

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN091324 SAS No.: BN091324 SDG No.: BN091324

Instrument ID: BNA_N Calibration Date/Time: 9/13/2024 1:09:00

Lab File ID: BN033889.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020318 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	0.572	0.010	10.6817	40.0
Benzaldehyde	0.937	1.095	0.010	16.8538	40.0
Pyridine	1.491	1.488	0.010	-0.2156	40.0
Phenol	1.848	1.682	0.080	-9.0123	20.0
Bis(2-Chloroethyl)ether	1.436	1.333	0.100	-7.213	20.0
2-Chlorophenol	1.432	1.399	0.200	-2.3153	20.0
2-Methylphenol	1.381	1.227	0.010	-11.1443	20.0
2,2-oxybis(1-Chloropropane)	2.118	2.030	0.010	-4.1739	40.0
Acetophenone	2.314	2.073	0.060	-10.4023	20.0
4-Methylphenol	1.537	1.345	0.010	-12.5248	20.0
N-Nitroso-di-n-propylamine	1.146	1.027	0.050	-10.3716	30.0
Hexachloroethane	0.604	0.604	0.100	0.0494	20.0
Nitrobenzene	0.399	0.401	0.050	0.5899	25.0
Isophorone	0.736	0.679	0.050	-7.7338	25.0
2-Nitrophenol	0.183	0.180	0.050	-1.6243	25.0
2,4-Dimethylphenol	0.377	0.369	0.050	-2.1887	25.0
Bis(2-Chloroethoxy)methane	0.453	0.421	0.050	-6.9223	20.0
2,4-Dichlorophenol	0.313	0.305	0.060	-2.4173	20.0
Naphthalene	1.094	1.073	0.200	-1.9157	20.0
4-Chloroaniline	0.461	0.424	0.010	-7.9958	40.0
Hexachlorobutadiene	0.201	0.209	0.040	3.9782	30.0
Caprolactam	0.124	0.095	0.010	-23.3215	40.0
4-Chloro-3-methylphenol	0.368	0.338	0.040	-8.2456	25.0
1-Methylnaphthalene	0.763	0.716	0.100	-6.1301	20.0
2-Methylnaphthalene	0.754	0.710	0.100	-5.7844	20.0
Hexachlorocyclopentadiene	0.355	0.353	0.010	-0.7299	40.0
2,4,6-Trichlorophenol	0.383	0.368	0.090	-3.799	25.0
2,4,5-Trichlorophenol	0.420	0.413	0.100	-1.8624	25.0
1,1-Biphenyl	1.508	1.466	0.200	-2.7732	20.0
2-Chloronaphthalene	1.175	1.156	0.300	-1.545	20.0
2-Nitroaniline	0.380	0.362	0.050	-4.5727	40.0
Dimethylphthalate	1.523	1.450	0.300	-4.8311	20.0
2,6-Dinitrotoluene	0.300	0.281	0.080	-6.1893	30.0
Acenaphthylene	1.840	1.808	0.400	-1.7485	20.0
3-Nitroaniline	0.331	0.319	0.010	-3.7196	40.0
Acenaphthene	1.314	1.284	0.200	-2.2624	20.0
2,4-Dinitrophenol	0.176	0.150	0.010	-15.2121	40.0
4-Nitrophenol	0.261	0.264	0.010	1.3811	40.0
Dibenzofuran	1.796	1.768	0.300	-1.5669	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN091324 SAS No.: BN091324 SDG No.: BN091324

Instrument ID: BNA_N Calibration Date/Time: 9/13/2024 1:09:00

Lab File ID: BN033889.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020318 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.452	0.435	0.070	-3.7412	30.0
Diethylphthalate	1.592	1.556	0.300	-2.259	20.0
Fluorene	1.469	1.440	0.200	-2.0344	20.0
4-Chlorophenyl-phenylether	0.712	0.703	0.100	-1.3103	20.0
4-Nitroaniline	0.341	0.357	0.010	4.6829	40.0
4,6-Dinitro-2-methylphenol	0.132	0.120	0.010	-9.3619	40.0
N-Nitrosodiphenylamine	0.599	0.585	0.050	-2.3484	20.0
1,2,4,5-Tetrachlorobenzene	0.577	0.589	0.100	1.934	20.0
4-Bromophenyl-phenylether	0.203	0.199	0.070	-2.0386	20.0
Hexachlorobenzene	0.236	0.232	0.050	-1.4741	25.0
Atrazine	0.217	0.214	0.010	-1.3197	25.0
Pentachlorophenol	0.157	0.148	0.010	-5.7434	40.0
Phenanthrene	1.103	1.100	0.200	-0.2223	20.0
Pentachlorobenzene	0.283	0.275	0.050	-2.794	20.0
Anthracene	1.126	1.124	0.200	-0.2076	20.0
1,2,3,4-Tetrachlorobenzene	0.278	0.275	0.050	-1.3025	20.0
Carbazole	1.036	1.044	0.050	0.7535	40.0
Di-n-butylphthalate	1.318	1.274	0.500	-3.3397	25.0
Fluoranthene	1.303	1.211	0.400	-7.0474	25.0
Pyrene	1.400	1.320	0.400	-5.711	25.0
Butylbenzylphthalate	0.628	0.576	0.100	-8.3583	40.0
3,3-Dichlorobenzidine	0.449	0.445	0.010	-0.9089	40.0
Benzo (a) anthracene	1.426	1.370	0.300	-3.9482	30.0
Chrysene	1.361	1.317	0.200	-3.2009	30.0
Bis (2-ethylhexyl) phthalate	0.919	0.872	0.200	-5.1379	40.0
Di-n-octyl phthalate	1.331	1.246	0.010	-6.3906	40.0
Benzo (b) fluoranthene	1.219	1.212	0.200	-0.6226	25.0
Benzo (k) fluoranthene	1.203	1.221	0.200	1.5292	25.0
Benzo (a) pyrene	1.152	1.132	0.200	-1.7383	20.0
Indeno (1,2,3-cd) pyrene	1.427	1.486	0.200	4.1226	25.0
Dibenzo (a,h) anthracene	1.154	1.178	0.200	2.1093	30.0
Benzo (g,h,i) perylene	1.108	1.133	0.200	2.2298	30.0
2,3,4,6-Tetrachlorophenol	0.349	0.346	0.040	-0.7761	20.0
1,4-Dioxane-d8	0.490	0.552	0.010	12.5715	25.0
Pyridine-d5	1.457	1.446	0.010	-0.7746	40.0
Phenol-d5	1.775	1.613	0.010	-9.1066	25.0
Bis- (2-Chloroethyl) ether-d8	1.101	1.032	0.050	-6.2615	25.0
2-Chlorophenol-d4	1.397	1.352	0.200	-3.2559	20.0
4-Methylphenol-d8	1.461	1.278	0.010	-12.4924	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN091324 SAS No.: BN091324 SDG No.: BN091324

Instrument ID: BNA_N Calibration Date/Time: 9/13/2024 1:09:00

Lab File ID: BN033889.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020318 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.155	0.050	-2.7194	20.0
2-Nitrophenol-d4	0.164	0.161	0.050	-1.8117	30.0
2,4-Dichlorophenol-d3	0.309	0.299	0.060	-3.1711	20.0
4-Chloroaniline-d4	0.467	0.437	0.010	-6.5278	40.0
Dimethylphthalate-d6	1.495	1.413	0.300	-5.4876	20.0
Acenaphthylene-d8	1.681	1.627	0.400	-3.2524	20.0
4-Nitrophenol-d4	0.307	0.275	0.010	-10.4623	40.0
Fluorene-d10	1.267	1.243	0.100	-1.8541	20.0
4,6-Dinitro-2-methylphenol-d2	0.119	0.106	0.010	-11.123	40.0
Anthracene-d10	0.940	0.931	0.300	-0.9513	20.0
Pyrene-d10	1.114	1.030	0.300	-7.5681	25.0
Benzo(a)pyrene-d12	1.027	1.026	0.010	-0.158	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.: BN091324 SAS No.: BN091324 SDG No.: BN091324

Instrument ID: BNA_N Calibration Date/Time: 9/13/2024 1:15:08

Lab File ID: BN033897.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020319 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	0.571	0.010	10.5	40.0
Benzaldehyde	0.937	1.088	0.010	16.1655	40.0
Pyridine	1.491	1.483	0.010	-0.5394	40.0
Phenol	1.848	1.676	0.080	-9.3204	20.0
Bis(2-Chloroethyl)ether	1.436	1.343	0.100	-6.4927	20.0
2-Chlorophenol	1.432	1.385	0.200	-3.3059	20.0
2-Methylphenol	1.381	1.230	0.010	-10.9366	20.0
2,2-oxybis(1-Chloropropane)	2.118	1.972	0.010	-6.9251	40.0
Acetophenone	2.314	2.041	0.060	-11.8021	20.0
4-Methylphenol	1.537	1.326	0.010	-13.7407	20.0
N-Nitroso-di-n-propylamine	1.146	0.992	0.050	-13.3832	30.0
Hexachloroethane	0.604	0.597	0.100	-1.2036	20.0
Nitrobenzene	0.399	0.398	0.050	-0.3158	25.0
Isophorone	0.736	0.670	0.050	-8.9367	25.0
2-Nitrophenol	0.183	0.183	0.050	-0.1963	25.0
2,4-Dimethylphenol	0.377	0.360	0.050	-4.5404	25.0
Bis(2-Chloroethoxy)methane	0.453	0.421	0.050	-6.9951	20.0
2,4-Dichlorophenol	0.313	0.308	0.060	-1.4804	20.0
Naphthalene	1.094	1.071	0.200	-2.0893	20.0
4-Chloroaniline	0.461	0.418	0.010	-9.1415	40.0
Hexachlorobutadiene	0.201	0.208	0.040	3.6097	30.0
Caprolactam	0.124	0.113	0.010	-9.0865	40.0
4-Chloro-3-methylphenol	0.368	0.331	0.040	-9.9577	25.0
1-Methylnaphthalene	0.763	0.712	0.100	-6.5946	20.0
2-Methylnaphthalene	0.754	0.702	0.100	-6.8211	20.0
Hexachlorocyclopentadiene	0.355	0.352	0.010	-1.0451	40.0
2,4,6-Trichlorophenol	0.383	0.383	0.090	0.1712	25.0
2,4,5-Trichlorophenol	0.420	0.412	0.100	-2.1124	25.0
1,1-Biphenyl	1.508	1.501	0.200	-0.4768	20.0
2-Chloronaphthalene	1.175	1.171	0.300	-0.3192	20.0
2-Nitroaniline	0.380	0.364	0.050	-4.1319	40.0
Dimethylphthalate	1.523	1.441	0.300	-5.4315	20.0
2,6-Dinitrotoluene	0.300	0.283	0.080	-5.6099	30.0
Acenaphthylene	1.840	1.813	0.400	-1.4531	20.0
3-Nitroaniline	0.331	0.323	0.010	-2.5313	40.0
Acenaphthene	1.314	1.280	0.200	-2.5905	20.0
2,4-Dinitrophenol	0.176	0.140	0.010	-20.4318	40.0
4-Nitrophenol	0.261	0.249	0.010	-4.2402	40.0
Dibenzofuran	1.796	1.746	0.300	-2.8063	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN091324 SAS No.: BN091324 SDG No.: BN091324

Instrument ID: BNA_N Calibration Date/Time: 9/13/2024 1:15:08

Lab File ID: BN033897.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020319 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.452	0.438	0.070	-3.1643	30.0
Diethylphthalate	1.592	1.483	0.300	-6.8464	20.0
Fluorene	1.469	1.421	0.200	-3.2687	20.0
4-Chlorophenyl-phenylether	0.712	0.695	0.100	-2.4569	20.0
4-Nitroaniline	0.341	0.338	0.010	-0.9484	40.0
4,6-Dinitro-2-methylphenol	0.132	0.113	0.010	-14.3575	40.0
N-Nitrosodiphenylamine	0.599	0.587	0.050	-1.9846	20.0
1,2,4,5-Tetrachlorobenzene	0.577	0.609	0.100	5.5445	20.0
4-Bromophenyl-phenylether	0.203	0.204	0.070	0.2257	20.0
Hexachlorobenzene	0.236	0.233	0.050	-1.3392	25.0
Atrazine	0.217	0.213	0.010	-1.8131	25.0
Pentachlorophenol	0.157	0.158	0.010	0.3641	40.0
Phenanthrene	1.103	1.092	0.200	-1.0022	20.0
Pentachlorobenzene	0.283	0.288	0.050	1.4607	20.0
Anthracene	1.126	1.112	0.200	-1.2902	20.0
1,2,3,4-Tetrachlorobenzene	0.278	0.296	0.050	6.1897	20.0
Carbazole	1.036	1.049	0.050	1.1744	40.0
Di-n-butylphthalate	1.318	1.270	0.500	-3.6209	25.0
Fluoranthene	1.303	1.251	0.400	-3.9502	25.0
Pyrene	1.400	1.357	0.400	-3.1165	25.0
Butylbenzylphthalate	0.628	0.589	0.100	-6.1569	40.0
3,3-Dichlorobenzidine	0.449	0.450	0.010	0.1054	40.0
Benzo (a) anthracene	1.426	1.387	0.300	-2.7045	30.0
Chrysene	1.361	1.340	0.200	-1.5258	30.0
Bis (2-ethylhexyl) phthalate	0.919	0.883	0.200	-3.9949	40.0
Di-n-octyl phthalate	1.331	1.253	0.010	-5.8816	40.0
Benzo (b) fluoranthene	1.219	1.225	0.200	0.4851	25.0
Benzo (k) fluoranthene	1.203	1.173	0.200	-2.4571	25.0
Benzo (a) pyrene	1.152	1.146	0.200	-0.5203	20.0
Indeno (1,2,3-cd) pyrene	1.427	1.463	0.200	2.5286	25.0
Dibenzo (a,h) anthracene	1.154	1.182	0.200	2.4433	30.0
Benzo (g,h,i) perylene	1.108	1.122	0.200	1.2915	30.0
2,3,4,6-Tetrachlorophenol	0.349	0.343	0.040	-1.7784	20.0
1,4-Dioxane-d8	0.490	0.532	0.010	8.5374	25.0
Pyridine-d5	1.457	1.469	0.010	0.8588	40.0
Phenol-d5	1.775	1.595	0.010	-10.1429	25.0
Bis- (2-Chloroethyl) ether-d8	1.101	1.017	0.050	-7.6285	25.0
2-Chlorophenol-d4	1.397	1.352	0.200	-3.2394	20.0
4-Methylphenol-d8	1.461	1.264	0.010	-13.4573	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN091324 SAS No.: BN091324 SDG No.: BN091324

Instrument ID: BNA_N Calibration Date/Time: 9/13/2024 1:15:08

Lab File ID: BN033897.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020319 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.158	0.050	-1.1897	20.0
2-Nitrophenol-d4	0.164	0.163	0.050	-0.5426	30.0
2,4-Dichlorophenol-d3	0.309	0.301	0.060	-2.4764	20.0
4-Chloroaniline-d4	0.467	0.427	0.010	-8.7425	40.0
Dimethylphthalate-d6	1.495	1.434	0.300	-4.0581	20.0
Acenaphthylene-d8	1.681	1.669	0.400	-0.7385	20.0
4-Nitrophenol-d4	0.307	0.277	0.010	-9.7495	40.0
Fluorene-d10	1.267	1.231	0.100	-2.8191	20.0
4,6-Dinitro-2-methylphenol-d2	0.119	0.102	0.010	-14.2981	40.0
Anthracene-d10	0.940	0.938	0.300	-0.2482	20.0
Pyrene-d10	1.114	1.077	0.300	-3.3298	25.0
Benzo(a)pyrene-d12	1.027	1.012	0.010	-1.4897	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.: BN091324 SAS No.: BN091324 SDG No.: BN091324

Instrument ID: BNA_N Calibration Date/Time: 9/14/2024 1:00:58

Lab File ID: BN033911.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020320 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	0.558	0.010	7.8896	50.0
Benzaldehyde	0.937	1.100	0.010	17.3987	50.0
Pyridine	1.491	1.505	0.010	0.9586	50.0
Phenol	1.848	1.714	0.080	-7.2716	50.0
Bis(2-Chloroethyl)ether	1.436	1.358	0.100	-5.425	50.0
2-Chlorophenol	1.432	1.417	0.200	-1.0392	50.0
2-Methylphenol	1.381	1.238	0.010	-10.3799	50.0
2,2-oxybis(1-Chloropropane)	2.118	1.995	0.010	-5.822	50.0
Acetophenone	2.314	2.031	0.060	-12.1961	50.0
4-Methylphenol	1.537	1.361	0.010	-11.4608	50.0
N-Nitroso-di-n-propylamine	1.146	1.023	0.050	-10.7282	50.0
Hexachloroethane	0.604	0.601	0.100	-0.4304	50.0
Nitrobenzene	0.399	0.401	0.050	0.4955	50.0
Isophorone	0.736	0.681	0.050	-7.4951	50.0
2-Nitrophenol	0.183	0.184	0.050	0.2264	50.0
2,4-Dimethylphenol	0.377	0.368	0.050	-2.3732	50.0
Bis(2-Chloroethoxy)methane	0.453	0.426	0.050	-5.8887	50.0
2,4-Dichlorophenol	0.313	0.305	0.060	-2.4349	50.0
Naphthalene	1.094	1.081	0.200	-1.1691	50.0
4-Chloroaniline	0.461	0.424	0.010	-7.883	50.0
Hexachlorobutadiene	0.201	0.202	0.040	0.8452	50.0
Caprolactam	0.124	0.123	0.010	-1.1815	50.0
4-Chloro-3-methylphenol	0.368	0.343	0.040	-6.7961	50.0
1-Methylnaphthalene	0.763	0.710	0.100	-6.8751	50.0
2-Methylnaphthalene	0.754	0.712	0.100	-5.5205	50.0
Hexachlorocyclopentadiene	0.355	0.343	0.010	-3.5884	50.0
2,4,6-Trichlorophenol	0.383	0.381	0.090	-0.3455	50.0
2,4,5-Trichlorophenol	0.420	0.421	0.100	0.0905	50.0
1,1-Biphenyl	1.508	1.485	0.200	-1.4955	50.0
2-Chloronaphthalene	1.175	1.177	0.300	0.1907	50.0
2-Nitroaniline	0.380	0.367	0.050	-3.2274	50.0
Dimethylphthalate	1.523	1.461	0.300	-4.1101	50.0
2,6-Dinitrotoluene	0.300	0.290	0.080	-3.2756	50.0
Acenaphthylene	1.840	1.807	0.400	-1.7955	50.0
3-Nitroaniline	0.331	0.327	0.010	-1.4082	50.0
Acenaphthene	1.314	1.274	0.200	-2.9881	50.0
2,4-Dinitrophenol	0.176	0.160	0.010	-9.1268	50.0
4-Nitrophenol	0.261	0.259	0.010	-0.6912	50.0
Dibenzofuran	1.796	1.726	0.300	-3.9395	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN091324 SAS No.: BN091324 SDG No.: BN091324

Instrument ID: BNA_N Calibration Date/Time: 9/14/2024 1:00:58

Lab File ID: BN033911.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020320 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.452	0.444	0.070	-1.9108	50.0
Diethylphthalate	1.592	1.503	0.300	-5.5716	50.0
Fluorene	1.469	1.424	0.200	-3.1188	50.0
4-Chlorophenyl-phenylether	0.712	0.679	0.100	-4.7258	50.0
4-Nitroaniline	0.341	0.359	0.010	5.3073	50.0
4,6-Dinitro-2-methylphenol	0.132	0.117	0.010	-11.5008	50.0
N-Nitrosodiphenylamine	0.599	0.585	0.050	-2.4462	50.0
1,2,4,5-Tetrachlorobenzene	0.577	0.597	0.100	3.3897	50.0
4-Bromophenyl-phenylether	0.203	0.193	0.070	-5.0859	50.0
Hexachlorobenzene	0.236	0.230	0.050	-2.5137	50.0
Atrazine	0.217	0.214	0.010	-1.5813	50.0
Pentachlorophenol	0.157	0.173	0.010	10.4908	50.0
Phenanthrene	1.103	1.089	0.200	-1.2255	50.0
Pentachlorobenzene	0.283	0.273	0.050	-3.8062	50.0
Anthracene	1.126	1.111	0.200	-1.323	50.0
1,2,3,4-Tetrachlorobenzene	0.278	0.279	0.050	0.3291	50.0
Carbazole	1.036	1.050	0.050	1.3197	50.0
Di-n-butylphthalate	1.318	1.221	0.500	-7.3012	50.0
Fluoranthene	1.303	1.271	0.400	-2.4719	50.0
Pyrene	1.400	1.348	0.400	-3.775	50.0
Butylbenzylphthalate	0.628	0.577	0.100	-8.1273	50.0
3,3-Dichlorobenzidine	0.449	0.433	0.010	-3.6122	50.0
Benzo (a) anthracene	1.426	1.387	0.300	-2.7063	50.0
Chrysene	1.361	1.307	0.200	-3.9121	50.0
Bis(2-ethylhexyl)phthalate	0.919	0.860	0.200	-6.4648	50.0
Di-n-octyl phthalate	1.331	1.252	0.010	-5.9106	50.0
Benzo (b) fluoranthene	1.219	1.189	0.200	-2.529	50.0
Benzo (k) fluoranthene	1.203	1.222	0.200	1.5954	50.0
Benzo (a) pyrene	1.152	1.141	0.200	-0.924	50.0
Indeno (1,2,3-cd) pyrene	1.427	1.464	0.200	2.5704	50.0
Dibenzo (a,h) anthracene	1.154	1.170	0.200	1.4301	50.0
Benzo (g,h,i) perylene	1.108	1.119	0.200	1.0083	50.0
2,3,4,6-Tetrachlorophenol	0.349	0.346	0.040	-0.7512	50.0
1,4-Dioxane-d8	0.490	0.539	0.010	9.9899	50.0
Pyridine-d5	1.457	1.454	0.010	-0.2107	50.0
Phenol-d5	1.775	1.638	0.010	-7.7114	50.0
Bis- (2-Chloroethyl) ether-d8	1.101	1.037	0.050	-5.802	50.0
2-Chlorophenol-d4	1.397	1.382	0.200	-1.0546	50.0
4-Methylphenol-d8	1.461	1.307	0.010	-10.5036	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN091324 SAS No.: BN091324 SDG No.: BN091324

