40	34.11	85		10	150
			Fluorene-d10	40	40.75	102		20	140
			4,6-Dinitro-2-methylphenol-d2	40	34.94	87		10	130
			Anthracene-d10	40	40.15	100		10	150
			Pyrene-d10	40	43.71	109		10	130
			Benzo(a)pyrene-d12	40	27.09	68		10	140
P2710-22MS	A4B87MS	BN032119.D	1,4-Dioxane-d8	8	4.77	60		15	120
			Pyridine-d5	40	13.81	35		20	120
			Phenol-d5	40	32.25	81		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.38	73		10	150
			2-Chlorophenol-d4	40	36.76	92		15	120
			4-Methylphenol-d8	40	34.05	85		10	140
			Nitrobenzene-d5	40	35.03	88		10	135
			2-Nitrophenol-d4	40	38.35	96		10	120
			2,4-Dichlorophenol-d3	40	37.39	93		10	140
			4-Chloroaniline-d4	40	24.50	61		1	145
			Dimethylphthalate-d6	40	35.44	89		10	145
			Acenaphthylene-d8	40	34.39	86		15	120
			4-Nitrophenol-d4	40	31.16	78		10	150
			Fluorene-d10	40	35.21	88		20	140
			4,6-Dinitro-2-methylphenol-d2	40	36.21	91		10	130
			Anthracene-d10	40	34.52	86		10	150
			Pyrene-d10	40	39.34	98		10	130
			Benzo(a)pyrene-d12	40	22.73	57		10	140
P2710-23MSD	A4B87MSD	BN032120.D	1,4-Dioxane-d8	8	4.75	59		15	120
			Pyridine-d5	40	13.73	34		20	120
			Phenol-d5	40	31.83	80		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.69	72		10	150
			2-Chlorophenol-d4	40	36.77	92		15	120
			4-Methylphenol-d8	40	33.56	84		10	140
			Nitrobenzene-d5	40	36.00	90		10	135
			2-Nitrophenol-d4	40	38.89	97		10	120
			2,4-Dichlorophenol-d3	40	37.48	94		10	140
			4-Chloroaniline-d4	40	24.42	61		1	145
			Dimethylphthalate-d6	40	35.36	88		10	145
			Acenaphthylene-d8	40	34.40	86		15	120
			4-Nitrophenol-d4	40	30.09	75		10	150
			Fluorene-d10	40	34.67	87		20	140
			4,6-Dinitro-2-methylphenol-d2	40	37.81	95		10	130
			Anthracene-d10	40	34.47	86		10	150
			Pyrene-d10	40	39.71	99		10	130
			Benzo(a)pyrene-d12	40	22.37	56		10	140
P2710-24	A4B88	BN032123.D	1,4-Dioxane-d8	8	3.16	40		15	120