Instrument ID: BNA_N Calibration Date/Time: 9/14/2024 1:00:58

Lab File ID: BN033911.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020320 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.158	0.050	-1.119	50.0
2-Nitrophenol-d4	0.164	0.163	0.050	-0.2602	50.0
2,4-Dichlorophenol-d3	0.309	0.302	0.060	-2.3178	50.0
4-Chloroaniline-d4	0.467	0.435	0.010	-6.8513	50.0
Dimethylphthalate-d6	1.495	1.426	0.300	-4.5827	50.0
Acenaphthylene-d8	1.681	1.663	0.400	-1.1096	50.0
4-Nitrophenol-d4	0.307	0.290	0.010	-5.4099	50.0
Fluorene-d10	1.267	1.224	0.100	-3.3885	50.0
4,6-Dinitro-2-methylphenol-d2	0.119	0.104	0.010	-12.6542	50.0
Anthracene-d10	0.940	0.925	0.300	-1.5865	50.0
Pyrene-d10	1.114	1.073	0.300	-3.7544	50.0
Benzo(a)pyrene-d12	1.027	1.033	0.010	0.5942	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	SBLK351	SDG No.:	BN091324
Lab Sample ID:	PB163351BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033890.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163351

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

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	SBLK351	SDG No.:	BN091324
Lab Sample ID:	PB163351BL	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
BN033890.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163351

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

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	SBLK351	SDG No.:	BN091324
Lab Sample ID:	PB163351BL	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
BN033890.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.733		15-120		84	SPK: -8
7291-22-7	Pyridine-d5	27.393		20-120		68	SPK: -40
4165-62-2	Phenol-d5	26.559		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.449		25-120		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.785		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	24.767		25-125		62	SPK: -40
4165-60-0	Nitrobenzene-d5	29.051		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.965		20-130		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.983		20-120		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.346		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.651		25-130		72	SPK: -40
93951-97-4	Acenaphthylene-d8	28.403		10-130		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.976		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	28.806		25-125		72	SPK: -40

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	SBLK351	SDG No.:	BN091324
Lab Sample ID:	PB163351BL	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
BN033890.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.197		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	30.224		25-130		76	SPK: -40
1718-52-1	Pyrene-d10	29.331		15-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.635		20-130		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	129665	7.493				
1146-65-2	Naphthalene-d8	517095	10.251				
15067-26-2	Acenaphthene-d10	301132	14.139				
1517-22-2	Phenanthrene-d10	620111	16.892				
1719-03-5	Chrysene-d12	651386	21.127				
1520-96-3	Perylene-d12	762648	23.904				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	SLCS351	SDG No.:	BN091324
Lab Sample ID:	PB163351BS	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
BN033891.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12		0.31	0.5	2	ug/L
110-86-1	Pyridine	30		0.85	10	10	ug/L
100-52-7	Benzaldehyde	27		1.4	5	10	ug/L
108-95-2	Phenol	30		1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	30		1.5	5	10	ug/L
95-57-8	2-Chlorophenol	31		1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	29		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	30		1.4	5	10	ug/L
98-86-2	Acetophenone	29		2.1	5	10	ug/L
106-44-5	4-Methylphenol	29		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	33		0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	33		1.3	2.5	5	ug/L
78-59-1	Isophorone	31		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	33		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	31		1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	32		1.4	2.5	5	ug/L
91-20-3	Naphthalene	32		1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	25		1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	33		1.1	2.5	5	ug/L
105-60-2	Caprolactam	28		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	31		0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	31		1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	30		1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	28		1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	29		1.7	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	SLCS351	SDG No.:	BN091324
Lab Sample ID:	PB163351BS	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
BN033891.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32		1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	31		1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	33		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	32		1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	34		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	33		1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	32		0.86	5	10	ug/L
83-32-9	Acenaphthene	31		1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	31		1.9	5	10	ug/L
100-02-7	4-Nitrophenol	34		1.5	5	10	ug/L
132-64-9	Dibenzofuran	32		1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	34		0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	33		1.5	2.5	5	ug/L
86-73-7	Fluorene	33		2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	33		1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	35		0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	31		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	33		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	33		2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	34		1.9	2.5	5	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5	10	ug/L
87-86-5	Pentachlorophenol	23		1.7	5	10	ug/L
85-01-8	Phenanthrene	33		1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	30		1.3	2.5	5	ug/L
120-12-7	Anthracene	33		1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	31		0.75	2.5	5	ug/L
86-74-8	Carbazole	34		2	5	10	ug/L
84-74-2	Di-n-butylphthalate	34		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	32		1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	SLCS351	SDG No.:	BN091324
Lab Sample ID:	PB163351BS	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
BN033891.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	32		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	33		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	31		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	33		1.5	2.5	5	ug/L
218-01-9	Chrysene	33		1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	34		1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	34		1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	34		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	32		2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	34		1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	34		2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	34		1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	27		1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.477		15-120		93	SPK: -8
7291-22-7	Pyridine-d5	29.43		20-120		74	SPK: -40
4165-62-2	Phenol-d5	30.11		10-130		75	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.387		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.447		20-130		79	SPK: -40
190780-66-6	4-Methylphenol-d8	29.03		25-125		73	SPK: -40
4165-60-0	Nitrobenzene-d5	33.24		20-125		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.489		20-130		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.024		20-120		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.587		1-146		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.319		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	32.522		10-130		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.995		10-150		80	SPK: -40
81103-79-9	Fluorene-d10	32.883		25-125		82	SPK: -40

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	SLCS351	SDG No.:	BN091324
Lab Sample ID:	PB163351BS	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
BN033891.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.255		10-130		81	SPK: -40
1719-06-8	Anthracene-d10	32.654		25-130		82	SPK: -40
1718-52-1	Pyrene-d10	32.65		15-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.146		20-130		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	122723	7.493				
1146-65-2	Naphthalene-d8	499045	10.252				
15067-26-2	Acenaphthene-d10	324189	14.134				
1517-22-2	Phenanthrene-d10	705344	16.892				
1719-03-5	Chrysene-d12	734844	21.133				
1520-96-3	Perylene-d12	886073	23.91				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	C0AN6	SDG No.:	BN091324
Lab Sample ID:	P3922-12	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
BN033892.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163351

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

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	C0AN6	SDG No.:	BN091324
Lab Sample ID:	P3922-12	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
BN033892.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163351

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

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	C0AN6	SDG No.:	BN091324
Lab Sample ID:	P3922-12	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
BN033892.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.31		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	4.288	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	8.674		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.011		25-120		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.575		20-130		56	SPK: -40
190780-66-6	4-Methylphenol-d8	16.169		25-125		40	SPK: -40
4165-60-0	Nitrobenzene-d5	23.091		20-125		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.605		20-130		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.118		20-120		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.348		1-146		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.112		25-130		63	SPK: -40
93951-97-4	Acenaphthylene-d8	23.833		10-130		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.383		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	24.581		25-125		61	SPK: -40

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	C0AN6	SDG No.:	BN091324
Lab Sample ID:	P3922-12	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
BN033892.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.786		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	25.225		25-130		63	SPK: -40
1718-52-1	Pyrene-d10	24.848		15-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.738		20-130		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	173818	7.493				
1146-65-2	Naphthalene-d8	697046	10.252				
15067-26-2	Acenaphthene-d10	416345	14.134				
1517-22-2	Phenanthrene-d10	868002	16.892				
1719-03-5	Chrysene-d12	909602	21.127				
1520-96-3	Perylene-d12	1091539	23.904				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	6.7	J			15.51	
000057-10-3	n-Hexadecanoic acid	4.2	J			17.816	
015594-90-8	1-Heneicosanol	2.5	J			20.851	
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AR3	SDG No.:	BN091324
Lab Sample ID:	P3922-16	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033893.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163351

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	20		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	31		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	6.5		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	25		1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.97	U	0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AR3	SDG No.:	BN091324
Lab Sample ID:	P3922-16	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033893.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163351

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	14		1.5	2.5	5	ug/L
86-73-7	Fluorene	2	U	2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.6	U	0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.7	U	1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.7	U	1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	2.7	U	2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.5	5	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5	10	ug/L
85-01-8	Phenanthrene	1.8	U	1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.5	5	ug/L
120-12-7	Anthracene	1.7	U	1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.75	U	0.75	2.5	5	ug/L
86-74-8	Carbazole	2	U	2	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AR3	SDG No.:	BN091324
Lab Sample ID:	P3922-16	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033893.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163351

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	5.384		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	9.627		20-120		24	SPK: -40
4165-62-2	Phenol-d5	10.213		10-130		26	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.718		25-120		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.858		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	20.58		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	30.251		20-125		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.321		20-130		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.046		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.473		1-146		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.268		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	30.869		10-130		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.412		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	31.109		25-125		78	SPK: -40

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AR3	SDG No.:	BN091324
Lab Sample ID:	P3922-16	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033893.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.489		10-130		76	SPK: -40
1719-06-8	Anthracene-d10	34.637		25-130		87	SPK: -40
1718-52-1	Pyrene-d10	33.713		15-130		84	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.01		20-130		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	154792	7.493				
1146-65-2	Naphthalene-d8	628675	10.252				
15067-26-2	Acenaphthene-d10	398486	14.134				
1517-22-2	Phenanthrene-d10	822729	16.892				
1719-03-5	Chrysene-d12	842281	21.127				
1520-96-3	Perylene-d12	969967	23.904				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Cyclic3.352	3	J			3.352	
000108-88-3	Toluene	1100	J			3.811	
000100-41-4	Ethylbenzene	190	J			5.069	
000095-47-6	o-Xylene	600	J			5.199	
000108-38-3	Benzene, 1,3-dimethyl-	280	J			5.552	
000098-82-8	Benzene, (1-methylethyl)-	32	J			6.016	
000103-65-1	Benzene, propyl-	47	J			6.493	
000620-14-4	Benzene, 1-ethyl-3-methyl-	47	J			6.605	
000526-73-8	Benzene, 1,2,3-trimethyl-	22	J			6.734	
000611-14-3	Benzene, 1-ethyl-2-methyl-	24	J			6.893	
019549-80-5	2-Heptanone, 4,6-dimethyl-	5	J			6.94	
000108-67-8	Mesitylene	98	J			7.152	
000095-63-6	Benzene, 1,2,4-trimethyl-	29	J			7.605	
000873-49-4	Benzene, cyclopropyl-	26	J			7.858	
002568-91-4	Propane, 1,1-[methylenebis(oxy)]b	7.2	J			8.046	
000135-01-3	Benzene, 1,2-diethyl-	9.5	J			8.128	
000576-26-1	Phenol, 2,6-dimethyl-	11	J			8.899	

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AR3	SDG No.:	BN091324
Lab Sample ID:	P3922-16	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033893.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	8.9	J			9.105	
000527-84-4	o-Cymene	6.1	J			9.163	
000824-90-8	1-Phenyl-1-butene	17	J			9.663	
000122-00-9	Ethanone, 1-(4-methylphenyl)-	4.4	J			9.969	
000118-90-1	Benzoic acid, 2-methyl-	12	J			10.787	
000083-33-0	1H-Inden-1-one, 2,3-dihydro-	7.4	J			11.64	
035587-60-1	1-Methylindan-2-one	7	J			12.152	
000610-72-0	Benzoic acid, 2,5-dimethyl-	20	J			12.234	
000632-46-2	Benzoic acid, 2,6-dimethyl-	17	J			12.316	
000480-63-7	Benzoic acid, 2,4,6-trimethyl-	7.6	J			13.163	
	unknown-01	6.9	J			13.281	
006331-04-0	Acetic acid, (2,4-xylyl)-	13	J			13.387	
000098-73-7	Benzoic acid, p-tert-butyl-	7.8	J			13.975	
000126-73-8	Tributyl phosphate	8.4	J			15.398	
E966796	Total Alkanes	3				99	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AR5	SDG No.:	BN091324
Lab Sample ID:	P3922-17	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033894.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.51	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5.1	10	ug/L
110-86-1	Pyridine	0.86	U	0.86	10.1	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5.1	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5.1	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5.1	ug/L
67-72-1	Hexachloroethane	0.9	U	0.9	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5.1	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.73	U	0.73	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5.1	ug/L
91-20-3	Naphthalene	41		1.5	2.5	5.1	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	5.1	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.98	U	0.98	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AR5	SDG No.:	BN091324
Lab Sample ID:	P3922-17	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033894.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.9	U	1.9	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.6	U	1.6	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.8	U	1.8	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	0.87	U	0.87	5.1	10	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5.1	10	ug/L
132-64-9	Dibenzofuran	1.7	U	1.7	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	0.98	U	0.98	2.5	5.1	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5.1	ug/L
86-73-7	Fluorene	2	U	2	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	0.61	U	0.61	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.7	U	1.7	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.7	U	1.7	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	2.7	U	2.7	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.5	5.1	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5.1	10	ug/L
85-01-8	Phenanthrene	1.8	U	1.8	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.5	5.1	ug/L
120-12-7	Anthracene	1.7	U	1.7	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.76	U	0.76	2.5	5.1	ug/L
86-74-8	Carbazole	2	U	2	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5.1	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AR5	SDG No.:	BN091324
Lab Sample ID:	P3922-17	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 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
BN033894.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5.1	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.113		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	7.636	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	6.367		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.328		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.118		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	15.137		25-125		38	SPK: -40
4165-60-0	Nitrobenzene-d5	33.951		20-125		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.775		20-130		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.519		20-120		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.929		1-146		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.883		25-130		87	SPK: -40
93951-97-4	Acenaphthylene-d8	33.458		10-130		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.503		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	33.75		25-125		84	SPK: -40

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AR5	SDG No.:	BN091324
Lab Sample ID:	P3922-17	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033894.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.321		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	35.993		25-130		90	SPK: -40
1718-52-1	Pyrene-d10	35.396		15-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.707		20-130		94	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	163431	7.493				
1146-65-2	Naphthalene-d8	655221	10.252				
15067-26-2	Acenaphthene-d10	397725	14.134				
1517-22-2	Phenanthrene-d10	815305	16.886				
1719-03-5	Chrysene-d12	819327	21.127				
1520-96-3	Perylene-d12	962819	23.904				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Cyclic3.352	2.3	J			3.352	
000095-47-6	o-Xylene	17	J			5.193	
000098-82-8	Benzene, (1-methylethyl)-	6.3	J			6.016	
000103-65-1	Benzene, propyl-	5.8	J			6.493	
000108-67-8	Mesitylene	21	J			7.146	
000526-73-8	Benzene, 1,2,3-trimethyl-	8.5	J			7.605	
000496-11-7	Indane	10	J			7.858	
000141-93-5	Benzene, 1,3-diethyl-	5.6	J			7.981	
021195-59-5	p-Mentha-1,5,8-triene	6	J			8.134	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	9.1	J			8.44	
000527-84-4	o-Cymene	8.1	J			8.487	
002142-73-6	Ethanone, 1-(2,5-dimethylphenyl)-	2.5	J			8.822	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	3.4	J			8.916	
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	15	J			9.105	
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	17	J			9.163	
056253-64-6	Benzene, (2-methyl-1-butenyl)-	2.1	J			9.463	
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	5.2	J			9.516	

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AR5	SDG No.:	BN091324
Lab Sample ID:	P3922-17	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 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
BN033894.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000824-90-8	1-Phenyl-1-butene	33	J			9.663	
017496-14-9	1H-Inden-1-one, 2,3-dihydro-2-meth	2	J			11.993	
035587-60-1	1-Methylindan-2-one	6.1	J			12.151	
039627-61-7	7-Methylindan-1-one	2.4	J			12.575	
000528-90-5	Benzoic acid, 2,4,5-trimethyl-	7.1	J			13.375	
004476-28-2	4-Isopropylphenylacetic acid	4.4	J			13.969	
065898-38-6	Indane-5-carboxylic acid	4.7	J			14.64	
	unknown-01	3.3	J			15.71	
E966796	Total Alkanes	2.3				99	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AQ1	SDG No.:	BN091324
Lab Sample ID:	P3922-14	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033895.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.51	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5.1	10	ug/L
110-86-1	Pyridine	0.86	U	0.86	10.1	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5.1	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5.1	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5.1	ug/L
67-72-1	Hexachloroethane	0.9	U	0.9	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5.1	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.73	U	0.73	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5.1	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5.1	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	5.1	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.98	U	0.98	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AQ1	SDG No.:	BN091324
Lab Sample ID:	P3922-14	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033895.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.9	U	1.9	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.6	U	1.6	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.8	U	1.8	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	0.87	U	0.87	5.1	10	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5.1	10	ug/L
132-64-9	Dibenzofuran	1.7	U	1.7	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	0.98	U	0.98	2.5	5.1	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5.1	ug/L
86-73-7	Fluorene	2	U	2	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	0.61	U	0.61	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.7	U	1.7	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.7	U	1.7	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	2.7	U	2.7	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.5	5.1	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5.1	10	ug/L
85-01-8	Phenanthrene	1.8	U	1.8	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.5	5.1	ug/L
120-12-7	Anthracene	1.7	U	1.7	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.76	U	0.76	2.5	5.1	ug/L
86-74-8	Carbazole	2	U	2	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5.1	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AQ1	SDG No.:	BN091324
Lab Sample ID:	P3922-14	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033895.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5.1	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.653		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	1.844	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	8.44		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.936		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.094		20-130		63	SPK: -40
190780-66-6	4-Methylphenol-d8	17.252		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	26.368		20-125		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.036		20-130		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.48		20-120		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.079		1-146		5	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.881		25-130		70	SPK: -40
93951-97-4	Acenaphthylene-d8	26.415		10-130		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.247		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	27.091		25-125		68	SPK: -40

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AQ1	SDG No.:	BN091324
Lab Sample ID:	P3922-14	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 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
BN033895.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.249		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	29.804		25-130		75	SPK: -40
1718-52-1	Pyrene-d10	28.33		15-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.318		20-130		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	145802	7.493				
1146-65-2	Naphthalene-d8	584626	10.251				
15067-26-2	Acenaphthene-d10	339550	14.134				
1517-22-2	Phenanthrene-d10	696226	16.892				
1719-03-5	Chrysene-d12	737573	21.127				
1520-96-3	Perylene-d12	892055	23.904				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-16-9	Benzothiazole	2.1	J			10.898	
000134-62-3	Diethyltoluamide	2.7	J			14.904	
000119-61-9	Benzophenone	4.8	J			15.51	
000057-10-3	n-Hexadecanoic acid	3.5	J			17.822	
	(DEL) Alkane: Straight-Chain20.851	2.1	J			20.851	
E966796	Total Alkanes	2.1				99	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AQ9	SDG No.:	BN091324
Lab Sample ID:	P3922-15	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033896.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163351

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

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AQ9	SDG No.:	BN091324
Lab Sample ID:	P3922-15	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033896.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163351

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

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AQ9	SDG No.:	BN091324
Lab Sample ID:	P3922-15	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033896.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.6	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.6	5.1	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.6	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.741		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	2.994	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	6.995		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.628		25-120		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.776		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	15.894		25-125		40	SPK: -40
4165-60-0	Nitrobenzene-d5	29.971		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.989		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.092		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.665		1-146		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.049		25-130		73	SPK: -40
93951-97-4	Acenaphthylene-d8	28.656		10-130		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.97		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	28.679		25-125		72	SPK: -40

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AQ9	SDG No.:	BN091324
Lab Sample ID:	P3922-15	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033896.D	1	9/12/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.185		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	31.592		25-130		79	SPK: -40
1718-52-1	Pyrene-d10	31.557		15-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.928		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	158795	7.493				
1146-65-2	Naphthalene-d8	618593	10.251				
15067-26-2	Acenaphthene-d10	366894	14.134				
1517-22-2	Phenanthrene-d10	737857	16.892				
1719-03-5	Chrysene-d12	746526	21.127				
1520-96-3	Perylene-d12	915449	23.904				
TENTATIVE IDENTIFIED COMPOUNDS							
000462-95-3	Methane, diethoxy-	2.6	J			10.822	
000106-62-7	1-Propanol, 2-(2-hydroxypropoxy)-	3.3	J			10.881	
000770-35-4	1-Phenoxypropan-2-ol	210	J			11.016	
1000356-27-6	Terephthalic acid, 3-methylbut-2-y	4.6	J			22.198	
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SBLK308	SDG No.:	BN091324
Lab Sample ID:	PB163308BL	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
BN033898.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

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

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SBLK308	SDG No.:	BN091324
Lab Sample ID:	PB163308BL	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
BN033898.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

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

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SBLK308	SDG No.:	BN091324
Lab Sample ID:	PB163308BL	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
BN033898.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	46	U	46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	43	U	43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	46	U	46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43	U	43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	U	52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.114		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	21.391		20-120		53	SPK: -40
4165-62-2	Phenol-d5	21.469		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.172		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.62		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	20.416		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	23.843		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.841		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.002		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.875		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.489		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	23.233		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.3		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	23.049		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SBLK308	SDG No.:	BN091324
Lab Sample ID:	PB163308BL	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
BN033898.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.807		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	24.137		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	23.24		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.436		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	203229	7.493				
1146-65-2	Naphthalene-d8	795312	10.251				
15067-26-2	Acenaphthene-d10	456968	14.134				
1517-22-2	Phenanthrene-d10	935002	16.886				
1719-03-5	Chrysene-d12	973715	21.127				
1520-96-3	Perylene-d12	1150763	23.904				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC06	SDG No.:	BN091324
Lab Sample ID:	P3898-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033899.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.9	80	ug/Kg
100-52-7	Benzaldehyde	58	U	58	99	400	ug/Kg
110-86-1	Pyridine	14	U	14	200	400	ug/Kg
108-95-2	Phenol	54	U	54	99	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	99	400	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	51	200	ug/Kg
95-48-7	2-Methylphenol	47	U	47	99	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	99	400	ug/Kg
98-86-2	Acetophenone	71	U	71	99	400	ug/Kg
106-44-5	4-Methylphenol	49	U	49	99	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	51	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	51	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	51	200	ug/Kg
78-59-1	Isophorone	43	U	43	51	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	51	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	51	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	51	200	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	51	200	ug/Kg
91-20-3	Naphthalene	40	U	40	51	200	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	51	400	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	51	200	ug/Kg
105-60-2	Caprolactam	48	U	48	99	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	51	200	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	51	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	51	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	99	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	51	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	59	51	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC06	SDG No.:	BN091324
Lab Sample ID:	P3898-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033899.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	51	200	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	51	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	51	200	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	51	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	51	200	ug/Kg
208-96-8	Acenaphthylene	55	U	55	51	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	99	400	ug/Kg
83-32-9	Acenaphthene	60	U	60	51	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	99	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	99	400	ug/Kg
132-64-9	Dibenzofuran	48	U	48	51	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	51	200	ug/Kg
84-66-2	Diethylphthalate	49	U	49	51	200	ug/Kg
86-73-7	Fluorene	70	U	70	51	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	51	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	99	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	99	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	51	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	51	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	51	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51	200	ug/Kg
1912-24-9	Atrazine	13	U	13	99	400	ug/Kg
87-86-5	Pentachlorophenol	490		46	99	400	ug/Kg
85-01-8	Phenanthrene	64	U	64	51	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	51	200	ug/Kg
120-12-7	Anthracene	56	U	56	51	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.7	U	6.7	51	200	ug/Kg
86-74-8	Carbazole	73	U	73	99	400	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	51	200	ug/Kg
206-44-0	Fluoranthene	54	U	54	99	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC06	SDG No.:	BN091324
Lab Sample ID:	P3898-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033899.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	51	200	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	51	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	99	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51	200	ug/Kg
218-01-9	Chrysene	55	U	55	51	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	51	200	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	99	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	58	U	58	51	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	70	U	70	51	200	ug/Kg
50-32-8	Benzo(a)pyrene	68	U	68	51	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54	U	54	51	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	62	U	62	51	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55	U	55	51	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	62	U	62	51	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.813		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	11.416		20-120		29	SPK: -40
4165-62-2	Phenol-d5	18.135		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.395		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.839		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	17.258		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	19.035		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.017		10-120		48	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.337		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.474		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.936		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	20.267		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.41		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	20.706		20-140		52	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC06	SDG No.:	BN091324
Lab Sample ID:	P3898-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033899.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.077		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	21.623		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	20.316		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.976		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	149229	7.493				
1146-65-2	Naphthalene-d8	597822	10.252				
15067-26-2	Acenaphthene-d10	350315	14.134				
1517-22-2	Phenanthrene-d10	729256	16.887				
1719-03-5	Chrysene-d12	811809	21.128				
1520-96-3	Perylene-d12	988143	23.904				
TENTATIVE IDENTIFIED COMPOUNDS							
000107-41-5	Hexylene glycol	84	J			5.858	
000119-61-9	Benzophenone	510	J			15.51	
000057-10-3	n-Hexadecanoic acid	240	J			17.816	
	(DEL) Alkane: Straight-Chain	20.851	J			20.851	
E966796	Total Alkanes	130				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC15	SDG No.:	BN091324
Lab Sample ID:	P3898-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.1
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
BN033900.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.2	82	ug/Kg
100-52-7	Benzaldehyde	59	U	59	100	410	ug/Kg
110-86-1	Pyridine	15	U	15	200	410	ug/Kg
108-95-2	Phenol	56	U	56	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	410	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	52.5	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	100	410	ug/Kg
98-86-2	Acetophenone	73	U	73	100	410	ug/Kg
106-44-5	4-Methylphenol	51	U	51	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	46	U	46	52.5	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	52.5	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	52.5	210	ug/Kg
78-59-1	Isophorone	44	U	44	52.5	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	52.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	52.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	52.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	52.5	210	ug/Kg
91-20-3	Naphthalene	41	U	41	52.5	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	52.5	410	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	52.5	210	ug/Kg
105-60-2	Caprolactam	49	U	49	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	52.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	52.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	52.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	52.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	61	U	61	52.5	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC15	SDG No.:	BN091324
Lab Sample ID:	P3898-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.1
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
BN033900.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	52.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	52.5	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.5	210	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	52.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	52.5	210	ug/Kg
208-96-8	Acenaphthylene	57	U	57	52.5	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	410	ug/Kg
83-32-9	Acenaphthene	62	U	62	52.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	40	U	40	100	410	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	410	ug/Kg
132-64-9	Dibenzofuran	49	U	49	52.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	52.5	210	ug/Kg
84-66-2	Diethylphthalate	51	U	51	52.5	210	ug/Kg
86-73-7	Fluorene	72	U	72	52.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	52.5	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	56	U	56	52.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	52.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	52.5	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	52.5	210	ug/Kg
1912-24-9	Atrazine	14	U	14	100	410	ug/Kg
87-86-5	Pentachlorophenol	79	J	47	100	410	ug/Kg
85-01-8	Phenanthrene	66	U	66	52.5	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	52.5	210	ug/Kg
120-12-7	Anthracene	58	U	58	52.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.9	U	6.9	52.5	210	ug/Kg
86-74-8	Carbazole	75	U	75	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	52.5	210	ug/Kg
206-44-0	Fluoranthene	56	U	56	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC15	SDG No.:	BN091324
Lab Sample ID:	P3898-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.1
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
BN033900.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	57	U	57	52.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	53	U	53	52.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	48	U	48	52.5	210	ug/Kg
218-01-9	Chrysene	57	U	57	52.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	52.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	59	U	59	52.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	72	U	72	52.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	70	U	70	52.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	56	U	56	52.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	64	U	64	52.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57	U	57	52.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	64	U	64	52.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.043		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	12.509		20-120		31	SPK: -40
4165-62-2	Phenol-d5	14.088		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.223		10-150		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.615		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	13.368		10-140		33	SPK: -40
4165-60-0	Nitrobenzene-d5	14.638		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.048		10-120		35	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.011		10-140		35	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.674		1-145		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.499		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	15.291		15-120		38	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.679		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	15.437		20-140		39	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC15	SDG No.:	BN091324
Lab Sample ID:	P3898-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.1
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
BN033900.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.421		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	16.126		10-150		40	SPK: -40
1718-52-1	Pyrene-d10	15.374		10-130		38	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.119		10-140		40	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	174917	7.493				
1146-65-2	Naphthalene-d8	689748	10.251				
15067-26-2	Acenaphthene-d10	398763	14.134				
1517-22-2	Phenanthrene-d10	809623	16.892				
1719-03-5	Chrysene-d12	863696	21.127				
1520-96-3	Perylene-d12	1059012	23.898				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	360	J			15.51	
000057-10-3	n-Hexadecanoic acid	160	J			17.816	
E966796	Total Alkanes	57	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC16	SDG No.:	BN091324
Lab Sample ID:	P3898-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39.4
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
BN033901.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	20	U	20	10.9	110	ug/Kg
100-52-7	Benzaldehyde	79	U	79	140	540	ug/Kg
110-86-1	Pyridine	20	U	20	270	540	ug/Kg
108-95-2	Phenol	74	U	74	140	540	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	58	U	58	140	540	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	70.1	280	ug/Kg
95-48-7	2-Methylphenol	64	U	64	140	540	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	140	540	ug/Kg
98-86-2	Acetophenone	97	U	97	140	540	ug/Kg
106-44-5	4-Methylphenol	68	U	68	140	540	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	61	U	61	70.1	280	ug/Kg
67-72-1	Hexachloroethane	26	U	26	70.1	280	ug/Kg
98-95-3	Nitrobenzene	45	U	45	70.1	280	ug/Kg
78-59-1	Isophorone	59	U	59	70.1	280	ug/Kg
88-75-5	2-Nitrophenol	50	U	50	70.1	280	ug/Kg
105-67-9	2,4-Dimethylphenol	14	U	14	70.1	280	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	70.1	280	ug/Kg
120-83-2	2,4-Dichlorophenol	56	U	56	70.1	280	ug/Kg
91-20-3	Naphthalene	54	U	54	70.1	280	ug/Kg
106-47-8	4-Chloroaniline	73	U	73	70.1	540	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	70.1	280	ug/Kg
105-60-2	Caprolactam	66	U	66	140	540	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	59	70.1	280	ug/Kg
90-12-0	1-Methylnaphthalene	31	U	31	70.1	280	ug/Kg
91-57-6	2-Methylnaphthalene	61	U	61	70.1	280	ug/Kg
77-47-4	Hexachlorocyclopentadiene	31	U	31	140	540	ug/Kg
88-06-2	2,4,6-Trichlorophenol	83	U	83	70.1	280	ug/Kg
95-95-4	2,4,5-Trichlorophenol	81	U	81	70.1	280	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC16	SDG No.:	BN091324
Lab Sample ID:	P3898-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39.4
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
BN033901.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	76	U	76	70.1	280	ug/Kg
91-58-7	2-Chloronaphthalene	73	U	73	70.1	280	ug/Kg
88-74-4	2-Nitroaniline	36	U	36	70.1	280	ug/Kg
131-11-3	Dimethylphthalate	63	U	63	70.1	280	ug/Kg
606-20-2	2,6-Dinitrotoluene	43	U	43	70.1	280	ug/Kg
208-96-8	Acenaphthylene	76	U	76	70.1	280	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	140	540	ug/Kg
83-32-9	Acenaphthene	83	U	83	70.1	280	ug/Kg
51-28-5	2,4-Dinitrophenol	53	U	53	140	540	ug/Kg
100-02-7	4-Nitrophenol	18	U	18	140	540	ug/Kg
132-64-9	Dibenzofuran	66	U	66	70.1	280	ug/Kg
121-14-2	2,4-Dinitrotoluene	21	U	21	70.1	280	ug/Kg
84-66-2	Diethylphthalate	68	U	68	70.1	280	ug/Kg
86-73-7	Fluorene	96	U	96	70.1	280	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	79	U	79	70.1	280	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	140	540	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	64	U	64	140	540	ug/Kg
86-30-6	N-Nitrosodiphenylamine	74	U	74	70.1	280	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	74	U	74	70.1	280	ug/Kg
101-55-3	4-Bromophenyl-phenylether	160	U	160	70.1	280	ug/Kg
118-74-1	Hexachlorobenzene	83	U	83	70.1	280	ug/Kg
1912-24-9	Atrazine	18	U	18	140	540	ug/Kg
87-86-5	Pentachlorophenol	880		63	140	540	ug/Kg
85-01-8	Phenanthrene	87	U	87	70.1	280	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	70.1	280	ug/Kg
120-12-7	Anthracene	78	U	78	70.1	280	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	9.2	U	9.2	70.1	280	ug/Kg
86-74-8	Carbazole	100	U	100	140	540	ug/Kg
84-74-2	Di-n-butylphthalate	94	U	94	70.1	280	ug/Kg
206-44-0	Fluoranthene	74	U	74	140	280	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC16	SDG No.:	BN091324
Lab Sample ID:	P3898-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39.4
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
BN033901.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	76	U	76	70.1	280	ug/Kg
85-68-7	Butylbenzylphthalate	71	U	71	70.1	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	41	U	41	140	540	ug/Kg
56-55-3	Benzo(a)anthracene	64	U	64	70.1	280	ug/Kg
218-01-9	Chrysene	76	U	76	70.1	280	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	71	U	71	70.1	280	ug/Kg
117-84-0	Di-n-octyl phthalate	71	U	71	140	540	ug/Kg
205-99-2	Benzo(b)fluoranthene	79	U	79	70.1	280	ug/Kg
207-08-9	Benzo(k)fluoranthene	96	U	96	70.1	280	ug/Kg
50-32-8	Benzo(a)pyrene	94	U	94	70.1	280	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	74	U	74	70.1	280	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	86	U	86	70.1	280	ug/Kg
191-24-2	Benzo(g,h,i)perylene	76	U	76	70.1	280	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	91	J	86	70.1	280	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.989		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	12.497		20-120		31	SPK: -40
4165-62-2	Phenol-d5	13.689		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.07		10-150		35	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.404		15-120		36	SPK: -40
190780-66-6	4-Methylphenol-d8	13.237		10-140		33	SPK: -40
4165-60-0	Nitrobenzene-d5	14.396		10-135		36	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.848		10-120		35	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.35		10-140		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.329		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.669		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	15.511		15-120		39	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.313		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	16.272		20-140		41	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC16	SDG No.:	BN091324
Lab Sample ID:	P3898-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39.4
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
BN033901.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.85		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	17.606		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	16.721		10-130		42	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.916		10-140		45	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	171365	7.493				
1146-65-2	Naphthalene-d8	664569	10.252				
15067-26-2	Acenaphthene-d10	393816	14.134				
1517-22-2	Phenanthrene-d10	822197	16.887				
1719-03-5	Chrysene-d12	894023	21.128				
1520-96-3	Perylene-d12	1090478	23.904				
TENTATIVE IDENTIFIED COMPOUNDS							
000099-87-6	p-Cymene	1200	J			7.628	
005989-27-5	D-Limonene	220	J			7.716	
000119-61-9	Benzophenone	350	J			15.51	
000057-10-3	n-Hexadecanoic acid	200	J			17.816	
000661-19-8	Behenic alcohol	130	J			20.851	
E966796	Total Alkanes	76	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC31	SDG No.:	BN091324
Lab Sample ID:	P3898-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.9
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
BN033902.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.1	82	ug/Kg
100-52-7	Benzaldehyde	59	U	59	100	410	ug/Kg
110-86-1	Pyridine	15	U	15	200	410	ug/Kg
108-95-2	Phenol	55	U	55	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	410	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	52.2	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	100	410	ug/Kg
98-86-2	Acetophenone	73	U	73	100	410	ug/Kg
106-44-5	4-Methylphenol	50	U	50	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	52.2	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	52.2	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	52.2	210	ug/Kg
78-59-1	Isophorone	44	U	44	52.2	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	52.2	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	52.2	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	52.2	210	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	52.2	210	ug/Kg
91-20-3	Naphthalene	41	U	41	52.2	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	52.2	410	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	52.2	210	ug/Kg
105-60-2	Caprolactam	49	U	49	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	52.2	210	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	52.2	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	52.2	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	52.2	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60	U	60	52.2	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC31	SDG No.:	BN091324
Lab Sample ID:	P3898-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033902.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	52.2	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	52.2	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.2	210	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	52.2	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	52.2	210	ug/Kg
208-96-8	Acenaphthylene	57	U	57	52.2	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	410	ug/Kg
83-32-9	Acenaphthene	61	U	61	52.2	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	100	410	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	410	ug/Kg
132-64-9	Dibenzofuran	49	U	49	52.2	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	52.2	210	ug/Kg
84-66-2	Diethylphthalate	50	U	50	52.2	210	ug/Kg
86-73-7	Fluorene	71	U	71	52.2	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	52.2	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	52.2	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	52.2	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	52.2	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	52.2	210	ug/Kg
1912-24-9	Atrazine	14	U	14	100	410	ug/Kg
87-86-5	Pentachlorophenol	1600		47	100	410	ug/Kg
85-01-8	Phenanthrene	65	U	65	52.2	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	52.2	210	ug/Kg
120-12-7	Anthracene	58	U	58	52.2	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.9	U	6.9	52.2	210	ug/Kg
86-74-8	Carbazole	75	U	75	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	52.2	210	ug/Kg
206-44-0	Fluoranthene	55	U	55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC31	SDG No.:	BN091324
Lab Sample ID:	P3898-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.9
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
BN033902.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	57	U	57	52.2	210	ug/Kg
85-68-7	Butylbenzylphthalate	53	U	53	52.2	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	48	U	48	52.2	210	ug/Kg
218-01-9	Chrysene	57	U	57	52.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	52.2	210	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	59	U	59	52.2	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	71	U	71	52.2	210	ug/Kg
50-32-8	Benzo(a)pyrene	70	U	70	52.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	55	U	55	52.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	64	U	64	52.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57	U	57	52.2	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	170	J	64	52.2	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.422		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	15.405		20-120		39	SPK: -40
4165-62-2	Phenol-d5	17.021		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.279		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.478		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	17.178		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	18.741		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.878		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.552		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.284		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.788		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	20.741		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.575		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	21.058		20-140		53	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC31	SDG No.:	BN091324
Lab Sample ID:	P3898-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033902.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.713		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	21.55		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	21.18		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.39		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	185135	7.493				
1146-65-2	Naphthalene-d8	720244	10.251				
15067-26-2	Acenaphthene-d10	438698	14.134				
1517-22-2	Phenanthrene-d10	954072	16.892				
1719-03-5	Chrysene-d12	1053071	21.127				
1520-96-3	Perylene-d12	1243452	23.898				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain7.134	280	J			7.134	
	(DEL) Alkane: Straight-Chain8.722	280	J			8.722	
	(DEL) Alkane: Straight-Chain11.704	98	J			11.704	
	(DEL) Alkane: Straight-Chain12.981	110	J			12.981	
1000309-19-3	Sulfurous acid, decyl 2-ethylhexyl	210	J			14.069	
065539-79-9	3,4-Dimethyl(1H)pyrrole, 2-[(3,4-d	96	J			14.91	
	(DEL) Alkane: Straight-Chain15.028	120	J			15.028	
000119-61-9	Benzophenone	670	J			15.51	
	(DEL) Alkane: Straight-Chain15.892	97	J			15.892	
001940-18-7	Cyclohexanol, 1-ethyl-	130	J			16.075	
000057-10-3	n-Hexadecanoic acid	300	J			17.822	
	(DEL) Alkane: Straight-Chain20.851	210	J			20.851	
E966796	Total Alkanes	1200				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC57	SDG No.:	BN091324
Lab Sample ID:	P3898-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
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
BN033903.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.8	79	ug/Kg
100-52-7	Benzaldehyde	57	U	57	97.9	390	ug/Kg
110-86-1	Pyridine	14	U	14	200	390	ug/Kg
108-95-2	Phenol	53	U	53	97.9	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	97.9	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50.4	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97.9	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	97.9	390	ug/Kg
98-86-2	Acetophenone	70	U	70	97.9	390	ug/Kg
106-44-5	4-Methylphenol	49	U	49	97.9	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	50.4	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	50.4	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	50.4	200	ug/Kg
78-59-1	Isophorone	43	U	43	50.4	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	50.4	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	50.4	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	50.4	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	50.4	200	ug/Kg
91-20-3	Naphthalene	39	U	39	50.4	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	50.4	390	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	50.4	200	ug/Kg
105-60-2	Caprolactam	47	U	47	97.9	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	50.4	200	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	50.4	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.4	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	97.9	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	50.4	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	50.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC57	SDG No.:	BN091324
Lab Sample ID:	P3898-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
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
BN033903.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	50.4	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	50.4	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.4	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	50.4	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	50.4	200	ug/Kg
208-96-8	Acenaphthylene	55	U	55	50.4	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	97.9	390	ug/Kg
83-32-9	Acenaphthene	59	U	59	50.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	97.9	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	97.9	390	ug/Kg
132-64-9	Dibenzofuran	47	U	47	50.4	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	50.4	200	ug/Kg
84-66-2	Diethylphthalate	49	U	49	50.4	200	ug/Kg
86-73-7	Fluorene	69	U	69	50.4	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	50.4	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	97.9	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	97.9	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	50.4	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	50.4	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	50.4	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50.4	200	ug/Kg
1912-24-9	Atrazine	13	U	13	97.9	390	ug/Kg
87-86-5	Pentachlorophenol	19000	E	45	97.9	390	ug/Kg
85-01-8	Phenanthrene	63	U	63	50.4	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	50.4	200	ug/Kg
120-12-7	Anthracene	56	U	56	50.4	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.6	U	6.6	50.4	200	ug/Kg
86-74-8	Carbazole	72	U	72	97.9	390	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	50.4	200	ug/Kg
206-44-0	Fluoranthene	53	U	53	97.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC57	SDG No.:	BN091324
Lab Sample ID:	P3898-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
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
BN033903.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	50.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	51	U	51	50.4	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	97.9	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	50.4	200	ug/Kg
218-01-9	Chrysene	55	U	55	50.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	50.4	200	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	97.9	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	57	U	57	50.4	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	69	U	69	50.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	68	U	68	50.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	U	53	50.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	62	U	62	50.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55	U	55	50.4	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		62	50.4	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.808		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	13.356		20-120		33	SPK: -40
4165-62-2	Phenol-d5	14.048		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.384		10-150		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.887		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	13.631		10-140		34	SPK: -40
4165-60-0	Nitrobenzene-d5	15.485		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.605		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.184		10-140		38	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.554		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.336		10-145		41	SPK: -40
93951-97-4	Acenaphthylene-d8	16.422		15-120		41	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.456		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	17.166		20-140		43	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC57	SDG No.:	BN091324
Lab Sample ID:	P3898-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
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
BN033903.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.41		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	16.965		10-150		42	SPK: -40
1718-52-1	Pyrene-d10	17.18		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.357		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	182567	7.493				
1146-65-2	Naphthalene-d8	708229	10.251				
15067-26-2	Acenaphthene-d10	446922	14.134				
1517-22-2	Phenanthrene-d10	987438	16.892				
1719-03-5	Chrysene-d12	998345	21.127				
1520-96-3	Perylene-d12	1175207	23.898				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain7.134	120	J			7.134	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	240	J			7.916	
000933-48-2	Cyclohexanol, 3,3,5-trimethyl-, ci	160	J			8.116	
059387-92-7	2,7-Dimethyloctan-4-one	120	J			8.487	
	(DEL) Alkane: Straight-Chain8.716	170	J			8.716	
	unknown-01	120	J			11.687	
316382-07-7	(R)-3-Methyl-5-propylcyclohex-2-en	210	J			12.704	
	(DEL) Alkane: Straight-Chain12.981	140	J			12.981	
	(DEL) Alkane: Straight-Chain14.069	180	J			14.069	
000058-90-2	Phenol, 2,3,4,6-tetrachloro-	170	J			14.686	
	(DEL) Alkane: Straight-Chain15.028	200	J			15.028	
	(DEL) Alkane: Straight-Chain15.434	140	J			15.434	
000119-61-9	Benzophenone	440	J			15.51	
	(DEL) Alkane: Straight-Chain15.892	250	J			15.892	
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	96	J			16.075	
	(DEL) Alkane: Straight-Chain16.686	190	J			16.686	
	(DEL) Alkane: Straight-Chain16.739	140	J			16.739	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC57	SDG No.:	BN091324
Lab Sample ID:	P3898-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
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
BN033903.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000629-92-5	Nonadecane	200	J			17.427	
000057-10-3	n-Hexadecanoic acid	220	J			17.822	
	(DEL) Alkane: Straight-Chain18.122	190	J			18.122	
	(DEL) Alkane: Straight-Chain18.763	140	J			18.763	
	(DEL) Alkane: Straight-Chain19.351	79	J			19.351	
1000309-27-0	Oxalic acid, octadecyl propyl este	190	J			20.857	
E966796	Total Alkanes	1900				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC62	SDG No.:	BN091324
Lab Sample ID:	P3898-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033904.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8	81	ug/Kg
100-52-7	Benzaldehyde	58	U	58	99.9	400	ug/Kg
110-86-1	Pyridine	15	U	15	200	400	ug/Kg
108-95-2	Phenol	54	U	54	99.9	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	99.9	400	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	51.5	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	99.9	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	99.9	400	ug/Kg
98-86-2	Acetophenone	71	U	71	99.9	400	ug/Kg
106-44-5	4-Methylphenol	50	U	50	99.9	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	51.5	210	ug/Kg
67-72-1	Hexachloroethane	19	U	19	51.5	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	51.5	210	ug/Kg
78-59-1	Isophorone	44	U	44	51.5	210	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	51.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	51.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	51.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	51.5	210	ug/Kg
91-20-3	Naphthalene	40	U	40	51.5	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	51.5	400	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	51.5	210	ug/Kg
105-60-2	Caprolactam	48	U	48	99.9	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	51.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	51.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	99.9	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	51.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	59	51.5	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC62	SDG No.:	BN091324
Lab Sample ID:	P3898-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.7
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
BN033904.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	51.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	51.5	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.5	210	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	51.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	51.5	210	ug/Kg
208-96-8	Acenaphthylene	56	U	56	51.5	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	99.9	400	ug/Kg
83-32-9	Acenaphthene	61	U	61	51.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	99.9	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	99.9	400	ug/Kg
132-64-9	Dibenzofuran	48	U	48	51.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	51.5	210	ug/Kg
84-66-2	Diethylphthalate	50	U	50	51.5	210	ug/Kg
86-73-7	Fluorene	70	U	70	51.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	51.5	210	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	99.9	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	99.9	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	51.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	51.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	51.5	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	51.5	210	ug/Kg
1912-24-9	Atrazine	13	U	13	99.9	400	ug/Kg
87-86-5	Pentachlorophenol	5100		46	99.9	400	ug/Kg
85-01-8	Phenanthrene	64	U	64	51.5	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	51.5	210	ug/Kg
120-12-7	Anthracene	57	U	57	51.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.8	U	6.8	51.5	210	ug/Kg
86-74-8	Carbazole	74	U	74	99.9	400	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	51.5	210	ug/Kg
206-44-0	Fluoranthene	54	U	54	99.9	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC62	SDG No.:	BN091324
Lab Sample ID:	P3898-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.7
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
BN033904.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	51.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	51.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	99.9	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51.5	210	ug/Kg
218-01-9	Chrysene	56	U	56	51.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	51.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	99.9	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	58	U	58	51.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	70	U	70	51.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	69	U	69	51.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54	U	54	51.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63	U	63	51.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56	U	56	51.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	390		63	51.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.113		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	12.396		20-120		31	SPK: -40
4165-62-2	Phenol-d5	15.879		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.947		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.422		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	15.977		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	17.094		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.011		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.74		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.26		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.934		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	18.697		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.469		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	19.254		20-140		48	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC62	SDG No.:	BN091324
Lab Sample ID:	P3898-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.7
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
BN033904.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.529		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	20.69		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	19.304		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.93		10-140		52	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	165089	7.493				
1146-65-2	Naphthalene-d8	652275	10.251				
15067-26-2	Acenaphthene-d10	402096	14.134				
1517-22-2	Phenanthrene-d10	847970	16.892				
1719-03-5	Chrysene-d12	932644	21.121				
1520-96-3	Perylene-d12	1061916	23.904				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain7.134	220	J			7.134	
000104-76-7	1-Hexanol, 2-ethyl-	180	J			7.569	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	120	J			7.916	
	(DEL) Alkane: Straight-Chain8.722	240	J			8.722	
	(DEL) Alkane: Straight-Chain11.704	100	J			11.704	
	(DEL) Alkane: Straight-Chain12.981	130	J			12.981	
1000309-19-3	Sulfurous acid, decyl 2-ethylhexyl	240	J			14.069	
068141-13-9	6-tert-Butylquinoline	82	J			14.292	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	100	J			14.91	
	(DEL) Alkane: Straight-Chain15.028	140	J			15.028	
000119-61-9	Benzophenone	460	J			15.51	
	(DEL) Alkane: Straight-Chain15.892	130	J			15.892	
	(DEL) Alkane: Straight-Chain16.686	96	J			16.686	
	(DEL) Alkane: Straight-Chain17.422	89	J			17.422	
000057-10-3	n-Hexadecanoic acid	250	J			17.822	
	(DEL) Alkane: Cyclic20.851	160	J			20.851	
E966796	Total Alkanes	1300				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC62	SDG No.:	BN091324
Lab Sample ID:	P3898-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033904.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