Surrogate Summary

SW-846

SDG No.: BN062024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2710-24	A4B88	BN032123.D	Pyridine-d5	40	16.05	40		20	120
			Phenol-d5	40	20.39	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.79	47		10	150
			2-Chlorophenol-d4	40	23.09	58		15	120
			4-Methylphenol-d8	40	22.23	56		10	140
			Nitrobenzene-d5	40	22.18	55		10	135
			2-Nitrophenol-d4	40	24.09	60		10	120
			2,4-Dichlorophenol-d3	40	22.68	57		10	140
			4-Chloroaniline-d4	40	21.34	53		1	145
			Dimethylphthalate-d6	40	21.85	55		10	145
			Acenaphthylene-d8	40	21.92	55		15	120
			4-Nitrophenol-d4	40	18.36	46		10	150
			Fluorene-d10	40	22.04	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.22	28		10	130
			Anthracene-d10	40	22.54	56		10	150
			Pyrene-d10	40	26.63	67		10	130
			Benzo(a)pyrene-d12	40	21.86	55		10	140
P2710-25	A4B89	BN032113.D	1,4-Dioxane-d8	8	3.27	41		15	120
			Pyridine-d5	40	16.61	42		20	120
			Phenol-d5	40	20.67	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.42	49		10	150
			2-Chlorophenol-d4	40	23.51	59		15	120
			4-Methylphenol-d8	40	23.09	58		10	140
			Nitrobenzene-d5	40	22.29	56		10	135
			2-Nitrophenol-d4	40	23.96	60		10	120
			2,4-Dichlorophenol-d3	40	23.05	58		10	140
			4-Chloroaniline-d4	40	22.75	57		1	145
			Dimethylphthalate-d6	40	22.82	57		10	145
			Acenaphthylene-d8	40	23.10	58		15	120
			4-Nitrophenol-d4	40	18.23	46		10	150
			Fluorene-d10	40	23.16	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.37	43		10	130
			Anthracene-d10	40	23.37	58		10	150
			Pyrene-d10	40	26.50	66		10	130
			Benzo(a)pyrene-d12	40	23.14	58		10	140
PB161390BL	PB161390BL	BN032115.D	1,4-Dioxane-d8	8	4.73	59		15	120
			Pyridine-d5	40	23.21	58		20	120
		BN032100.D	Pyridine-d5	40	21.94	55		20	120
			1,4-Dioxane-d8	8	4.46	56		15	120
		BN032115.D	Phenol-d5	40	23.93	60		10	130
			Phenol-d5	40	26.51	66		10	130
		BN032100.D	Bis(2-Chloroethyl)ether-d8	40	24.66	62		10	150
			Bis(2-Chloroethyl)ether-d8	40	23.18	58		10	150
		BN032115.D	2-Chlorophenol-d4	40	27.13	68		15	120
			2-Chlorophenol-d4	40	29.96	75		15	120
		BN032100.D	4-Methylphenol-d8	40	28.48	71		10	140
			4-Methylphenol-d8	40	25.75	64		10	140
		BN032115.D	Nitrobenzene-d5	40	25.43	64		10	135
			Nitrobenzene-d5	40	28.55	71		10	135

Surrogate Summary

SW-846

SDG No.: BN062024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161390BL	PB161390BL	BN032115.D	2-Nitrophenol-d4	40	30.60	76		10	120
		BN032100.D	2-Nitrophenol-d4	40	27.16	68		10	120
			2,4-Dichlorophenol-d3	40	25.27	63		10	140
		BN032115.D	2,4-Dichlorophenol-d3	40	28.03	70		10	140
			4-Chloroaniline-d4	40	29.28	73		1	145
		BN032100.D	4-Chloroaniline-d4	40	26.42	66		1	145
			Dimethylphthalate-d6	40	26.09	65		10	145
		BN032115.D	Dimethylphthalate-d6	40	29.12	73		10	145
			Acenaphthylene-d8	40	28.27	71		15	120
		BN032100.D	Acenaphthylene-d8	40	25.51	64		15	120
			4-Nitrophenol-d4	40	22.46	56		10	150
		BN032115.D	4-Nitrophenol-d4	40	25.41	64		10	150
			Fluorene-d10	40	28.55	71		20	140
		BN032100.D	Fluorene-d10	40	25.63	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.10	58		10	130
		BN032115.D	4,6-Dinitro-2-methylphenol-d2	40	25.93	65		10	130
			Anthracene-d10	40	29.37	73		10	150
		BN032100.D	Anthracene-d10	40	26.80	67		10	150
			Pyrene-d10	40	30.26	76		10	130
		BN032115.D	Pyrene-d10	40	33.78	84		10	130
			Benzo(a)pyrene-d12	40	29.72	74		10	140
		BN032100.D	Benzo(a)pyrene-d12	40	26.56	66		10	140