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

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC77	SDG No.:	BN091324
Lab Sample ID:	P3898-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033905.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8	81	ug/Kg
100-52-7	Benzaldehyde	58	U	58	100	400	ug/Kg
110-86-1	Pyridine	15	U	15	200	400	ug/Kg
108-95-2	Phenol	55	U	55	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	100	400	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	51.6	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	100	400	ug/Kg
98-86-2	Acetophenone	72	U	72	100	400	ug/Kg
106-44-5	4-Methylphenol	50	U	50	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	51.6	210	ug/Kg
67-72-1	Hexachloroethane	19	U	19	51.6	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	51.6	210	ug/Kg
78-59-1	Isophorone	44	U	44	51.6	210	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	51.6	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	51.6	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	51.6	210	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	51.6	210	ug/Kg
91-20-3	Naphthalene	40	U	40	51.6	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	51.6	400	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	51.6	210	ug/Kg
105-60-2	Caprolactam	49	U	49	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	51.6	210	ug/Kg
90-12-0	1-Methylnaphthalene	140	J	23	51.6	210	ug/Kg
91-57-6	2-Methylnaphthalene	230		45	51.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	610		61	51.6	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	59	51.6	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC77	SDG No.:	BN091324
Lab Sample ID:	P3898-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
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
BN033905.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	51.6	210	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	51.6	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.6	210	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	51.6	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	51.6	210	ug/Kg
208-96-8	Acenaphthylene	56	U	56	51.6	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	400	ug/Kg
83-32-9	Acenaphthene	61	U	61	51.6	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	100	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	100	400	ug/Kg
132-64-9	Dibenzofuran	49	U	49	51.6	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	51.6	210	ug/Kg
84-66-2	Diethylphthalate	50	U	50	51.6	210	ug/Kg
86-73-7	Fluorene	70	U	70	51.6	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	51.6	210	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	51.6	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	51.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	51.6	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	51.6	210	ug/Kg
1912-24-9	Atrazine	13	U	13	100	400	ug/Kg
87-86-5	Pentachlorophenol	25000	E	46	100	400	ug/Kg
85-01-8	Phenanthrene	64	U	64	51.6	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	51.6	210	ug/Kg
120-12-7	Anthracene	57	U	57	51.6	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.8	U	6.8	51.6	210	ug/Kg
86-74-8	Carbazole	74	U	74	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	51.6	210	ug/Kg
206-44-0	Fluoranthene	55	U	55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC77	SDG No.:	BN091324
Lab Sample ID:	P3898-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
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
BN033905.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	51.6	210	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	51.6	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51.6	210	ug/Kg
218-01-9	Chrysene	56	U	56	51.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	51.6	210	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	58	U	58	51.6	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	70	U	70	51.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	69	U	69	51.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	55	U	55	51.6	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63	U	63	51.6	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56	U	56	51.6	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2400		63	51.6	210	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	14.228		20-120		36	SPK: -40
17647-74-4	1,4-Dioxane-d8	2.97		15-120		37	SPK: -8
4165-62-2	Phenol-d5	16.941		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.397		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.404		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	16.499		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	16.791		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.922		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.988		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.439		1-145		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.863		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	17.635		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.815		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	17.487		20-140		44	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC77	SDG No.:	BN091324
Lab Sample ID:	P3898-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
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
BN033905.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.086		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	17.604		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	17.692		10-130		44	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.62		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	187838	7.493				
1146-65-2	Naphthalene-d8	793658	10.251				
15067-26-2	Acenaphthene-d10	537816	14.134				
1517-22-2	Phenanthrene-d10	1158359	16.892				
1719-03-5	Chrysene-d12	1109212	21.121				
1520-96-3	Perylene-d12	1274208	23.904				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	360	A			4.687	
	(DEL) Alkane: Straight-Chain5.558	300	J			5.558	
	(DEL) Alkane: Straight-Chain6.516	260	J			6.516	
	(DEL) Alkane: Straight-Chain6.569	320	J			6.569	
019549-80-5	2-Heptanone, 4,6-dimethyl-	360	J			6.94	
	(DEL) Alkane: Straight-Chain7.134	1900	J			7.134	
1000139-90-3	1-Isobutoxy-2-ethylhexane	370	J			7.569	
	(DEL) Alkane: Straight-Chain7.763	420	J			7.763	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	300	J			7.922	
	unknown-01	500	J			7.975	
001074-55-1	Benzene, 1-methyl-4-propyl-	600	J			8.034	
	(DEL) Alkane: Straight-Chain8.093	440	J			8.093	
	(DEL) Alkane: Straight-Chain8.157	340	J			8.157	
	(DEL) Alkane: Straight-Chain8.263	440	J			8.263	
	unknown-02	970	J			8.487	
	(DEL) Alkane: Straight-Chain8.722	1600	J			8.722	
	unknown-03	510	J			8.834	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC77	SDG No.:	BN091324
Lab Sample ID:	P3898-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
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
BN033905.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
091965-65-0	1(2H)-Naphthalenone, octahydro-5-h	500	J			12.381	
	unknown-04	430	J			12.475	
024173-54-4	6-Azabicyclo[3.2.1]octane, 6-methy	870	J			12.704	
	(DEL) Alkane: Straight-Chain12.975	660	J			12.975	
	unknown-05	270	J			13.028	
000141-86-6	2,6-Pyridinediamine	1100	J			13.192	
	unknown-06	450	J			13.322	
000581-40-8	Naphthalene, 2,3-dimethyl-	290	J			13.451	
000500-00-5	Cyclohexene, 4-methyl-1-(1-methyle	340	J			13.498	
000575-41-7	Naphthalene, 1,3-dimethyl-	280	J			13.692	
1000456-65-5	1-(benzo[d][1,3]dioxol-4-yl)propan	950	J			13.887	
	(DEL) Alkane: Straight-Chain14.069	490	J			14.069	
	unknown-07	510	J			14.692	
	unknown-08	850	J			14.898	
	unknown-09	540	J			14.951	
	(DEL) Alkane: Straight-Chain15.028	460	J			15.028	
	unknown-10	260	J			15.086	
	unknown-11	530	J			15.428	
	unknown-12	650	J			15.528	
	unknown-13	370	J			15.563	
	(DEL) Alkane: Straight-Chain15.892	550	J			15.892	
	(DEL) Alkane: Straight-Chain16.686	360	J			16.686	
	(DEL) Alkane: Straight-Chain16.739	420	J			16.739	
002740-88-7	4-Fluorobenzyl isothiocyanate	340	J			16.81	
	unknown-14	230	J			17.069	
	unknown-15	620	J			17.222	
	(DEL) Alkane: Straight-Chain17.422	540	J			17.422	
000057-10-3	n-Hexadecanoic acid	590	J			17.822	
	(DEL) Alkane: Straight-Chain18.166	300	J			18.116	
1000383-14-2	Carbonic acid, 2-ethylhexyl pentad	740	J			20.857	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC77	SDG No.:	BN091324
Lab Sample ID:	P3898-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
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
BN033905.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
E966796	(DEL) Alkane: Straight-Chain	21.874	450	J		21.874	
	Total Alkanes	10000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC79	SDG No.:	BN091324
Lab Sample ID:	P3898-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.4
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
BN033906.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.2	83	ug/Kg
100-52-7	Benzaldehyde	60	U	60	100	410	ug/Kg
110-86-1	Pyridine	15	U	15	200	410	ug/Kg
108-95-2	Phenol	56	U	56	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	410	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	52.7	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	100	410	ug/Kg
98-86-2	Acetophenone	73	U	73	100	410	ug/Kg
106-44-5	4-Methylphenol	51	U	51	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	46	U	46	52.7	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	52.7	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	52.7	210	ug/Kg
78-59-1	Isophorone	45	U	45	52.7	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	52.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	52.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	52.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	52.7	210	ug/Kg
91-20-3	Naphthalene	41	U	41	52.7	210	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	52.7	410	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	52.7	210	ug/Kg
105-60-2	Caprolactam	50	U	50	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	52.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	52.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	52.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	24	U	24	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	52.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	61	U	61	52.7	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC79	SDG No.:	BN091324
Lab Sample ID:	P3898-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.4
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
BN033906.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	52.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	52.7	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.7	210	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	52.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	52.7	210	ug/Kg
208-96-8	Acenaphthylene	57	U	57	52.7	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	410	ug/Kg
83-32-9	Acenaphthene	62	U	62	52.7	210	ug/Kg
51-28-5	2,4-Dinitrophenol	40	U	40	100	410	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	410	ug/Kg
132-64-9	Dibenzofuran	50	U	50	52.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	52.7	210	ug/Kg
84-66-2	Diethylphthalate	51	U	51	52.7	210	ug/Kg
86-73-7	Fluorene	72	U	72	52.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	52.7	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	56	U	56	52.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	52.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	52.7	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	52.7	210	ug/Kg
1912-24-9	Atrazine	14	U	14	100	410	ug/Kg
87-86-5	Pentachlorophenol	47	U	47	100	410	ug/Kg
85-01-8	Phenanthrene	66	U	66	52.7	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	52.7	210	ug/Kg
120-12-7	Anthracene	58	U	58	52.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.9	U	6.9	52.7	210	ug/Kg
86-74-8	Carbazole	76	U	76	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	71	U	71	52.7	210	ug/Kg
206-44-0	Fluoranthene	56	U	56	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC79	SDG No.:	BN091324
Lab Sample ID:	P3898-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.4
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
BN033906.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	57	U	57	52.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	53	U	53	52.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	48	U	48	52.7	210	ug/Kg
218-01-9	Chrysene	57	U	57	52.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	52.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	60	U	60	52.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	72	U	72	52.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	71	U	71	52.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	56	U	56	52.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	65	U	65	52.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57	U	57	52.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	65	U	65	52.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.106		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	13.985		20-120		35	SPK: -40
4165-62-2	Phenol-d5	14.599		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.817		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.437		15-120		39	SPK: -40
190780-66-6	4-Methylphenol-d8	14.452		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	16.084		10-135		40	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.194		10-120		40	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.272		10-140		38	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.242		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.688		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	17.028		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.278		10-150		33	SPK: -40
81103-79-9	Fluorene-d10	17.37		20-140		43	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC79	SDG No.:	BN091324
Lab Sample ID:	P3898-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.4
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
BN033906.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.498		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	17.774		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	18.389		10-130		46	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.001		10-140		45	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	192672	7.487				
1146-65-2	Naphthalene-d8	763403	10.246				
15067-26-2	Acenaphthene-d10	460193	14.134				
1517-22-2	Phenanthrene-d10	977939	16.887				
1719-03-5	Chrysene-d12	977392	21.122				
1520-96-3	Perylene-d12	1165732	23.898				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	320	J			15.51	
000057-10-3	n-Hexadecanoic acid	170	J			17.816	
000506-51-4	n-Tetracosanol-1	130	J			20.845	
E966796	Total Alkanes	57	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC88	SDG No.:	BN091324
Lab Sample ID:	P3898-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.6
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
BN033907.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.4	85	ug/Kg
100-52-7	Benzaldehyde	61	U	61	110	420	ug/Kg
110-86-1	Pyridine	15	U	15	210	420	ug/Kg
108-95-2	Phenol	57	U	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	54.2	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	54.2	220	ug/Kg
67-72-1	Hexachloroethane	20	U	20	54.2	220	ug/Kg
98-95-3	Nitrobenzene	34	U	34	54.2	220	ug/Kg
78-59-1	Isophorone	69	J	46	54.2	220	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	54.2	220	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	54.2	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	40	U	40	54.2	220	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	54.2	220	ug/Kg
91-20-3	Naphthalene	42	U	42	54.2	220	ug/Kg
106-47-8	4-Chloroaniline	56	U	56	54.2	420	ug/Kg
87-68-3	Hexachlorobutadiene	33	U	33	54.2	220	ug/Kg
105-60-2	Caprolactam	51	U	51	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	54.2	220	ug/Kg
90-12-0	1-Methylnaphthalene	67	J	24	54.2	220	ug/Kg
91-57-6	2-Methylnaphthalene	100	J	47	54.2	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	24	U	24	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	320		64	54.2	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	63	U	63	54.2	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC88	SDG No.:	BN091324
Lab Sample ID:	P3898-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.6
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
BN033907.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	59	U	59	54.2	220	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	54.2	220	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	54.2	220	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	54.2	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	33	U	33	54.2	220	ug/Kg
208-96-8	Acenaphthylene	59	U	59	54.2	220	ug/Kg
99-09-2	3-Nitroaniline	18	U	18	110	420	ug/Kg
83-32-9	Acenaphthene	64	U	64	54.2	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	54.2	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	17	U	17	54.2	220	ug/Kg
84-66-2	Diethylphthalate	52	U	52	54.2	220	ug/Kg
86-73-7	Fluorene	74	U	74	54.2	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61	U	61	54.2	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	54.2	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57	U	57	54.2	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	54.2	220	ug/Kg
118-74-1	Hexachlorobenzene	64	U	64	54.2	220	ug/Kg
1912-24-9	Atrazine	14	U	14	110	420	ug/Kg
87-86-5	Pentachlorophenol	13000	E	48	110	420	ug/Kg
85-01-8	Phenanthrene	68	U	68	54.2	220	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	54.2	220	ug/Kg
120-12-7	Anthracene	60	U	60	54.2	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.1	U	7.1	54.2	220	ug/Kg
86-74-8	Carbazole	78	U	78	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	73	U	73	54.2	220	ug/Kg
206-44-0	Fluoranthene	57	U	57	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC88	SDG No.:	BN091324
Lab Sample ID:	P3898-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.6
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
BN033907.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	59	U	59	54.2	220	ug/Kg
85-68-7	Butylbenzylphthalate	55	U	55	54.2	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	32	U	32	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	50	U	50	54.2	220	ug/Kg
218-01-9	Chrysene	59	U	59	54.2	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	55	U	55	54.2	220	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	61	U	61	54.2	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	74	U	74	54.2	220	ug/Kg
50-32-8	Benzo(a)pyrene	73	U	73	54.2	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	57	U	57	54.2	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	66	U	66	54.2	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	59	U	59	54.2	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		66	54.2	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.352		15-120		29	SPK: -8
7291-22-7	Pyridine-d5	8.477		20-120		21	SPK: -40
4165-62-2	Phenol-d5	12.791		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.078		10-150		30	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.91		15-120		32	SPK: -40
190780-66-6	4-Methylphenol-d8	12.775		10-140		32	SPK: -40
4165-60-0	Nitrobenzene-d5	12.864		10-135		32	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.459		10-120		34	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.516		10-140		34	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.482		1-145		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.26		10-145		33	SPK: -40
93951-97-4	Acenaphthylene-d8	13.311		15-120		33	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.051		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	13.577		20-140		34	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC88	SDG No.:	BN091324
Lab Sample ID:	P3898-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.6
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
BN033907.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.718		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	13.817		10-150		35	SPK: -40
1718-52-1	Pyrene-d10	14.326		10-130		36	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.887		10-140		35	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	206483	7.493				
1146-65-2	Naphthalene-d8	851780	10.252				
15067-26-2	Acenaphthene-d10	582542	14.134				
1517-22-2	Phenanthrene-d10	1239103	16.892				
1719-03-5	Chrysene-d12	1198277	21.122				
1520-96-3	Perylene-d12	1372300	23.898				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	930	A			4.687	
000107-41-5	Hexylene glycol	280	J			5.858	
019549-80-5	2-Heptanone, 4,6-dimethyl-	330	J			6.94	
	(DEL) Alkane: Straight-Chain7.134	530	J			7.134	
	unknown-01	210	J			7.763	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	510	J			7.916	
	unknown-02	400	J			7.975	
001074-55-1	Benzene, 1-methyl-4-propyl-	320	J			8.028	
	(DEL) Alkane: Straight-Chain8.087	180	J			8.087	
	(DEL) Alkane: Straight-Chain8.263	210	J			8.263	
000093-53-8	Benzeneacetaldehyde, .alpha.-methy	210	J			8.287	
059387-92-7	2,7-Dimethyloctan-4-one	720	J			8.487	
	(DEL) Alkane: Straight-Chain8.722	600	J			8.722	
	unknown-03	300	J			8.834	
	(DEL) Alkane: Straight-Chain10.781	150	J			10.781	
	unknown-04	160	J			12.469	
	unknown-05	150	J			12.651	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC88	SDG No.:	BN091324
Lab Sample ID:	P3898-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.6
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
BN033907.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
058705-36-5	8-Oxabicyclo[3.2.1]oct-6-en-2-one,	510	J			12.704	
	unknown-06	160	J			12.763	
	(DEL) Alkane: Straight-Chain12.975	250	J			12.975	
004318-76-7	Pyridine, 2,5-diamino-	500	J			13.187	
000575-43-9	Naphthalene, 1,6-dimethyl-	150	J			13.293	
000141-86-6	2,6-Pyridinediamine	350	J			13.322	
000573-98-8	Naphthalene, 1,2-dimethyl-	210	J			13.451	
000571-61-9	Naphthalene, 1,5-dimethyl-	200	J			13.498	
028281-49-4	3,4-Methylenedioxypiofenone	310	J			13.887	
	(DEL) Alkane: Straight-Chain14.069	290	J			14.069	
	unknown-07	240	J			14.698	
	unknown-08	410	J			14.898	
	(DEL) Alkane: Straight-Chain15.028	270	J			15.028	
	unknown-09	340	J			15.428	
000119-61-9	Benzophenone	340	J			15.51	
	(DEL) Alkane: Straight-Chain15.892	290	J			15.892	
	unknown-10	140	J			15.975	
000319-84-6	.alpha.-Lindane	110	J			16.645	
	(DEL) Alkane: Straight-Chain16.686	250	J			16.686	
	(DEL) Alkane: Straight-Chain16.739	130	J			16.739	
005356-71-8	Pyrazole, 5-amino-1,3-diphenyl-	110	J			17.104	
	(DEL) Alkane: Straight-Chain17.422	250	J			17.422	
000057-10-3	n-Hexadecanoic acid	440	J			17.822	
	(DEL) Alkane: Straight-Chain18.116	180	J			18.116	
	(DEL) Alkane: Straight-Chain18.763	130	J			18.763	
000057-11-4	Octadecanoic acid	110	J			19.11	
	(DEL) Alkane: Straight-Chain19.886	88	J			19.886	
	(DEL) Alkane: Straight-Chain20.386	89	J			20.386	
1000383-11-5	Carbonic acid, octadecyl prop-1-en	420	J			20.857	
	(DEL) Alkane: Straight-Chain21.345	95	J			21.345	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC88	SDG No.:	BN091324
Lab Sample ID:	P3898-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.6
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
BN033907.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain	21.880				21.88	
E966796	Total Alkanes	4100	J			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC89	SDG No.:	BN091324
Lab Sample ID:	P3898-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033908.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8	80	ug/Kg
100-52-7	Benzaldehyde	58	U	58	99.4	400	ug/Kg
110-86-1	Pyridine	14	U	14	200	400	ug/Kg
108-95-2	Phenol	54	U	54	99.4	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	99.4	400	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	51.2	200	ug/Kg
95-48-7	2-Methylphenol	47	U	47	99.4	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	99.4	400	ug/Kg
98-86-2	Acetophenone	71	U	71	99.4	400	ug/Kg
106-44-5	4-Methylphenol	49	U	49	99.4	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	51.2	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	51.2	200	ug/Kg
98-95-3	Nitrobenzene	33	U	33	51.2	200	ug/Kg
78-59-1	Isophorone	70	J	43	51.2	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	51.2	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	51.2	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	51.2	200	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	51.2	200	ug/Kg
91-20-3	Naphthalene	40	U	40	51.2	200	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	51.2	400	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	51.2	200	ug/Kg
105-60-2	Caprolactam	48	U	48	99.4	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	51.2	200	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	51.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	49	J	45	51.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	99.4	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	64	J	60	51.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	59	51.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC89	SDG No.:	BN091324
Lab Sample ID:	P3898-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
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
BN033908.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	51.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	51.2	200	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.2	200	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	51.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	51.2	200	ug/Kg
208-96-8	Acenaphthylene	55	U	55	51.2	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	99.4	400	ug/Kg
83-32-9	Acenaphthene	60	U	60	51.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	99.4	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	99.4	400	ug/Kg
132-64-9	Dibenzofuran	48	U	48	51.2	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	51.2	200	ug/Kg
84-66-2	Diethylphthalate	49	U	49	51.2	200	ug/Kg
86-73-7	Fluorene	70	U	70	51.2	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	51.2	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	99.4	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	99.4	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	51.2	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	51.2	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	51.2	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51.2	200	ug/Kg
1912-24-9	Atrazine	13	U	13	99.4	400	ug/Kg
87-86-5	Pentachlorophenol	9100	E	46	99.4	400	ug/Kg
85-01-8	Phenanthrene	64	U	64	51.2	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	51.2	200	ug/Kg
120-12-7	Anthracene	57	U	57	51.2	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.7	U	6.7	51.2	200	ug/Kg
86-74-8	Carbazole	74	U	74	99.4	400	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	51.2	200	ug/Kg
206-44-0	Fluoranthene	54	U	54	99.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC89	SDG No.:	BN091324
Lab Sample ID:	P3898-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
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
BN033908.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	51.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	51.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	99.4	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51.2	200	ug/Kg
218-01-9	Chrysene	55	U	55	51.2	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	51.2	200	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	99.4	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	58	U	58	51.2	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	70	U	70	51.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	69	U	69	51.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54	U	54	51.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63	U	63	51.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55	U	55	51.2	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	630		63	51.2	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.004		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	9.561		20-120		24	SPK: -40
4165-62-2	Phenol-d5	17.288		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.628		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.593		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	17.1		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	18.118		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.149		10-120		48	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.307		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.418		1-145		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.353		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	19.377		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.302		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	19.538		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC89	SDG No.:	BN091324
Lab Sample ID:	P3898-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033908.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.538		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	19.753		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	20.009		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.429		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	197958	7.493				
1146-65-2	Naphthalene-d8	803785	10.252				
15067-26-2	Acenaphthene-d10	514000	14.134				
1517-22-2	Phenanthrene-d10	1111925	16.892				
1719-03-5	Chrysene-d12	1096431	21.128				
1520-96-3	Perylene-d12	1223015	23.904				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1300	A			4.687	
000107-41-5	Hexylene glycol	430	J			5.858	
019549-80-5	2-Heptanone, 4,6-dimethyl-	210	J			6.94	
	(DEL) Alkane: Straight-Chain7.134	460	J			7.134	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	740	J			7.916	
	unknown-01	200	J			7.975	
001074-43-7	Benzene, 1-methyl-3-propyl-	170	J			8.028	
	(DEL) Alkane: Straight-Chain8.087	98	J			8.087	
	(DEL) Alkane: Straight-Chain8.264	130	J			8.264	
	unknown-02	120	J			8.293	
	unknown-03	300	J			8.487	
	(DEL) Alkane: Straight-Chain8.716	510	J			8.716	
	unknown-04	110	J			8.828	
000110-78-1	Propane, 1-isocyanato-	81	J			9.775	
1000214-69-5	N-Formyl-d-threo-O-methylthreonine	120	J			11.805	
	unknown-05	110	J			12.122	
068480-29-5	cis-Hexenyl octyne carbonate	210	J			12.704	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC89	SDG No.:	BN091324
Lab Sample ID:	P3898-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033908.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain12.975	110	J			12.975	
000461-88-1	Pyridine-2,4-diamine	95	J			13.193	
	unknown-06	240	J			13.328	
000581-40-8	Naphthalene, 2,3-dimethyl-	88	J			13.451	
000575-43-9	Naphthalene, 1,6-dimethyl-	98	J			13.504	
000582-16-1	Naphthalene, 2,7-dimethyl-	91	J			13.693	
	(DEL) Alkane: Straight-Chain14.069	130	J			14.069	
	(DEL) Alkane: Straight-Chain14.693	82	J			14.693	
	(DEL) Alkane: Straight-Chain15.028	170	J			15.028	
	(DEL) Alkane: Straight-Chain15.428	110	J			15.428	
000119-61-9	Benzophenone	480	J			15.51	
	(DEL) Alkane: Straight-Chain15.893	160	J			15.893	
	(DEL) Alkane: Straight-Chain16.687	130	J			16.687	
	(DEL) Alkane: Straight-Chain17.428	150	J			17.428	
000112-39-0	Hexadecanoic acid, methyl ester	160	J			17.598	
000057-10-3	n-Hexadecanoic acid	420	J			17.822	
	(DEL) Alkane: Straight-Chain18.122	130	J			18.122	
	(DEL) Alkane: Straight-Chain18.763	120	J			18.763	
056554-47-3	13-Octadecenoic acid, methyl ester	130	J			18.781	
000112-61-8	Methyl stearate	81	J			18.922	
000057-11-4	Octadecanoic acid	96	J			19.116	
1000383-14-3	Carbonic acid, 2-ethylhexyl hexade	380	J			20.857	
000112-80-1	Oleic Acid	100	J			21.763	
	unknown-07	290	J			21.875	
E966796	Total Alkanes	2500				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC91	SDG No.:	BN091324
Lab Sample ID:	P3898-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033909.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8	81	ug/Kg
100-52-7	Benzaldehyde	58	U	58	100	400	ug/Kg
110-86-1	Pyridine	15	U	15	200	400	ug/Kg
108-95-2	Phenol	55	U	55	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	400	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	51.7	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	100	400	ug/Kg
98-86-2	Acetophenone	72	U	72	100	400	ug/Kg
106-44-5	4-Methylphenol	50	U	50	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	51.7	210	ug/Kg
67-72-1	Hexachloroethane	19	U	19	51.7	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	51.7	210	ug/Kg
78-59-1	Isophorone	44	U	44	51.7	210	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	51.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	51.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	51.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	51.7	210	ug/Kg
91-20-3	Naphthalene	40	U	40	51.7	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	51.7	400	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	51.7	210	ug/Kg
105-60-2	Caprolactam	49	U	49	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	51.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	51.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	51.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60	U	60	51.7	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC91	SDG No.:	BN091324
Lab Sample ID:	P3898-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033909.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	51.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	51.7	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.7	210	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	51.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	51.7	210	ug/Kg
208-96-8	Acenaphthylene	56	U	56	51.7	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	400	ug/Kg
83-32-9	Acenaphthene	61	U	61	51.7	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	100	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	100	400	ug/Kg
132-64-9	Dibenzofuran	49	U	49	51.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	51.7	210	ug/Kg
84-66-2	Diethylphthalate	50	U	50	51.7	210	ug/Kg
86-73-7	Fluorene	71	U	71	51.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	51.7	210	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	51.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	51.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	51.7	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	51.7	210	ug/Kg
1912-24-9	Atrazine	13	U	13	100	400	ug/Kg
87-86-5	Pentachlorophenol	2700		46	100	400	ug/Kg
85-01-8	Phenanthrene	64	U	64	51.7	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	51.7	210	ug/Kg
120-12-7	Anthracene	57	U	57	51.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.8	U	6.8	51.7	210	ug/Kg
86-74-8	Carbazole	74	U	74	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	51.7	210	ug/Kg
206-44-0	Fluoranthene	55	U	55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC91	SDG No.:	BN091324
Lab Sample ID:	P3898-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033909.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	51.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	51.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51.7	210	ug/Kg
218-01-9	Chrysene	56	U	56	51.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	51.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	58	U	58	51.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	71	U	71	51.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	69	U	69	51.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	55	U	55	51.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63	U	63	51.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56	U	56	51.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	250		63	51.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.174		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	12.564		20-120		31	SPK: -40
4165-62-2	Phenol-d5	16.733		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.428		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.13		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	16.67		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	17.793		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.48		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.546		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.774		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.218		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	18.836		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.476		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	19.029		20-140		48	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC91	SDG No.:	BN091324
Lab Sample ID:	P3898-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033909.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.564		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	19.233		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	19.413		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.195		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	195007	7.487				
1146-65-2	Naphthalene-d8	794595	10.251				
15067-26-2	Acenaphthene-d10	499768	14.134				
1517-22-2	Phenanthrene-d10	1075592	16.892				
1719-03-5	Chrysene-d12	1104519	21.127				
1520-96-3	Perylene-d12	1232739	23.904				
TENTATIVE IDENTIFIED COMPOUNDS							
000107-41-5	Hexylene glycol	220	J			5.858	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	420	J			7.916	
000149-57-5	Hexanoic acid, 2-ethyl-	450	J			8.816	
000144-19-4	1,3-Pentanediol, 2,2,4-trimethyl-	130	J			9.775	
000123-18-2	4-Nonanone, 2,6,8-trimethyl-	92	J			12.122	
000119-61-9	Benzophenone	400	J			15.51	
000057-10-3	n-Hexadecanoic acid	260	J			17.822	
	(DEL) Alkane: Straight-Chain	20.851	J			20.851	
E966796	Total Alkanes	94				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SLCS308	SDG No.:	BN091324
Lab Sample ID:	PB163308BS	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
BN033910.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	340		12	6.6	67	ug/Kg
100-52-7	Benzaldehyde	750		48	82.5	330	ug/Kg
110-86-1	Pyridine	810		12	170	330	ug/Kg
108-95-2	Phenol	810		45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	820		35	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	870		22	42.5	170	ug/Kg
95-48-7	2-Methylphenol	790		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	810		29	82.5	330	ug/Kg
98-86-2	Acetophenone	770		59	82.5	330	ug/Kg
106-44-5	4-Methylphenol	770		41	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	780		37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	880		16	42.5	170	ug/Kg
98-95-3	Nitrobenzene	890		27	42.5	170	ug/Kg
78-59-1	Isophorone	850		36	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	900		30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	680		8.5	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	830		31	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	860		34	42.5	170	ug/Kg
91-20-3	Naphthalene	860		33	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	670		44	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	890		26	42.5	170	ug/Kg
105-60-2	Caprolactam	760		40	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	840		36	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	810		19	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	820		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	740		19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	760		50	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	810		49	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SLCS308	SDG No.:	BN091324
Lab Sample ID:	PB163308BS	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
BN033910.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	840		46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	860		44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	910		22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	850		38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	910		26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	900		46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	900		14	82.5	330	ug/Kg
83-32-9	Acenaphthene	840		50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	710		32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	890		11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	840		40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	910		13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	860		41	42.5	170	ug/Kg
86-73-7	Fluorene	860		58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	840		48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	990		16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	860		39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	860		45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	870		45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	880		99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	870		50	42.5	170	ug/Kg
1912-24-9	Atrazine	11	U	11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	560		38	82.5	330	ug/Kg
85-01-8	Phenanthrene	890		53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	810		36	42.5	170	ug/Kg
120-12-7	Anthracene	870		47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	870		5.6	42.5	170	ug/Kg
86-74-8	Carbazole	910		61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	880		57	42.5	170	ug/Kg
206-44-0	Fluoranthene	900		45	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SLCS308	SDG No.:	BN091324
Lab Sample ID:	PB163308BS	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
BN033910.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	870		46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	900		43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	890		25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	900		39	42.5	170	ug/Kg
218-01-9	Chrysene	870		46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	880		43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	930		43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	940		48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	920		58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	880		57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	910		45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	930		52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	940		46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	700		52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.396		15-120		80	SPK: -8
7291-22-7	Pyridine-d5	24.354		20-120		61	SPK: -40
4165-62-2	Phenol-d5	24.473		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.328		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.314		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	23.43		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	27.144		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.814		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.521		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.467		1-145		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.963		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	26.414		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.399		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	25.897		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SLCS308	SDG No.:	BN091324
Lab Sample ID:	PB163308BS	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
BN033910.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163308

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.613		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	26.074		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	26.564		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.614		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	187482	7.493				
1146-65-2	Naphthalene-d8	745159	10.252				
15067-26-2	Acenaphthene-d10	469964	14.134				
1517-22-2	Phenanthrene-d10	986834	16.892				
1719-03-5	Chrysene-d12	999104	21.127				
1520-96-3	Perylene-d12	1177451	23.904				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN091324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : DDC06								
P3898-01	DDC06	Solid	(DEL) Alkane: Straight-Chain20.8 *	130.000	J			
P3898-01	DDC06	Solid	Benzophenone	*	510.000	J		
P3898-01	DDC06	Solid	Hexylene glycol	*	84.000	J		
P3898-01	DDC06	Solid	n-Hexadecanoic acid	*	240.000	J		
P3898-01	DDC06	Solid	Total Alkanes	*	130.000	55	200	ug/Kg
			Total Tics :		1,094.00			
P3898-01	DDC06	Solid	Pentachlorophenol		490.000	46	400	ug/Kg
			Total Svoc :		490.00			
			Total Concentration:		1,584.00			
Client ID : DDC15								
P3898-04	DDC15	Solid	Benzophenone	*	360.000	J		
P3898-04	DDC15	Solid	n-Hexadecanoic acid	*	160.000	J		
P3898-04	DDC15	Solid	Total Alkanes	*	0.000	57	210	ug/Kg
			Total Tics :		520.00			
P3898-04	DDC15	Solid	Pentachlorophenol		79.000	J 47	410	ug/Kg
			Total Svoc :		79.00			
			Total Concentration:		599.00			
Client ID : DDC16								
P3898-05	DDC16	Solid	Behenic alcohol	*	130.000	J		
P3898-05	DDC16	Solid	Benzophenone	*	350.000	J		
P3898-05	DDC16	Solid	D-Limonene	*	220.000	J		
P3898-05	DDC16	Solid	n-Hexadecanoic acid	*	200.000	J		
P3898-05	DDC16	Solid	p-Cymene	*	1,200.000	J		
P3898-05	DDC16	Solid	Total Alkanes	*	0.000	76	280	ug/Kg
			Total Tics :		2,100.00			
P3898-05	DDC16	Solid	2,3,4,6-Tetrachlorophenol		91.000	J 86	280	ug/Kg
P3898-05	DDC16	Solid	Pentachlorophenol		880.000	63	540	ug/Kg
			Total Svoc :		971.00			
			Total Concentration:		3,071.00			
Client ID : DDC31								
P3898-06	DDC31	Solid	(DEL) Alkane: Straight-Chain11.7 *	98.000	J			
P3898-06	DDC31	Solid	(DEL) Alkane: Straight-Chain12.5 *	110.000	J			
P3898-06	DDC31	Solid	(DEL) Alkane: Straight-Chain15.0 *	120.000	J			
P3898-06	DDC31	Solid	(DEL) Alkane: Straight-Chain15.8 *	97.000	J			
P3898-06	DDC31	Solid	(DEL) Alkane: Straight-Chain20.8 *	210.000	J			
P3898-06	DDC31	Solid	(DEL) Alkane: Straight-Chain7.12 *	280.000	J			

Hit Summary Sheet SW-846

SDG No.: BN091324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3898-06	DDC31	Solid	(DEL) Alkane: Straight-Chain8.7	*	280.000	J		
P3898-06	DDC31	Solid	3,4-Dimethyl(1H)pyrrole, 2-[(3,4-	*	96.000	J		
P3898-06	DDC31	Solid	Benzophenone	*	670.000	J		
P3898-06	DDC31	Solid	Cyclohexanol, 1-ethyl-	*	130.000	J		
P3898-06	DDC31	Solid	n-Hexadecanoic acid	*	300.000	J		
P3898-06	DDC31	Solid	Sulfurous acid, decyl 2-ethylhexyl	*	210.000	J		
P3898-06	DDC31	Solid	Total Alkanes	*	1,200.000		57	210 ug/Kg
Total Tics :					3,801.00			
P3898-06	DDC31	Solid	2,3,4,6-Tetrachlorophenol		170.000	J	64	210 ug/Kg
P3898-06	DDC31	Solid	Pentachlorophenol		1,600.000		47	410 ug/Kg
Total Svoc :					1,770.00			
Total Concentration:					5,571.00			
Client ID : DDC57								
P3898-07	DDC57	Solid	(DEL) Alkane: Straight-Chain12.5	*	140.000	J		
P3898-07	DDC57	Solid	(DEL) Alkane: Straight-Chain14.0	*	180.000	J		
P3898-07	DDC57	Solid	(DEL) Alkane: Straight-Chain15.0	*	200.000	J		
P3898-07	DDC57	Solid	(DEL) Alkane: Straight-Chain15.4	*	140.000	J		
P3898-07	DDC57	Solid	(DEL) Alkane: Straight-Chain15.8	*	250.000	J		
P3898-07	DDC57	Solid	(DEL) Alkane: Straight-Chain16.0	*	190.000	J		
P3898-07	DDC57	Solid	(DEL) Alkane: Straight-Chain16.7	*	140.000	J		
P3898-07	DDC57	Solid	(DEL) Alkane: Straight-Chain18.1	*	190.000	J		
P3898-07	DDC57	Solid	(DEL) Alkane: Straight-Chain18.7	*	140.000	J		
P3898-07	DDC57	Solid	(DEL) Alkane: Straight-Chain19.2	*	79.000	J		
P3898-07	DDC57	Solid	(DEL) Alkane: Straight-Chain7.1	*	120.000	J		
P3898-07	DDC57	Solid	(DEL) Alkane: Straight-Chain8.7	*	170.000	J		
P3898-07	DDC57	Solid	(R)-3-Methyl-5-propylcyclohex-2	*	210.000	J		
P3898-07	DDC57	Solid	2,7-Dimethyloctan-4-one	*	120.000	J		
P3898-07	DDC57	Solid	Benzophenone	*	440.000	J		
P3898-07	DDC57	Solid	Cyclohexanol, 3,3,5-trimethyl-, ci	*	160.000	J		
P3898-07	DDC57	Solid	Cyclohexanone, 3,3,5-trimethyl-	*	240.000	J		
P3898-07	DDC57	Solid	Methanone, (1-hydroxycyclohexy	*	96.000	J		
P3898-07	DDC57	Solid	n-Hexadecanoic acid	*	220.000	J		
P3898-07	DDC57	Solid	Nonadecane	*	200.000	J		
P3898-07	DDC57	Solid	Oxalic acid, octadecyl propyl este	*	190.000	J		
P3898-07	DDC57	Solid	Phenol, 2,3,4,6-tetrachloro-	*	170.000	J		
P3898-07	DDC57	Solid	unknown-01	*	120.000	J		
P3898-07	DDC57	Solid	Total Alkanes	*	1,900.000		55	200 ug/Kg
Total Tics :					6,005.00			
P3898-07	DDC57	Solid	2,3,4,6-Tetrachlorophenol		1,000.000		62	200 ug/Kg
P3898-07	DDC57	Solid	Pentachlorophenol		19,000.000	E	45	390 ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BN091324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Svoc :				20,000.00				
Total Concentration:				26,005.00				
Client ID : DDC62								
P3898-11	DDC62	Solid	(DEL) Alkane: Cyclic20.851	*	160.000	J		
P3898-11	DDC62	Solid	(DEL) Alkane: Straight-Chain11.7	*	100.000	J		
P3898-11	DDC62	Solid	(DEL) Alkane: Straight-Chain12.9	*	130.000	J		
P3898-11	DDC62	Solid	(DEL) Alkane: Straight-Chain15.6	*	140.000	J		
P3898-11	DDC62	Solid	(DEL) Alkane: Straight-Chain15.8	*	130.000	J		
P3898-11	DDC62	Solid	(DEL) Alkane: Straight-Chain16.6	*	96.000	J		
P3898-11	DDC62	Solid	(DEL) Alkane: Straight-Chain17.4	*	89.000	J		
P3898-11	DDC62	Solid	(DEL) Alkane: Straight-Chain7.13	*	220.000	J		
P3898-11	DDC62	Solid	(DEL) Alkane: Straight-Chain8.72	*	240.000	J		
P3898-11	DDC62	Solid	1-Hexanol, 2-ethyl-	*	180.000	J		
P3898-11	DDC62	Solid	6-tert-Butylquinoline	*	82.000	J		
P3898-11	DDC62	Solid	Benzophenone	*	460.000	J		
P3898-11	DDC62	Solid	Cyclohexanone, 3,3,5-trimethyl-	*	120.000	J		
P3898-11	DDC62	Solid	n-Hexadecanoic acid	*	250.000	J		
P3898-11	DDC62	Solid	Naphthalene, 2,3,6-trimethyl-	*	100.000	J		
P3898-11	DDC62	Solid	Sulfurous acid, decyl 2-ethylhexyl	*	240.000	J		
P3898-11	DDC62	Solid	Total Alkanes	*	1,300.000	56	210	ug/Kg
Total Tics :				4,037.00				
P3898-11	DDC62	Solid	2,3,4,6-Tetrachlorophenol		390.000	63	210	ug/Kg
P3898-11	DDC62	Solid	Pentachlorophenol		5,100.000	46	400	ug/Kg
Total Svoc :				5,490.00				
Total Concentration:				9,527.00				
Client ID : DDC77								
P3898-12	DDC77	Solid	(DEL) Alkane: Straight-Chain12.9	*	660.000	J		
P3898-12	DDC77	Solid	(DEL) Alkane: Straight-Chain14.6	*	490.000	J		
P3898-12	DDC77	Solid	(DEL) Alkane: Straight-Chain15.6	*	460.000	J		
P3898-12	DDC77	Solid	(DEL) Alkane: Straight-Chain15.8	*	550.000	J		
P3898-12	DDC77	Solid	(DEL) Alkane: Straight-Chain16.6	*	360.000	J		
P3898-12	DDC77	Solid	(DEL) Alkane: Straight-Chain16.7	*	420.000	J		
P3898-12	DDC77	Solid	(DEL) Alkane: Straight-Chain17.4	*	540.000	J		
P3898-12	DDC77	Solid	(DEL) Alkane: Straight-Chain18.1	*	300.000	J		
P3898-12	DDC77	Solid	(DEL) Alkane: Straight-Chain21.8	*	450.000	J		
P3898-12	DDC77	Solid	(DEL) Alkane: Straight-Chain5.52	*	300.000	J		
P3898-12	DDC77	Solid	(DEL) Alkane: Straight-Chain6.51	*	260.000	J		
P3898-12	DDC77	Solid	(DEL) Alkane: Straight-Chain6.56	*	320.000	J		
P3898-12	DDC77	Solid	(DEL) Alkane: Straight-Chain7.13	*	1,900.000	J		