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

Surrogate Summary

SW-846

SDG No.: BN062024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2894-05	SVOC-GPC-BLANBN032116.D		1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	10	150
			2-Chlorophenol-d4	40	0.00	0	*	15	120
			4-Methylphenol-d8	40	0.00	0	*	10	140
			Nitrobenzene-d5	40	0.00	0	*	10	135
			2-Nitrophenol-d4	40	0.00	0	*	10	120
			2,4-Dichlorophenol-d3	40	0.00	0	*	10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	0.00	0	*	10	145
			Acenaphthylene-d8	40	0.00	0	*	15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	10	150
			Pyrene-d10	40	0.00	0	*	10	130
			Benzo(a)pyrene-d12	40	0.00	0	*	10	140



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Surrogate Summary

SW-846

SDG No.: BN062024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2894-10	SVOC-GPC2-BLA1BN032117.D		1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	10	150
			2-Chlorophenol-d4	40	0.00	0	*	15	120
			4-Methylphenol-d8	40	0.00	0	*	10	140
			Nitrobenzene-d5	40	0.00	0	*	10	135
			2-Nitrophenol-d4	40	0.00	0	*	10	120
			2,4-Dichlorophenol-d3	40	0.00	0	*	10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	0.00	0	*	10	145
			Acenaphthylene-d8	40	0.00	0	*	15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	10	150
			Pyrene-d10	40	0.00	0	*	10	130
			Benzo(a)pyrene-d12	40	0.00	0	*	10	140

Surrogate Summary

SW-846

SDG No.: BN062024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2663-11	BHBZ5	BN032096.D	Pyridine-d5	40	6.96	17	*	20	120
			1,4-Dioxane-d8	8	3.99	50		15	120
			Phenol-d5	40	5.98	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.41	71		25	120
			2-Chlorophenol-d4	40	24.53	61		20	130
			4-Methylphenol-d8	40	15.58	39		25	125
			Nitrobenzene-d5	40	32.48	81		20	125
			2-Nitrophenol-d4	40	26.12	65		20	130
			2,4-Dichlorophenol-d3	40	27.43	69		20	120
			4-Chloroaniline-d4	40	26.33	66		1	146
			Dimethylphthalate-d6	40	32.15	80		25	130
			Acenaphthylene-d8	40	31.53	79		10	130
			4-Nitrophenol-d4	40	3.07	8	*	10	150
			Fluorene-d10	40	33.18	83		25	125
			4,6-Dinitro-2-methylphenol-d2	40	1.99	5	*	10	130
			Anthracene-d10	40	35.20	88		25	130
			Pyrene-d10	40	37.36	93		15	130
			Benzo(a)pyrene-d12	40	35.46	89		20	130
PB161544BL	PB161544BL	BN032094.D	Pyridine-d5	40	26.71	67		20	120
			1,4-Dioxane-d8	8	5.82	73		15	120
			Phenol-d5	40	30.26	76		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.29	73		25	120
			2-Chlorophenol-d4	40	33.11	83		20	130
			4-Methylphenol-d8	40	31.96	80		25	125
			Nitrobenzene-d5	40	31.89	80		20	125
			2-Nitrophenol-d4	40	33.19	83		20	130
			2,4-Dichlorophenol-d3	40	32.09	80		20	120
			4-Chloroaniline-d4	40	27.49	69		1	146
			Dimethylphthalate-d6	40	33.43	84		25	130
			Acenaphthylene-d8	40	32.17	80		10	130
			4-Nitrophenol-d4	40	28.70	72		10	150
			Fluorene-d10	40	33.77	84		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.35	68		10	130
			Anthracene-d10	40	34.73	87		25	130
			Pyrene-d10	40	36.85	92		15	130
			Benzo(a)pyrene-d12	40	35.21	88		20	130
PB161544BS	PB161544BS	BN032098.D	1,4-Dioxane-d8	8	6.06	76		15	120
			Pyridine-d5	40	24.43	61		20	120
			Phenol-d5	40	30.49	76		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.25	71		25	120
			2-Chlorophenol-d4	40	32.65	82		20	130
			4-Methylphenol-d8	40	32.28	81		25	125
			Nitrobenzene-d5	40	31.44	79		20	125
			2-Nitrophenol-d4	40	34.82	87		20	130
			2,4-Dichlorophenol-d3	40	32.90	82		20	120
			4-Chloroaniline-d4	40	27.17	68		1	146
			Dimethylphthalate-d6	40	31.48	79		25	130
			Acenaphthylene-d8	40	30.64	77		10	130
			4-Nitrophenol-d4	40	29.64	74		10	150