Hit Summary Sheet SW-846

SDG No.: BN091324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3898-12	DDC77	Solid	(DEL) Alkane: Straight-Chain7.7(*	420.000	J			
P3898-12	DDC77	Solid	(DEL) Alkane: Straight-Chain8.0(*	440.000	J			
P3898-12	DDC77	Solid	(DEL) Alkane: Straight-Chain8.1(*	340.000	J			
P3898-12	DDC77	Solid	(DEL) Alkane: Straight-Chain8.2(*	440.000	J			
P3898-12	DDC77	Solid	(DEL) Alkane: Straight-Chain8.7(*	1,600.000	J			
P3898-12	DDC77	Solid	1(2H)-Naphthalenone, octahydro- *	500.000	J			
P3898-12	DDC77	Solid	1-(benzo[d][1,3]dioxol-4-yl)propa *	950.000	J			
P3898-12	DDC77	Solid	1-Isobutoxy-2-ethylhexane *	370.000	J			
P3898-12	DDC77	Solid	2,6-Pyridinediamine *	1,100.000	J			
P3898-12	DDC77	Solid	2-Heptanone, 4,6-dimethyl- *	360.000	J			
P3898-12	DDC77	Solid	2-Pentanone, 4-hydroxy-4-methyl *	360.000	A			
P3898-12	DDC77	Solid	4-Fluorobenzyl isothiocyanate *	340.000	J			
P3898-12	DDC77	Solid	6-Azabicyclo[3.2.1]octane, 6-metl *	870.000	J			
P3898-12	DDC77	Solid	Benzene, 1-methyl-4-propyl- *	600.000	J			
P3898-12	DDC77	Solid	Carbonic acid, 2-ethylhexyl penta *	740.000	J			
P3898-12	DDC77	Solid	Cyclohexanone, 3,3,5-trimethyl- *	300.000	J			
P3898-12	DDC77	Solid	Cyclohexene, 4-methyl-1-(1-meth *	340.000	J			
P3898-12	DDC77	Solid	n-Hexadecanoic acid *	590.000	J			
P3898-12	DDC77	Solid	Naphthalene, 1,3-dimethyl- *	280.000	J			
P3898-12	DDC77	Solid	Naphthalene, 2,3-dimethyl- *	290.000	J			
P3898-12	DDC77	Solid	unknown-01 *	500.000	J			
P3898-12	DDC77	Solid	unknown-02 *	970.000	J			
P3898-12	DDC77	Solid	unknown-03 *	510.000	J			
P3898-12	DDC77	Solid	unknown-04 *	430.000	J			
P3898-12	DDC77	Solid	unknown-05 *	270.000	J			
P3898-12	DDC77	Solid	unknown-06 *	450.000	J			
P3898-12	DDC77	Solid	unknown-07 *	510.000	J			
P3898-12	DDC77	Solid	unknown-08 *	850.000	J			
P3898-12	DDC77	Solid	unknown-09 *	540.000	J			
P3898-12	DDC77	Solid	unknown-10 *	260.000	J			
P3898-12	DDC77	Solid	unknown-11 *	530.000	J			
P3898-12	DDC77	Solid	unknown-12 *	650.000	J			
P3898-12	DDC77	Solid	unknown-13 *	370.000	J			
P3898-12	DDC77	Solid	unknown-14 *	230.000	J			
P3898-12	DDC77	Solid	unknown-15 *	620.000	J			
P3898-12	DDC77	Solid	Total Alkanes *	10,000.000		56	210	ug/Kg
Total Tics :				35,930.00				
P3898-12	DDC77	Solid	1-Methylnaphthalene	140.000	J	23	210	ug/Kg
P3898-12	DDC77	Solid	2,3,4,6-Tetrachlorophenol	2,400.000		63	210	ug/Kg
P3898-12	DDC77	Solid	2,4,6-Trichlorophenol	610.000		61	210	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN091324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3898-12	DDC77	Solid	2-Methylnaphthalene	230.000		45	210	ug/Kg
P3898-12	DDC77	Solid	Pentachlorophenol	25,000.000	E	46	400	ug/Kg
Total Svoc :				28,380.00				
Total Concentration:				64,310.00				
Client ID : DDC79								
P3898-14	DDC79	Solid	Benzophenone	*	320.000	J		
P3898-14	DDC79	Solid	n-Hexadecanoic acid	*	170.000	J		
P3898-14	DDC79	Solid	n-Tetracosanol-1	*	130.000	J		
P3898-14	DDC79	Solid	Total Alkanes	*	0.000	57	210	ug/Kg
Total Tics :				620.00				
Total Concentration:				620.00				
Client ID : DDC88								
P3898-15	DDC88	Solid	(DEL) Alkane: Straight-Chain10.7	*	150.000	J		
P3898-15	DDC88	Solid	(DEL) Alkane: Straight-Chain12.5	*	250.000	J		
P3898-15	DDC88	Solid	(DEL) Alkane: Straight-Chain14.0	*	290.000	J		
P3898-15	DDC88	Solid	(DEL) Alkane: Straight-Chain15.0	*	270.000	J		
P3898-15	DDC88	Solid	(DEL) Alkane: Straight-Chain15.8	*	290.000	J		
P3898-15	DDC88	Solid	(DEL) Alkane: Straight-Chain16.0	*	250.000	J		
P3898-15	DDC88	Solid	(DEL) Alkane: Straight-Chain16.7	*	130.000	J		
P3898-15	DDC88	Solid	(DEL) Alkane: Straight-Chain17.4	*	250.000	J		
P3898-15	DDC88	Solid	(DEL) Alkane: Straight-Chain18.1	*	180.000	J		
P3898-15	DDC88	Solid	(DEL) Alkane: Straight-Chain18.7	*	130.000	J		
P3898-15	DDC88	Solid	(DEL) Alkane: Straight-Chain19.8	*	88.000	J		
P3898-15	DDC88	Solid	(DEL) Alkane: Straight-Chain20.0	*	89.000	J		
P3898-15	DDC88	Solid	(DEL) Alkane: Straight-Chain21.0	*	95.000	J		
P3898-15	DDC88	Solid	(DEL) Alkane: Straight-Chain21.8	*	150.000	J		
P3898-15	DDC88	Solid	(DEL) Alkane: Straight-Chain7.1	*	530.000	J		
P3898-15	DDC88	Solid	(DEL) Alkane: Straight-Chain8.0	*	180.000	J		
P3898-15	DDC88	Solid	(DEL) Alkane: Straight-Chain8.2	*	210.000	J		
P3898-15	DDC88	Solid	(DEL) Alkane: Straight-Chain8.7	*	600.000	J		
P3898-15	DDC88	Solid	.alpha.-Lindane	*	110.000	J		
P3898-15	DDC88	Solid	2,6-Pyridinediamine	*	350.000	J		
P3898-15	DDC88	Solid	2,7-Dimethyloctan-4-one	*	720.000	J		
P3898-15	DDC88	Solid	2-Heptanone, 4,6-dimethyl-	*	330.000	J		
P3898-15	DDC88	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	930.000	A		
P3898-15	DDC88	Solid	3,4-Methylenedioxypropiophenon	*	310.000	J		
P3898-15	DDC88	Solid	8-Oxabicyclo[3.2.1]oct-6-en-2-on	*	510.000	J		
P3898-15	DDC88	Solid	Benzene, 1-methyl-4-propyl-	*	320.000	J		
P3898-15	DDC88	Solid	Benzeneacetaldehyde, .alpha.-met	*	210.000	J		

Hit Summary Sheet SW-846

SDG No.: BN091324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3898-15	DDC88	Solid	Benzophenone	*	340.000	J		
P3898-15	DDC88	Solid	Carbonic acid, octadecyl prop-1-e	*	420.000	J		
P3898-15	DDC88	Solid	Cyclohexanone, 3,3,5-trimethyl-	*	510.000	J		
P3898-15	DDC88	Solid	Hexylene glycol	*	280.000	J		
P3898-15	DDC88	Solid	n-Hexadecanoic acid	*	440.000	J		
P3898-15	DDC88	Solid	Naphthalene, 1,2-dimethyl-	*	210.000	J		
P3898-15	DDC88	Solid	Naphthalene, 1,5-dimethyl-	*	200.000	J		
P3898-15	DDC88	Solid	Naphthalene, 1,6-dimethyl-	*	150.000	J		
P3898-15	DDC88	Solid	Octadecanoic acid	*	110.000	J		
P3898-15	DDC88	Solid	Pyrazole, 5-amino-1,3-diphenyl-	*	110.000	J		
P3898-15	DDC88	Solid	Pyridine, 2,5-diamino-	*	500.000	J		
P3898-15	DDC88	Solid	unknown-01	*	210.000	J		
P3898-15	DDC88	Solid	unknown-02	*	400.000	J		
P3898-15	DDC88	Solid	unknown-03	*	300.000	J		
P3898-15	DDC88	Solid	unknown-04	*	160.000	J		
P3898-15	DDC88	Solid	unknown-05	*	150.000	J		
P3898-15	DDC88	Solid	unknown-06	*	160.000	J		
P3898-15	DDC88	Solid	unknown-07	*	240.000	J		
P3898-15	DDC88	Solid	unknown-08	*	410.000	J		
P3898-15	DDC88	Solid	unknown-09	*	340.000	J		
P3898-15	DDC88	Solid	unknown-10	*	140.000	J		
P3898-15	DDC88	Solid	Total Alkanes	*	4,100.000	J	59	220 ug/Kg
Total Tics :					17,802.00			
P3898-15	DDC88	Solid	1-Methylnaphthalene		67.000	J	24	220 ug/Kg
P3898-15	DDC88	Solid	2,3,4,6-Tetrachlorophenol		1,300.000		66	220 ug/Kg
P3898-15	DDC88	Solid	2,4,6-Trichlorophenol		320.000		64	220 ug/Kg
P3898-15	DDC88	Solid	2-Methylnaphthalene		100.000	J	47	220 ug/Kg
P3898-15	DDC88	Solid	Isophorone		69.000	J	46	220 ug/Kg
P3898-15	DDC88	Solid	Pentachlorophenol		13,000.000	E	48	420 ug/Kg
Total Svoc :					14,856.00			
Total Concentration:					32,658.00			
Client ID : DDC89								
P3898-16	DDC89	Solid	(DEL) Alkane: Straight-Chain12.5	*	110.000	J		
P3898-16	DDC89	Solid	(DEL) Alkane: Straight-Chain14.0	*	130.000	J		
P3898-16	DDC89	Solid	(DEL) Alkane: Straight-Chain14.0	*	82.000	J		
P3898-16	DDC89	Solid	(DEL) Alkane: Straight-Chain15.0	*	170.000	J		
P3898-16	DDC89	Solid	(DEL) Alkane: Straight-Chain15.4	*	110.000	J		
P3898-16	DDC89	Solid	(DEL) Alkane: Straight-Chain15.8	*	160.000	J		
P3898-16	DDC89	Solid	(DEL) Alkane: Straight-Chain16.0	*	130.000	J		
P3898-16	DDC89	Solid	(DEL) Alkane: Straight-Chain17.4	*	150.000	J		

Hit Summary Sheet
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SDG No.: BN091324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3898-16	DDC89	Solid	(DEL) Alkane: Straight-Chain18.1 *	130.000	J			
P3898-16	DDC89	Solid	(DEL) Alkane: Straight-Chain18.7 *	120.000	J			
P3898-16	DDC89	Solid	(DEL) Alkane: Straight-Chain7.1 *	460.000	J			
P3898-16	DDC89	Solid	(DEL) Alkane: Straight-Chain8.0 *	98.000	J			
P3898-16	DDC89	Solid	(DEL) Alkane: Straight-Chain8.2 *	130.000	J			
P3898-16	DDC89	Solid	(DEL) Alkane: Straight-Chain8.7 *	510.000	J			
P3898-16	DDC89	Solid	13-Octadecenoic acid, methyl este *	130.000	J			
P3898-16	DDC89	Solid	2-Heptanone, 4,6-dimethyl- *	210.000	J			
P3898-16	DDC89	Solid	2-Pentanone, 4-hydroxy-4-methyl *	1,300.000	A			
P3898-16	DDC89	Solid	Benzene, 1-methyl-3-propyl- *	170.000	J			
P3898-16	DDC89	Solid	Benzophenone *	480.000	J			
P3898-16	DDC89	Solid	Carbonic acid, 2-ethylhexyl hexad *	380.000	J			
P3898-16	DDC89	Solid	cis-Hexenyl octyne carbonate *	210.000	J			
P3898-16	DDC89	Solid	Cyclohexanone, 3,3,5-trimethyl- *	740.000	J			
P3898-16	DDC89	Solid	Hexadecanoic acid, methyl ester *	160.000	J			
P3898-16	DDC89	Solid	Hexylene glycol *	430.000	J			
P3898-16	DDC89	Solid	Methyl stearate *	81.000	J			
P3898-16	DDC89	Solid	N-Formyl-d-threo-O-methylthreor *	120.000	J			
P3898-16	DDC89	Solid	n-Hexadecanoic acid *	420.000	J			
P3898-16	DDC89	Solid	Naphthalene, 1,6-dimethyl- *	98.000	J			
P3898-16	DDC89	Solid	Naphthalene, 2,3-dimethyl- *	88.000	J			
P3898-16	DDC89	Solid	Naphthalene, 2,7-dimethyl- *	91.000	J			
P3898-16	DDC89	Solid	Octadecanoic acid *	96.000	J			
P3898-16	DDC89	Solid	Oleic Acid *	100.000	J			
P3898-16	DDC89	Solid	Propane, 1-isocyanato- *	81.000	J			
P3898-16	DDC89	Solid	Pyridine-2,4-diamine *	95.000	J			
P3898-16	DDC89	Solid	unknown-01 *	200.000	J			
P3898-16	DDC89	Solid	unknown-02 *	120.000	J			
P3898-16	DDC89	Solid	unknown-03 *	300.000	J			
P3898-16	DDC89	Solid	unknown-04 *	110.000	J			
P3898-16	DDC89	Solid	unknown-05 *	110.000	J			
P3898-16	DDC89	Solid	unknown-06 *	240.000	J			
P3898-16	DDC89	Solid	unknown-07 *	290.000	J			
P3898-16	DDC89	Solid	Total Alkanes *	2,500.000		55	200	ug/Kg
Total Tics :				11,840.00				
P3898-16	DDC89	Solid	2,3,4,6-Tetrachlorophenol	630.000		63	200	ug/Kg
P3898-16	DDC89	Solid	2,4,6-Trichlorophenol	64.000	J	60	200	ug/Kg
P3898-16	DDC89	Solid	2-Methylnaphthalene	49.000	J	45	200	ug/Kg
P3898-16	DDC89	Solid	Isophorone	70.000	J	43	200	ug/Kg
P3898-16	DDC89	Solid	Pentachlorophenol	9,100.000	E	46	400	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BN091324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Svoc :				9,913.00				
Total Concentration:				21,753.00				
Client ID : DDC91								
P3898-18	DDC91	Solid	(DEL) Alkane: Straight-Chain20.8 *	94.000	J			
P3898-18	DDC91	Solid	1,3-Pentanediol, 2,2,4-trimethyl- *	130.000	J			
P3898-18	DDC91	Solid	4-Nonanone, 2,6,8-trimethyl- *	92.000	J			
P3898-18	DDC91	Solid	Benzophenone *	400.000	J			
P3898-18	DDC91	Solid	Cyclohexanone, 3,3,5-trimethyl- *	420.000	J			
P3898-18	DDC91	Solid	Hexanoic acid, 2-ethyl- *	450.000	J			
P3898-18	DDC91	Solid	Hexylene glycol *	220.000	J			
P3898-18	DDC91	Solid	n-Hexadecanoic acid *	260.000	J			
P3898-18	DDC91	Solid	Total Alkanes *	94.000		56	210	ug/Kg
Total Tics :				2,160.00				
P3898-18	DDC91	Solid	2,3,4,6-Tetrachlorophenol	250.000		63	210	ug/Kg
P3898-18	DDC91	Solid	Pentachlorophenol	2,700.000		46	400	ug/Kg
Total Svoc :				2,950.00				
Total Concentration:				5,110.00				
Client ID : C0AN6								
P3922-12	C0AN6	Water	1-Heneicosanol *	2.500	J			
P3922-12	C0AN6	Water	Benzophenone *	6.700	J			
P3922-12	C0AN6	Water	n-Hexadecanoic acid *	4.200	J			
P3922-12	C0AN6	Water	Total Alkanes *	0.000		1.9	5	ug/L
Total Tics :				13.40				
Total Concentration:				13.40				
Client ID : C0AQ1								
P3922-14	C0AQ1	Water	(DEL) Alkane: Straight-Chain20.8 *	2.100	J			
P3922-14	C0AQ1	Water	Benzophenone *	4.800	J			
P3922-14	C0AQ1	Water	Benzothiazole *	2.100	J			
P3922-14	C0AQ1	Water	Diethyltoluamide *	2.700	J			
P3922-14	C0AQ1	Water	n-Hexadecanoic acid *	3.500	J			
P3922-14	C0AQ1	Water	Total Alkanes *	2.100		1.9	5.1	ug/L
Total Tics :				17.30				
Total Concentration:				17.30				
Client ID : C0AQ9								
P3922-15	C0AQ9	Water	1-Phenoxypropan-2-ol *	210.000	J			
P3922-15	C0AQ9	Water	1-Propanol, 2-(2-hydroxypropoxy) *	3.300	J			
P3922-15	C0AQ9	Water	Methane, diethoxy- *	2.600	J			
P3922-15	C0AQ9	Water	Terephthalic acid, 3-methylbut-2-yl *	4.600	J			
P3922-15	C0AQ9	Water	Total Alkanes *	0.000		1.9	5.1	ug/L

Hit Summary Sheet
SW-846

SDG No.: BN091324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Tics :	220.50				
			Total Concentration:	220.50				
Client ID : C0AR3								
P3922-16	C0AR3	Water	(DEL) Alkane: Cyclic3.352	*	3.000	J		
P3922-16	C0AR3	Water	1-Methylindan-2-one	*	7.000	J		
P3922-16	C0AR3	Water	1-Phenyl-1-butene	*	17.000	J		
P3922-16	C0AR3	Water	1H-Inden-1-one, 2,3-dihydro-	*	7.400	J		
P3922-16	C0AR3	Water	2-Heptanone, 4,6-dimethyl-	*	5.000	J		
P3922-16	C0AR3	Water	Acetic acid, (2,4-xylyl)-	*	13.000	J		
P3922-16	C0AR3	Water	Benzene, (1-methylethyl)-	*	32.000	J		
P3922-16	C0AR3	Water	Benzene, 1,2,3-trimethyl-	*	22.000	J		
P3922-16	C0AR3	Water	Benzene, 1,2,4,5-tetramethyl-	*	8.900	J		
P3922-16	C0AR3	Water	Benzene, 1,2,4-trimethyl-	*	29.000	J		
P3922-16	C0AR3	Water	Benzene, 1,2-diethyl-	*	9.500	J		
P3922-16	C0AR3	Water	Benzene, 1,3-dimethyl-	*	280.000	J		
P3922-16	C0AR3	Water	Benzene, 1-ethyl-2-methyl-	*	24.000	J		
P3922-16	C0AR3	Water	Benzene, 1-ethyl-3-methyl-	*	47.000	J		
P3922-16	C0AR3	Water	Benzene, cyclopropyl-	*	26.000	J		
P3922-16	C0AR3	Water	Benzene, propyl-	*	47.000	J		
P3922-16	C0AR3	Water	Benzoic acid, 2,4,6-trimethyl-	*	7.600	J		
P3922-16	C0AR3	Water	Benzoic acid, 2,5-dimethyl-	*	20.000	J		
P3922-16	C0AR3	Water	Benzoic acid, 2,6-dimethyl-	*	17.000	J		
P3922-16	C0AR3	Water	Benzoic acid, 2-methyl-	*	12.000	J		
P3922-16	C0AR3	Water	Benzoic acid, p-tert-butyl-	*	7.800	J		
P3922-16	C0AR3	Water	Ethanone, 1-(4-methylphenyl)-	*	4.400	J		
P3922-16	C0AR3	Water	Ethylbenzene	*	190.000	J		
P3922-16	C0AR3	Water	Mesitylene	*	98.000	J		
P3922-16	C0AR3	Water	o-Cymene	*	6.100	J		
P3922-16	C0AR3	Water	o-Xylene	*	600.000	J		
P3922-16	C0AR3	Water	Phenol, 2,6-dimethyl-	*	11.000	J		
P3922-16	C0AR3	Water	Propane, 1,1-[methylenebis(oxy)]	*	7.200	J		
P3922-16	C0AR3	Water	Toluene	*	1,100.000	J		
P3922-16	C0AR3	Water	Tributyl phosphate	*	8.400	J		
P3922-16	C0AR3	Water	unknown-01	*	6.900	J		
P3922-16	C0AR3	Water	Total Alkanes	*	3.000	1.9	5	ug/L
			Total Tics :	2,677.20				
P3922-16	C0AR3	Water	2,4-Dimethylphenol		6.500	0.72	5	ug/L
P3922-16	C0AR3	Water	2-Methylphenol		20.000	1.5	10	ug/L
P3922-16	C0AR3	Water	4-Methylphenol		31.000	1.6	10	ug/L
P3922-16	C0AR3	Water	Diethylphthalate		14.000	1.5	5	ug/L

Hit Summary Sheet
SW-846

SDG No.: BN091324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3922-16	C0AR3	Water	Naphthalene	25.000		1.5	5	ug/L
			Total Svoc :			96.50		
			Total Concentration:			2,773.70		
Client ID : C0AR5								
P3922-17	C0AR5	Water	(DEL) Alkane: Cyclic3.352	*	2.300	J		
P3922-17	C0AR5	Water	1-Methylindan-2-one	*	6.100	J		
P3922-17	C0AR5	Water	1-Phenyl-1-butene	*	33.000	J		
P3922-17	C0AR5	Water	1H-Inden-1-one, 2,3-dihydro-2-m	*	2.000	J		
P3922-17	C0AR5	Water	1H-Indene, 2,3-dihydro-4-methyl-	*	5.200	J		
P3922-17	C0AR5	Water	4-Isopropylphenylacetic acid	*	4.400	J		
P3922-17	C0AR5	Water	7-Methylindan-1-one	*	2.400	J		
P3922-17	C0AR5	Water	Benzene, (1-methylethyl)-	*	6.300	J		
P3922-17	C0AR5	Water	Benzene, (2-methyl-1-butenyl)-	*	2.100	J		
P3922-17	C0AR5	Water	Benzene, 1,2,3,4-tetramethyl-	*	17.000	J		
P3922-17	C0AR5	Water	Benzene, 1,2,3-trimethyl-	*	8.500	J		
P3922-17	C0AR5	Water	Benzene, 1,2,4,5-tetramethyl-	*	15.000	J		
P3922-17	C0AR5	Water	Benzene, 1,3-diethyl-	*	5.600	J		
P3922-17	C0AR5	Water	Benzene, 2-ethyl-1,4-dimethyl-	*	9.100	J		
P3922-17	C0AR5	Water	Benzene, 4-ethyl-1,2-dimethyl-	*	3.400	J		
P3922-17	C0AR5	Water	Benzene, propyl-	*	5.800	J		
P3922-17	C0AR5	Water	Benzoic acid, 2,4,5-trimethyl-	*	7.100	J		
P3922-17	C0AR5	Water	Ethanone, 1-(2,5-dimethylphenyl)	*	2.500	J		
P3922-17	C0AR5	Water	Indane	*	10.000	J		
P3922-17	C0AR5	Water	Indane-5-carboxylic acid	*	4.700	J		
P3922-17	C0AR5	Water	Mesitylene	*	21.000	J		
P3922-17	C0AR5	Water	o-Cymene	*	8.100	J		
P3922-17	C0AR5	Water	o-Xylene	*	17.000	J		
P3922-17	C0AR5	Water	p-Mentha-1,5,8-triene	*	6.000	J		
P3922-17	C0AR5	Water	unknown-01	*	3.300	J		
P3922-17	C0AR5	Water	Total Alkanes	*	2.300	1.9	5.1	ug/L
			Total Tics :			210.20		
P3922-17	C0AR5	Water	Naphthalene		41.000	1.5	5.1	ug/L
			Total Svoc :			41.00		
			Total Concentration:			251.20		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