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Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: BN062024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161544BS	PB161544BS	BN032098.D	Fluorene-d10	40	30.97	77		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.75	92		10	130
			Anthracene-d10	40	31.06	78		25	130
			Pyrene-d10	40	37.06	93		15	130
			Benzo(a)pyrene-d12	40	32.84	82		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN062024

Lab Code: CHEM

SAS No.: BN062024

SDG NO.: BN062024

Lab File ID: BN032092.D

DFTPP Injection Date: 06/20/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29.9
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	33.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47.4
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	26
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	10.6
442	Greater than 50% of mass 198	63.4
443	15.0 - 24.0% of mass 442	13.4 (21.2) 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
SSTD020296	SSTDCCC020	BN032093.D	06/20/2024	09:33
SBLK544	PB161544BL	BN032094.D	06/20/2024	10:12
A4DG6	P2710-19	BN032095.D	06/20/2024	10:55
BHBZ5	P2663-11	BN032096.D	06/20/2024	13:01
A4DG6DL	P2710-19DL	BN032097.D	06/20/2024	15:03
SLCS544	PB161544BS	BN032098.D	06/20/2024	16:02
SSTD020297	SSTDCCC020	BN032099.D	06/20/2024	16:41
SBLK390	PB161390BL	BN032100.D	06/20/2024	17:21
A4B20	P2710-01	BN032101.D	06/20/2024	18:00
A4B27	P2710-06	BN032102.D	06/20/2024	18:40
A4B24	P2710-04	BN032103.D	06/20/2024	19:20
A4BM4	P2710-14	BN032104.D	06/20/2024	19:59
A4BM1	P2710-12	BN032105.D	06/20/2024	20:39
A4B21	P2710-02	BN032106.D	06/20/2024	21:18
A4BN0	P2710-16	BN032107.D	06/20/2024	21:58
A4BM3	P2710-13	BN032108.D	06/20/2024	22:37
A4BL7	P2710-08	BN032109.D	06/20/2024	23:17
A4BL9	P2710-10	BN032110.D	06/20/2024	23:56

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN062024

Lab Code: CHEM

SAS No.: BN062024

SDG NO.: BN062024

Lab File ID: BN032092.D

DFTPP Injection Date: 06/20/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29.9
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	33.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47.4
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	26
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	10.6
442	Greater than 50% of mass 198	63.4
443	15.0 - 24.0% of mass 442	13.4 (21.2) 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
A4BL8	P2710-09	BN032111.D	06/21/2024	00:35
A4BL4	P2710-07	BN032112.D	06/21/2024	01:14
A4B89	P2710-25	BN032113.D	06/21/2024	01:54
SSTD020298	SSTDCCC020	BN032114.D	06/21/2024	03:12
SBLK390	PB161390BL	BN032115.D	06/21/2024	03:51
SVOC-GPC-BLANK	P2894-05	BN032116.D	06/21/2024	04:30
SVOC-GPC2-BLANK	P2894-10	BN032117.D	06/21/2024	05:09
A4B87	P2710-21	BN032118.D	06/21/2024	05:48
A4B87MS	P2710-22MS	BN032119.D	06/21/2024	06:27
A4B87MSD	P2710-23MSD	BN032120.D	06/21/2024	07:06
A4B26	P2710-05	BN032121.D	06/21/2024	07:45
A4B23	P2710-03	BN032122.D	06/21/2024	08:24
A4B88	P2710-24	BN032123.D	06/21/2024	09:04