LAB FILE ID:		RRFAL1 = BN033845.D			RRFAL2 = BN033846.D		RRFAL3 = BN033847.D	
		RRFAL4 = BN033848.D			RRFAL5 = BN033849.D		RRFAL6 = BN033850.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.488	0.571	0.495	0.523	0.508		0.517	6.4
Benzaldehyde		1.124	1.111	1.040	0.761	0.650	0.937	23.2
Pyridine		1.580	1.401	1.504	1.496	1.473	1.491	4.3
Hexachloroethane	0.577	0.639	0.567	0.621	0.615		0.604	5.1
Nitrobenzene	0.369	0.439	0.382	0.405	0.400		0.399	6.7
Isophorone	0.675	0.802	0.701	0.753	0.748		0.736	6.7
2-Nitrophenol	0.154	0.193	0.179	0.195	0.197		0.183	9.7
2,4-Dimethylphenol	0.346	0.414	0.364	0.377	0.386		0.377	6.7
Bis(2-Chloroethoxy)methane	0.430	0.495	0.429	0.459	0.451		0.453	5.9
2,4-Dichlorophenol	0.283	0.338	0.297	0.322	0.323		0.313	7.1
Naphthalene	1.080	1.203	1.022	1.093	1.072		1.094	6.1
4-Chloroaniline		0.505	0.429	0.456	0.467	0.445	0.461	6.2
Hexachlorobutadiene	0.195	0.221	0.189	0.203	0.195		0.201	6.2
Phenol		1.928	1.725	1.842	1.874	1.871	1.848	4.1
Caprolactam		0.115	0.152	0.115	0.121	0.119	0.124	12.4
4-Chloro-3-methylphenol	0.332	0.395	0.354	0.378	0.382		0.368	6.9
1-Methylnaphthalene	0.733	0.841	0.723	0.763	0.755		0.763	6.1
2-Methylnaphthalene	0.734	0.830	0.712	0.743	0.750		0.754	6.0
Hexachlorocyclopentadiene		0.330	0.415	0.354	0.341	0.336	0.355	9.8
2,4,6-Trichlorophenol	0.333	0.402	0.370	0.404	0.404		0.383	8.2
2,4,5-Trichlorophenol	0.371	0.447	0.399	0.447	0.439		0.420	8.2
1,1-Biphenyl	1.462	1.671	1.418	1.520	1.468		1.508	6.5
2-Chloronaphthalene	1.119	1.294	1.111	1.192	1.157		1.175	6.3
2-Nitroaniline	0.319	0.404	0.366	0.407	0.401		0.380	9.9
Bis(2-Chloroethyl)ether		1.537	1.365	1.468	1.423	1.388	1.436	4.8
Dimethylphthalate	1.456	1.675	1.456	1.527	1.504		1.523	5.9
2,6-Dinitrotoluene	0.244	0.311	0.289	0.324	0.332		0.300	11.8
Acenaphthylene	1.716	2.005	1.755	1.893	1.830		1.840	6.2
3-Nitroaniline		0.341	0.330	0.352	0.326	0.308	0.331	5.0
Acenaphthene	1.249	1.439	1.255	1.327	1.298		1.314	5.9
2,4-Dinitrophenol		0.136	0.141	0.183	0.199	0.223	0.176	21.4
4-Nitrophenol		0.279	0.247	0.265	0.266	0.246	0.261	5.4
Dibenzofuran	1.741	1.970	1.728	1.811	1.731		1.796	5.7
2,4-Dinitrotoluene	0.369	0.474	0.444	0.488	0.485		0.452	10.9
Diethylphthalate	1.492	1.736	1.525	1.622	1.584		1.592	6.0
2-Chlorophenol	1.347	1.522	1.369	1.455	1.466		1.432	5.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN091124 SAS No.: BN091124 SDG No.: BN091124

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

Calibration Time(s): 17:22 _____

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

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN091324 SAS No.: BN091324 SDG NO.: BN091324

EPA Sample No.: SSTD020219 Date Analyzed: Sep 13 2024 12:00AM

Lab File ID: BN033847.D Time Analyzed: 09:42

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	200340	7.499	881178	10.26	573184	14.14
	UPPER LIMIT	400680	7.999	1762356	10.757	1146368	14.639
	LOWER LIMIT	100170	6.999	440589	9.757	286592	13.639
	EPA SAMPLE NO.						
01	SBLK351	129665	7.49	517095	10.25	301132	14.14
02	SLCS351	122723	7.49	499045	10.25	324189	14.13
03	C0AN6	173818	7.49	697046	10.25	416345	14.13
04	C0AR3	154792	7.49	628675	10.25	398486	14.13
05	C0AR5	163431	7.49	655221	10.25	397725	14.13
06	C0AQ1	145802	7.49	584626	10.25	339550	14.13
07	C0AQ9	158795	7.49	618593	10.25	366894	14.13
08	SBLK308	203229	7.49	795312	10.25	456968	14.13
09	DDC06	149229	7.49	597822	10.25	350315	14.13
10	DDC15	174917	7.49	689748	10.25	398763	14.13
11	DDC16	171365	7.49	664569	10.25	393816	14.13
12	DDC31	185135	7.49	720244	10.25	438698	14.13
13	DDC57	182567	7.49	708229	10.25	446922	14.13
14	DDC62	165089	7.49	652275	10.25	402096	14.13
15	DDC77	187838	7.49	793658	10.25	537816	14.13
16	DDC79	192672	7.49	763403	10.25	460193	14.13
17	DDC88	206483	7.49	851780	10.25	582542	14.13
18	DDC89	197958	7.49	803785	10.25	514000	14.13
19	DDC91	195007	7.49	794595	10.25	499768	14.13
20	SLCS308	187482	7.49	745159	10.25	469964	14.13

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN091324 SAS No.: BN091324 SDG NO.: BN091324

EPA Sample No.: SSTD020219 Date Analyzed: Sep 13 2024 12:00AM

Lab File ID: BN033847.D Time Analyzed: 23:39

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	200340	7.499	881178	10.26	573184	14.14
UPPER LIMIT	400680	7.999	1762356	10.757	1146368	14.639
LOWER LIMIT	100170	6.999	440589	9.757	286592	13.639
EPA SAMPLE NO.						

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.: BN091324 SAS No.: BN091324 SDG NO.: BN091324

EPA Sample No.: SSTD020318 Date Analyzed: Sep 13 2024 12:00AM

Lab File ID: BN033889.D Time Analyzed: 09:42

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	126125	7.493	509937	10.25	319614	14.13
UPPER LIMIT	252250	7.993	1019874	10.751	639228	14.634
LOWER LIMIT	63062.5	6.993	254968.5	9.751	159807	13.634
EPA SAMPLE NO.						
01 SBLK351	129665	7.49	517095	10.25	301132	14.14
02 SLCS351	122723	7.49	499045	10.25	324189	14.13
03 C0AN6	173818	7.49	697046	10.25	416345	14.13
04 C0AR3	154792	7.49	628675	10.25	398486	14.13
05 C0AR5	163431	7.49	655221	10.25	397725	14.13
06 C0AQ1	145802	7.49	584626	10.25	339550	14.13
07 C0AQ9	158795	7.49	618593	10.25	366894	14.13

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.: BN091324 SAS No.: BN091324 SDG NO.: BN091324

EPA Sample No.: SSTD020319 Date Analyzed: Sep 13 2024 12:00AM

Lab File ID: BN033897.D Time Analyzed: 15:47

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	151928	7.487	598256	10.25	355433	14.13
UPPER LIMIT	303856	7.987	1196512	10.751	710866	14.634
LOWER LIMIT	75964	6.987	299128	9.751	177716.5	13.634
EPA SAMPLE NO.						
01 SBLK308	203229	7.49	795312	10.25	456968	14.13
02 DDC06	149229	7.49	597822	10.25	350315	14.13
03 DDC15	174917	7.49	689748	10.25	398763	14.13
04 DDC16	171365	7.49	664569	10.25	393816	14.13
05 DDC31	185135	7.49	720244	10.25	438698	14.13
06 DDC57	182567	7.49	708229	10.25	446922	14.13
07 DDC62	165089	7.49	652275	10.25	402096	14.13
08 DDC77	187838	7.49	793658	10.25	537816	14.13
09 DDC79	192672	7.49	763403	10.25	460193	14.13
10 DDC88	206483	7.49	851780	10.25	582542	14.13
11 DDC89	197958	7.49	803785	10.25	514000	14.13
12 DDC91	195007	7.49	794595	10.25	499768	14.13
13 SLCS308	187482	7.49	745159	10.25	469964	14.13

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.: BN091324 SAS No.: BN091324 SDG NO.: BN091324

EPA Sample No.: SSTD020219 Date Analyzed: Sep 13 2024 12:00AM

Lab File ID: BN033847.D Time Analyzed: 09:42

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.22678e+0	16.898	1.2023e+0	21.127	1.43568e+0	23.91
UPPER LIMIT	2453560	17.398	2404600	21.627	2871360	24.41
LOWER LIMIT	613390	16.398	601150	20.627	717840	23.41
EPA SAMPLE NO.						
01 SBLK351	620111	16.89	651386	21.13	762648	23.90
02 SLCS351	705344	16.89	734844	21.13	886073	23.91
03 C0AN6	868002	16.89	909602	21.13	1.09154e+	23.90
04 C0AR3	822729	16.89	842281	21.13	969967	23.90
05 C0AR5	815305	16.89	819327	21.13	962819	23.90
06 C0AQ1	696226	16.89	737573	21.13	892055	23.90
07 C0AQ9	737857	16.89	746526	21.13	915449	23.90
08 SBLK308	935002	16.89	973715	21.13	1.15076e+	23.90
09 DDC06	729256	16.89	811809	21.13	988143	23.90
10 DDC15	809623	16.89	863696	21.13	1.05901e+	23.90
11 DDC16	822197	16.89	894023	21.13	1.09048e+	23.90
12 DDC31	954072	16.89	1.05307e+	21.13	1.24345e+	23.90
13 DDC57	987438	16.89	998345	21.13	1.17521e+	23.90
14 DDC62	847970	16.89	932644	21.12	1.06192e+	23.90
15 DDC77	1.15836	16.89	1.10921e+	21.12	1.27421e+	23.90
16 DDC79	977939	16.89	977392	21.12	1.16573e+	23.90
17 DDC88	1.2391e	16.89	1.19828e+	21.12	1.3723e+0	23.90
18 DDC89	1.11193	16.89	1.09643e+	21.13	1.22302e+	23.90
19 DDC91	1.07559	16.89	1.10452e+	21.13	1.23274e+	23.90
20 SLCS308	986834	16.89	999104	21.13	1.17745e+	23.90

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN091324 SAS No.: BN091324 SDG NO.: BN091324

EPA Sample No.: SSTD020219 Date Analyzed: Sep 13 2024 12:00AM

Lab File ID: BN033847.D Time Analyzed: 23:39

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.22678e+01	16.898	1.2023e+01	21.127	1.43568e+01	23.91
UPPER LIMIT	2453560	17.398	2404600	21.627	2871360	24.41
LOWER LIMIT	613390	16.398	601150	20.627	717840	23.41
EPA SAMPLE NO.						

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.: BN091324 SAS No.: BN091324 SDG NO.: BN091324

EPA Sample No.: SSTD020318 Date Analyzed: Sep 13 2024 12:00AM

Lab File ID: BN033889.D Time Analyzed: 09:42

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	685669	16.892	747533	21.127	893962	23.91
UPPER LIMIT	1371338	17.392	1495066	21.627	1787924	24.41
LOWER LIMIT	342834.5	16.392	373766.5	20.627	446981	23.41
EPA SAMPLE NO.						
01 SBLK351	620111	16.89	651386	21.13	762648	23.90
02 SLCS351	705344	16.89	734844	21.13	886073	23.91
03 COAN6	868002	16.89	909602	21.13	1.09154e+	23.90
04 COAR3	822729	16.89	842281	21.13	969967	23.90
05 COAR5	815305	16.89	819327	21.13	962819	23.90
06 COAQ1	696226	16.89	737573	21.13	892055	23.90
07 COAQ9	737857	16.89	746526	21.13	915449	23.90

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.: BN091324 SAS No.: BN091324 SDG NO.: BN091324

EPA Sample No.: SSTD020319 Date Analyzed: Sep 13 2024 12:00AM

Lab File ID: BN033897.D Time Analyzed: 15:47

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	731131	16.892	746040	21.127	885498	23.904
UPPER LIMIT	1462262	17.392	1492080	21.627	1770996	24.404
LOWER LIMIT	365565.5	16.392	373020	20.627	442749	23.404
EPA SAMPLE NO.						
01 SBLK308	935002	16.89	973715	21.13	1.15076e+	23.90
02 DDC06	729256	16.89	811809	21.13	988143	23.90
03 DDC15	809623	16.89	863696	21.13	1.05901e+	23.90
04 DDC16	822197	16.89	894023	21.13	1.09048e+	23.90
05 DDC31	954072	16.89	1.05307e+	21.13	1.24345e+	23.90
06 DDC57	987438	16.89	998345	21.13	1.17521e+	23.90
07 DDC62	847970	16.89	932644	21.12	1.06192e+	23.90
08 DDC77	1.15836	16.89	1.10921e+	21.12	1.27421e+	23.90
09 DDC79	977939	16.89	977392	21.12	1.16573e+	23.90
10 DDC88	1.2391e	16.89	1.19828e+	21.12	1.3723e+0	23.90
11 DDC89	1.11193	16.89	1.09643e+	21.13	1.22302e+	23.90
12 DDC91	1.07559	16.89	1.10452e+	21.13	1.23274e+	23.90
13 SLCS308	986834	16.89	999104	21.13	1.17745e+	23.90

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.: BN091324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163308BS	1,4-Dioxane	530	340	ug/Kg	64				0	0		
	Benzaldehyde	1300	750	ug/Kg	58				0	0		
	Pyridine	1300	810	ug/Kg	62				0	0		
	Phenol	1300	810	ug/Kg	62				0	0		
	Bis(2-chloroethyl)ether	1300	820	ug/Kg	63				0	0		
	2-Chlorophenol	1300	870	ug/Kg	67				0	0		
	2-Methylphenol	1300	790	ug/Kg	61				0	0		
	2,2-oxybis(1-Chloropropane)	1300	810	ug/Kg	62				0	0		
	Acetophenone	1300	770	ug/Kg	59				0	0		
	4-Methylphenol	1300	770	ug/Kg	59				0	0		
	N-Nitroso-di-n-propylamine	1300	780	ug/Kg	60				0	0		
	Hexachloroethane	1300	880	ug/Kg	68				0	0		
	Nitrobenzene	1300	890	ug/Kg	68				0	0		
	Isophorone	1300	850	ug/Kg	65				0	0		
	2-Nitrophenol	1300	900	ug/Kg	69				0	0		
	2,4-Dimethylphenol	1300	680	ug/Kg	52				0	0		
	Bis(2-chloroethoxy)methane	1300	830	ug/Kg	64				0	0		
	2,4-Dichlorophenol	1300	860	ug/Kg	66				0	0		
	Naphthalene	1300	860	ug/Kg	66				0	0		
	4-Chloroaniline	1300	670	ug/Kg	52				0	0		
	Hexachlorobutadiene	1300	890	ug/Kg	68				0	0		
	Caprolactam	1300	760	ug/Kg	58				0	0		
	4-Chloro-3-methylphenol	1300	840	ug/Kg	65				0	0		
	1-Methylnaphthalene	1300	810	ug/Kg	62				0	0		
	2-Methylnaphthalene	1300	820	ug/Kg	63				0	0		
	Hexachlorocyclopentadiene	1300	740	ug/Kg	57				0	0		
	2,4,6-Trichlorophenol	1300	760	ug/Kg	58				0	0		
	2,4,5-Trichlorophenol	1300	810	ug/Kg	62				0	0		
	1,1'-Biphenyl	1300	840	ug/Kg	65				0	0		
	2-Chloronaphthalene	1300	860	ug/Kg	66				0	0		
	2-Nitroaniline	1300	910	ug/Kg	70				0	0		
	Dimethylphthalate	1300	850	ug/Kg	65				0	0		
	2,6-Dinitrotoluene	1300	910	ug/Kg	70				0	0		
	Acenaphthylene	1300	900	ug/Kg	69				0	0		
	3-Nitroaniline	1300	900	ug/Kg	69				0	0		
	Acenaphthene	1300	840	ug/Kg	65				0	0		
	2,4-Dinitrophenol	1300	710	ug/Kg	55				0	0		
	4-Nitrophenol	1300	890	ug/Kg	68				0	0		
	Dibenzofuran	1300	840	ug/Kg	65				0	0		
	2,4-Dinitrotoluene	1300	910	ug/Kg	70				0	0		
	Diethylphthalate	1300	860	ug/Kg	66				0	0		
	Fluorene	1300	860	ug/Kg	66				0	0		
	4-Chlorophenyl-phenylether	1300	840	ug/Kg	65				0	0		
	4-Nitroaniline	1300	990	ug/Kg	76				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN091324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163308BS	4,6-Dinitro-2-methylphenol	1300	860	ug/Kg	66				0	0		
	N-Nitrosodiphenylamine	1300	860	ug/Kg	66				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	870	ug/Kg	67				0	0		
	4-Bromophenyl-phenylether	1300	880	ug/Kg	68				0	0		
	Hexachlorobenzene	1300	870	ug/Kg	67				0	0		
	Atrazine	1300		ug/Kg	0				0	0		
	Pentachlorophenol	1300	560	ug/Kg	43				0	0		
	Phenanthrene	1300	890	ug/Kg	68				0	0		
	Pentachlorobenzene	1300	810	ug/Kg	62				0	0		
	Anthracene	1300	870	ug/Kg	67				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	870	ug/Kg	67				0	0		
	Carbazole	1300	910	ug/Kg	70				0	0		
	Di-n-butylphthalate	1300	880	ug/Kg	68				0	0		
	Fluoranthene	1300	900	ug/Kg	69				0	0		
	Pyrene	1300	870	ug/Kg	67				0	0		
	Butylbenzylphthalate	1300	900	ug/Kg	69				0	0		
	3,3'-Dichlorobenzidine	1300	890	ug/Kg	68				0	0		
	Benzo(a)anthracene	1300	900	ug/Kg	69				0	0		
	Chrysene	1300	870	ug/Kg	67				0	0		
	Bis(2-ethylhexyl)phthalate	1300	880	ug/Kg	68				0	0		
	Di-n-octylphthalate	1300	930	ug/Kg	72				0	0		
	Benzo(b)fluoranthene	1300	940	ug/Kg	72				0	0		
	Benzo(k)fluoranthene	1300	920	ug/Kg	71				0	0		
	Benzo(a)pyrene	1300	880	ug/Kg	68				0	0		
	Indeno(1,2,3-cd)pyrene	1300	910	ug/Kg	70				0	0		
	Dibenzo(a,h)anthracene	1300	930	ug/Kg	72				0	0		
	Benzo(g,h,i)perylene	1300	940	ug/Kg	72				0	0		
	2,3,4,6-Tetrachlorophenol	1300	700	ug/Kg	54				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN091324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB163351BS	1,4-Dioxane	16	12	ug/L	75				0	0	
	Benzaldehyde	40	27	ug/L	68				0	0	
	Pyridine	40	30	ug/L	75				0	0	
	Phenol	40	30	ug/L	75				0	0	
	Bis(2-chloroethyl)ether	40	30	ug/L	75				0	0	
	2-Chlorophenol	40	31	ug/L	78				0	0	
	2-Methylphenol	40	29	ug/L	73				0	0	
	2,2-oxybis(1-Chloropropane)	40	30	ug/L	75				0	0	
	Acetophenone	40	29	ug/L	73				0	0	
	4-Methylphenol	40	29	ug/L	73				0	0	
	N-Nitroso-di-n-propylamine	40	30	ug/L	75				0	0	
	Hexachloroethane	40	33	ug/L	83				0	0	
	Nitrobenzene	40	33	ug/L	83				0	0	
	Isophorone	40	31	ug/L	78				0	0	
	2-Nitrophenol	40	33	ug/L	83				0	0	
	2,4-Dimethylphenol	40	27	ug/L	68				0	0	
	Bis(2-chloroethoxy)methane	40	31	ug/L	78				0	0	
	2,4-Dichlorophenol	40	32	ug/L	80				0	0	
	Naphthalene	40	32	ug/L	80				0	0	
	4-Chloroaniline	40	25	ug/L	63				0	0	
	Hexachlorobutadiene	40	33	ug/L	83				0	0	
	Caprolactam	40	28	ug/L	70				0	0	
	4-Chloro-3-methylphenol	40	32	ug/L	80				0	0	
	1-Methylnaphthalene	40	31	ug/L	78				0	0	
	2-Methylnaphthalene	40	31	ug/L	78				0	0	
	Hexachlorocyclopentadiene	40	30	ug/L	75				0	0	
	2,4,6-Trichlorophenol	40	28	ug/L	70				0	0	
	2,4,5-Trichlorophenol	40	29	ug/L	73				0	0	
	1,1'-Biphenyl	40	32	ug/L	80				0	0	
	2-Chloronaphthalene	40	31	ug/L	78				0	0	
	2-Nitroaniline	40	33	ug/L	83				0	0	
	Dimethylphthalate	40	32	ug/L	80				0	0	
	2,6-Dinitrotoluene	40	34	ug/L	85				0	0	
	Acenaphthylene	40	33	ug/L	83				0	0	
	3-Nitroaniline	40	32	ug/L	80				0	0	
	Acenaphthene	40	31	ug/L	78				0	0	
	2,4-Dinitrophenol	40	31	ug/L	78				0	0	
	4-Nitrophenol	40	34	ug/L	85				0	0	
	Dibenzofuran	40	32	ug/L	80				0	0	
	2,4-Dinitrotoluene	40	34	ug/L	85				0	0	
	Diethylphthalate	40	33	ug/L	83				0	0	
	Fluorene	40	33	ug/L	83				0	0	
	4-Chlorophenyl-phenylether	40	33	ug/L	83				0	0	
	4-Nitroaniline	40	35	ug/L	88				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN091324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB163351BS	4,6-Dinitro-2-methylphenol	40	31	ug/L	78				0	0	
	N-Nitrosodiphenylamine	40	32	ug/L	80				0	0	
	1,2,4,5-Tetrachlorobenzene	40	33	ug/L	83				0	0	
	4-Bromophenyl-phenylether	40	33	ug/L	83				0	0	
	Hexachlorobenzene	40	34	ug/L	85				0	0	
	Atrazine	40		ug/L	0				0	0	
	Pentachlorophenol	40	23	ug/L	58				0	0	
	Phenanthrene	40	33	ug/L	83				0	0	
	Pentachlorobenzene	40	30	ug/L	75				0	0	
	Anthracene	40	33	ug/L	83				0	0	
	1,2,3,4-Tetrachlorobenzene	40	31	ug/L	78				0	0	
	Carbazole	40	34	ug/L	85				0	0	
	Di-n-butylphthalate	40	34	ug/L	85				0	0	
	Fluoranthene	40	32	ug/L	80				0	0	
	Pyrene	40	32	ug/L	80				0	0	
	Butylbenzylphthalate	40	33	ug/L	83				0	0	
	3,3'-Dichlorobenzidine	40	31	ug/L	78				0	0	
	Benzo(a)anthracene	40	33	ug/L	83				0	0	
	Chrysene	40	33	ug/L	83				0	0	
	Bis(2-ethylhexyl)phthalate	40	34	ug/L	85				0	0	
	Di-n-octylphthalate	40	34	ug/L	85				0	0	
	Benzo(b)fluoranthene	40	34	ug/L	85				0	0	
	Benzo(k)fluoranthene	40	33	ug/L	83				0	0	
	Benzo(a)pyrene	40	32	ug/L	80				0	0	
	Indeno(1,2,3-cd)pyrene	40	34	ug/L	85				0	0	
	Dibenzo(a,h)anthracene	40	34	ug/L	85				0	0	
	Benzo(g,h,i)perylene	40	34	ug/L	85				0	0	
	2,3,4,6-Tetrachlorophenol	40	27	ug/L	68				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK308

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN091324

SAS No.: BN091324 SDG NO.: BN091324

Lab File ID: BN033898.D

Lab Sample ID: PB163308BL

Instrument ID: BNA_N

Date Extracted: 09/11/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/13/2024

Level: (low/med) LOW

Time Analyzed: 15:47

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
DDC06	P3898-01	BN033899.D	09/13/2024
DDC15	P3898-04	BN033900.D	09/13/2024
DDC16	P3898-05	BN033901.D	09/13/2024
DDC31	P3898-06	BN033902.D	09/13/2024
DDC57	P3898-07	BN033903.D	09/13/2024
DDC62	P3898-11	BN033904.D	09/13/2024
DDC77	P3898-12	BN033905.D	09/13/2024
DDC79	P3898-14	BN033906.D	09/13/2024
DDC88	P3898-15	BN033907.D	09/13/2024
DDC89	P3898-16	BN033908.D	09/13/2024
DDC91	P3898-18	BN033909.D	09/13/2024
PB163308BS	PB163308BS	BN033910.D	09/13/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK351

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN091324

SAS No.: BN091324 SDG NO.: BN091324

Lab File ID: BN033890.D

Lab Sample ID: PB163351BL

Instrument ID: BNA_N

Date Extracted: 09/12/2024

Matrix: (soil/water) Water

Date Analyzed: 09/13/2024

Level: (low/med) LOW

Time Analyzed: 09:42

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163351BS	PB163351BS	BN033891.D	09/13/2024
C0AN6	P3922-12	BN033892.D	09/13/2024
C0AR3	P3922-16	BN033893.D	09/13/2024
C0AR5	P3922-17	BN033894.D	09/13/2024
C0AQ1	P3922-14	BN033895.D	09/13/2024
C0AQ9	P3922-15	BN033896.D	09/13/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BN091324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3898-01	DDC06	BN033899.D	1,4-Dioxane-d8	8	3.81	48		15	120
			Pyridine-d5	40	11.42	29		20	120
			Phenol-d5	40	18.14	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.40	46		10	150
			2-Chlorophenol-d4	40	18.84	47		15	120
			4-Methylphenol-d8	40	17.26	43		10	140
			Nitrobenzene-d5	40	19.04	48		10	135
			2-Nitrophenol-d4	40	19.02	48		10	120
			2,4-Dichlorophenol-d3	40	18.34	46		10	140
			4-Chloroaniline-d4	40	17.47	44		1	145
			Dimethylphthalate-d6	40	20.94	52		10	145
			Acenaphthylene-d8	40	20.27	51		15	120
			4-Nitrophenol-d4	40	16.41	41		10	150
			Fluorene-d10	40	20.71	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.08	33		10	130
			Anthracene-d10	40	21.62	54		10	150
			Pyrene-d10	40	20.32	51		10	130
			Benzo(a)pyrene-d12	40	21.98	55		10	140
P3898-04	DDC15	BN033900.D	1,4-Dioxane-d8	8	3.04	38		15	120
			Pyridine-d5	40	12.51	31		20	120
			Phenol-d5	40	14.09	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.22	36		10	150
			2-Chlorophenol-d4	40	14.62	37		15	120
			4-Methylphenol-d8	40	13.37	33		10	140
			Nitrobenzene-d5	40	14.64	37		10	135
			2-Nitrophenol-d4	40	14.05	35		10	120
			2,4-Dichlorophenol-d3	40	14.01	35		10	140
			4-Chloroaniline-d4	40	13.67	34		1	145
			Dimethylphthalate-d6	40	15.50	39		10	145
			Acenaphthylene-d8	40	15.29	38		15	120
			4-Nitrophenol-d4	40	10.68	27		10	150
			Fluorene-d10	40	15.44	39		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.42	21		10	130
			Anthracene-d10	40	16.13	40		10	150
			Pyrene-d10	40	15.37	38		10	130
			Benzo(a)pyrene-d12	40	16.12	40		10	140
P3898-05	DDC16	BN033901.D	1,4-Dioxane-d8	8	2.99	37		15	120
			Pyridine-d5	40	12.50	31		20	120
			Phenol-d5	40	13.69	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.07	35		10	150
			2-Chlorophenol-d4	40	14.40	36		15	120
			4-Methylphenol-d8	40	13.24	33		10	140
			Nitrobenzene-d5	40	14.40	36		10	135
			2-Nitrophenol-d4	40	13.85	35		10	120
			2,4-Dichlorophenol-d3	40	14.35	36		10	140
			4-Chloroaniline-d4	40	14.33	36		1	145
			Dimethylphthalate-d6	40	16.67	42		10	145
			Acenaphthylene-d8	40	15.51	39		15	120
			4-Nitrophenol-d4	40	10.31	26		10	150

Surrogate Summary

SW-846

SDG No.: BN091324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3898-05	DDC16	BN033901.D	Fluorene-d10	40	16.27	41		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.85	17		10	130
			Anthracene-d10	40	17.61	44		10	150
			Pyrene-d10	40	16.72	42		10	130
			Benzo(a)pyrene-d12	40	17.92	45		10	140
P3898-06	DDC31	BN033902.D	1,4-Dioxane-d8	8	3.42	43		15	120
			Pyridine-d5	40	15.41	39		20	120
			Phenol-d5	40	17.02	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.28	43		10	150
			2-Chlorophenol-d4	40	17.48	44		15	120
			4-Methylphenol-d8	40	17.18	43		10	140
			Nitrobenzene-d5	40	18.74	47		10	135
			2-Nitrophenol-d4	40	18.88	47		10	120
			2,4-Dichlorophenol-d3	40	18.55	46		10	140
			4-Chloroaniline-d4	40	18.28	46		1	145
			Dimethylphthalate-d6	40	20.79	52		10	145
			Acenaphthylene-d8	40	20.74	52		15	120
			4-Nitrophenol-d4	40	16.58	41		10	150
			Fluorene-d10	40	21.06	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.71	32		10	130
			Anthracene-d10	40	21.55	54		10	150
			Pyrene-d10	40	21.18	53		10	130
			Benzo(a)pyrene-d12	40	22.39	56		10	140
P3898-07	DDC57	BN033903.D	1,4-Dioxane-d8	8	2.81	35		15	120
			Pyridine-d5	40	13.36	33		20	120
			Phenol-d5	40	14.05	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.38	36		10	150
			2-Chlorophenol-d4	40	14.89	37		15	120
			4-Methylphenol-d8	40	13.63	34		10	140
			Nitrobenzene-d5	40	15.49	39		10	135
			2-Nitrophenol-d4	40	15.61	39		10	120
			2,4-Dichlorophenol-d3	40	15.18	38		10	140
			4-Chloroaniline-d4	40	14.55	36		1	145
			Dimethylphthalate-d6	40	16.34	41		10	145
			Acenaphthylene-d8	40	16.42	41		15	120
			4-Nitrophenol-d4	40	12.46	31		10	150
			Fluorene-d10	40	17.17	43		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.41	31		10	130
			Anthracene-d10	40	16.97	42		10	150
			Pyrene-d10	40	17.18	43		10	130
			Benzo(a)pyrene-d12	40	17.36	43		10	140
P3898-11	DDC62	BN033904.D	1,4-Dioxane-d8	8	3.11	39		15	120
			Pyridine-d5	40	12.40	31		20	120
			Phenol-d5	40	15.88	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.95	40		10	150
			2-Chlorophenol-d4	40	16.42	41		15	120
			4-Methylphenol-d8	40	15.98	40		10	140
			Nitrobenzene-d5	40	17.09	43		10	135
			2-Nitrophenol-d4	40	17.01	43		10	120

Surrogate Summary

SW-846

SDG No.: BN091324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3898-11	DDC62	BN033904.D	2,4-Dichlorophenol-d3	40	16.74	42		10	140
			4-Chloroaniline-d4	40	16.26	41		1	145
			Dimethylphthalate-d6	40	18.93	47		10	145
			Acenaphthylene-d8	40	18.70	47		15	120
			4-Nitrophenol-d4	40	13.47	34		10	150
			Fluorene-d10	40	19.25	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.53	29		10	130
			Anthracene-d10	40	20.69	52		10	150
			Pyrene-d10	40	19.30	48		10	130
			Benzo(a)pyrene-d12	40	20.93	52		10	140
P3898-12	DDC77	BN033905.D	1,4-Dioxane-d8	8	2.97	37		15	120
			Pyridine-d5	40	14.23	36		20	120
			Phenol-d5	40	16.94	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.40	41		10	150
			2-Chlorophenol-d4	40	17.40	44		15	120
			4-Methylphenol-d8	40	16.50	41		10	140
			Nitrobenzene-d5	40	16.79	42		10	135
			2-Nitrophenol-d4	40	17.92	45		10	120
			2,4-Dichlorophenol-d3	40	17.99	45		10	140
			4-Chloroaniline-d4	40	12.44	31		1	145
			Dimethylphthalate-d6	40	16.86	42		10	145
			Acenaphthylene-d8	40	17.64	44		15	120
			4-Nitrophenol-d4	40	14.82	37		10	150
			Fluorene-d10	40	17.49	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.09	33		10	130
			Anthracene-d10	40	17.60	44		10	150
			Pyrene-d10	40	17.69	44		10	130
			Benzo(a)pyrene-d12	40	17.62	44		10	140
P3898-14	DDC79	BN033906.D	1,4-Dioxane-d8	8	3.11	39		15	120
			Pyridine-d5	40	13.99	35		20	120
			Phenol-d5	40	14.60	36		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.82	37		10	150
			2-Chlorophenol-d4	40	15.44	39		15	120
			4-Methylphenol-d8	40	14.45	36		10	140
			Nitrobenzene-d5	40	16.08	40		10	135
			2-Nitrophenol-d4	40	16.19	40		10	120
			2,4-Dichlorophenol-d3	40	15.27	38		10	140
			4-Chloroaniline-d4	40	15.24	38		1	145
			Dimethylphthalate-d6	40	17.69	44		10	145
			Acenaphthylene-d8	40	17.03	43		15	120
			4-Nitrophenol-d4	40	13.28	33		10	150
			Fluorene-d10	40	17.37	43		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.50	24		10	130
			Anthracene-d10	40	17.77	44		10	150
			Pyrene-d10	40	18.39	46		10	130
			Benzo(a)pyrene-d12	40	18.00	45		10	140
P3898-15	DDC88	BN033907.D	1,4-Dioxane-d8	8	2.35	29		15	120
			Pyridine-d5	40	8.48	21		20	120
			Phenol-d5	40	12.79	32		10	130

Surrogate Summary

SW-846

SDG No.: BN091324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3898-15	DDC88	BN033907.D	Bis(2-Chloroethyl)ether-d8	40	12.08	30		10	150
			2-Chlorophenol-d4	40	12.91	32		15	120
			4-Methylphenol-d8	40	12.78	32		10	140
			Nitrobenzene-d5	40	12.86	32		10	135
			2-Nitrophenol-d4	40	13.46	34		10	120
			2,4-Dichlorophenol-d3	40	13.52	34		10	140
			4-Chloroaniline-d4	40	9.48	24		1	145
			Dimethylphthalate-d6	40	13.26	33		10	145
			Acenaphthylene-d8	40	13.31	33		15	120
			4-Nitrophenol-d4	40	12.05	30		10	150
			Fluorene-d10	40	13.58	34		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.72	27		10	130
			Anthracene-d10	40	13.82	35		10	150
			Pyrene-d10	40	14.33	36		10	130
			Benzo(a)pyrene-d12	40	13.89	35		10	140
P3898-16	DDC89	BN033908.D	1,4-Dioxane-d8	8	3.00	38		15	120
			Pyridine-d5	40	9.56	24		20	120
			Phenol-d5	40	17.29	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.63	42		10	150
			2-Chlorophenol-d4	40	17.59	44		15	120
			4-Methylphenol-d8	40	17.10	43		10	140
			Nitrobenzene-d5	40	18.12	45		10	135
			2-Nitrophenol-d4	40	19.15	48		10	120
			2,4-Dichlorophenol-d3	40	18.31	46		10	140
			4-Chloroaniline-d4	40	12.42	31		1	145
			Dimethylphthalate-d6	40	19.35	48		10	145
			Acenaphthylene-d8	40	19.38	48		15	120
			4-Nitrophenol-d4	40	17.30	43		10	150
			Fluorene-d10	40	19.54	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.54	41		10	130
			Anthracene-d10	40	19.75	49		10	150
			Pyrene-d10	40	20.01	50		10	130
P3898-18	DDC91	BN033909.D	Benzo(a)pyrene-d12	40	20.43	51		10	140
			1,4-Dioxane-d8	8	3.17	40		15	120
			Pyridine-d5	40	12.56	31		20	120
			Phenol-d5	40	16.73	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.43	41		10	150
			2-Chlorophenol-d4	40	17.13	43		15	120
			4-Methylphenol-d8	40	16.67	42		10	140
			Nitrobenzene-d5	40	17.79	44		10	135
			2-Nitrophenol-d4	40	18.48	46		10	120
			2,4-Dichlorophenol-d3	40	17.55	44		10	140
			4-Chloroaniline-d4	40	15.77	39		1	145
			Dimethylphthalate-d6	40	19.22	48		10	145
			Acenaphthylene-d8	40	18.84	47		15	120
			4-Nitrophenol-d4	40	16.48	41		10	150
			Fluorene-d10	40	19.03	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.56	34		10	130
			Anthracene-d10	40	19.23	48		10	150

Surrogate Summary

SW-846

SDG No.: BN091324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3898-18	DDC91	BN033909.D	Pyrene-d10	40	19.41	49		10	130
			Benzo(a)pyrene-d12	40	20.20	50		10	140
PB163308BL	PB163308BL	BN033898.D	Pyridine-d5	40	21.39	53		20	120
			1,4-Dioxane-d8	8	5.11	64		15	120
			Phenol-d5	40	21.47	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.17	55		10	150
			2-Chlorophenol-d4	40	22.62	57		15	120
			4-Methylphenol-d8	40	20.42	51		10	140
			Nitrobenzene-d5	40	23.84	60		10	135
			2-Nitrophenol-d4	40	23.84	60		10	120
			2,4-Dichlorophenol-d3	40	22.00	55		10	140
			4-Chloroaniline-d4	40	19.88	50		1	145
			Dimethylphthalate-d6	40	23.49	59		10	145
			Acenaphthylene-d8	40	23.23	58		15	120
			4-Nitrophenol-d4	40	20.30	51		10	150
			Fluorene-d10	40	23.05	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.81	42		10	130
			Anthracene-d10	40	24.14	60		10	150
			Pyrene-d10	40	23.24	58		10	130
			Benzo(a)pyrene-d12	40	23.44	59		10	140
PB163308BS	PB163308BS	BN033910.D	1,4-Dioxane-d8	8	6.40	80		15	120
			Pyridine-d5	40	24.35	61		20	120
			Phenol-d5	40	24.47	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.33	61		10	150
			2-Chlorophenol-d4	40	25.31	63		15	120
			4-Methylphenol-d8	40	23.43	59		10	140
			Nitrobenzene-d5	40	27.14	68		10	135
			2-Nitrophenol-d4	40	27.81	70		10	120
			2,4-Dichlorophenol-d3	40	26.52	66		10	140
			4-Chloroaniline-d4	40	22.47	56		1	145
			Dimethylphthalate-d6	40	25.96	65		10	145
			Acenaphthylene-d8	40	26.41	66		15	120
			4-Nitrophenol-d4	40	26.40	66		10	150
			Fluorene-d10	40	25.90	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.61	64		10	130
			Anthracene-d10	40	26.07	65		10	150
			Pyrene-d10	40	26.56	66		10	130
			Benzo(a)pyrene-d12	40	26.61	67		10	140

Surrogate Summary

SW-846

SDG No.: BN091324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3922-12	C0AN6	BN033892.D	1,4-Dioxane-d8	8	4.31	54		15	120
			Pyridine-d5	40	4.29	11	*	20	120
			Phenol-d5	40	8.67	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.01	55		25	120
			2-Chlorophenol-d4	40	22.58	56		20	130
			4-Methylphenol-d8	40	16.17	40		25	125
			Nitrobenzene-d5	40	23.09	58		20	125
			2-Nitrophenol-d4	40	23.61	59		20	130
			2,4-Dichlorophenol-d3	40	23.12	58		20	120
			4-Chloroaniline-d4	40	13.35	33		1	146
			Dimethylphthalate-d6	40	25.11	63		25	130
			Acenaphthylene-d8	40	23.83	60		10	130
			4-Nitrophenol-d4	40	7.38	18		10	150
			Fluorene-d10	40	24.58	61		25	125
			4,6-Dinitro-2-methylphenol-d2	40	19.79	49		10	130
			Anthracene-d10	40	25.23	63		25	130
			Pyrene-d10	40	24.85	62		15	130
			Benzo(a)pyrene-d12	40	25.74	64		20	130
P3922-14	C0AQ1	BN033895.D	1,4-Dioxane-d8	8	5.65	71		15	120
			Pyridine-d5	40	1.84	5	*	20	120
			Phenol-d5	40	8.44	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.94	62		25	120
			2-Chlorophenol-d4	40	25.09	63		20	130
			4-Methylphenol-d8	40	17.25	43		25	125
			Nitrobenzene-d5	40	26.37	66		20	125
			2-Nitrophenol-d4	40	27.04	68		20	130
			2,4-Dichlorophenol-d3	40	25.48	64		20	120
			4-Chloroaniline-d4	40	2.08	5		1	146
			Dimethylphthalate-d6	40	27.88	70		25	130
			Acenaphthylene-d8	40	26.42	66		10	130
			4-Nitrophenol-d4	40	7.25	18		10	150
			Fluorene-d10	40	27.09	68		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.25	53		10	130
			Anthracene-d10	40	29.80	75		25	130
			Pyrene-d10	40	28.33	71		15	130
			Benzo(a)pyrene-d12	40	30.32	76		20	130
P3922-15	C0AQ9	BN033896.D	1,4-Dioxane-d8	8	4.74	59		15	120
			Pyridine-d5	40	2.99	7	*	20	120
			Phenol-d5	40	7.00	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.63	69		25	120
			2-Chlorophenol-d4	40	25.78	64		20	130
			4-Methylphenol-d8	40	15.89	40		25	125
			Nitrobenzene-d5	40	29.97	75		20	125
			2-Nitrophenol-d4	40	29.99	75		20	130
			2,4-Dichlorophenol-d3	40	28.09	70		20	120
			4-Chloroaniline-d4	40	14.67	37		1	146
			Dimethylphthalate-d6	40	29.05	73		25	130
			Acenaphthylene-d8	40	28.66	72		10	130
			4-Nitrophenol-d4	40	5.97	15		10	150

Surrogate Summary

SW-846

SDG No.: BN091324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3922-15	C0AQ9	BN033896.D	Fluorene-d10	40	28.68	72		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.19	55		10	130
			Anthracene-d10	40	31.59	79		25	130
			Pyrene-d10	40	31.56	79		15	130
			Benzo(a)pyrene-d12	40	32.93	82		20	130
P3922-16	C0AR3	BN033893.D	1,4-Dioxane-d8	8	5.38	67		15	120
			Pyridine-d5	40	9.63	24		20	120
			Phenol-d5	40	10.21	26		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.72	69		25	120
			2-Chlorophenol-d4	40	27.86	70		20	130
			4-Methylphenol-d8	40	20.58	51		25	125
			Nitrobenzene-d5	40	30.25	76		20	125
			2-Nitrophenol-d4	40	31.32	78		20	130
			2,4-Dichlorophenol-d3	40	30.05	75		20	120
			4-Chloroaniline-d4	40	13.47	34		1	146
			Dimethylphthalate-d6	40	32.27	81		25	130
			Acenaphthylene-d8	40	30.87	77		10	130
			4-Nitrophenol-d4	40	11.41	29		10	150
			Fluorene-d10	40	31.11	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.49	76		10	130
			Anthracene-d10	40	34.64	87		25	130
			Pyrene-d10	40	33.71	84		15	130
			Benzo(a)pyrene-d12	40	36.01	90		20	130
			1,4-Dioxane-d8	8	5.11	64	*	15	120
			Pyridine-d5	40	7.64	19		20	120
P3922-17	C0AR5	BN033894.D	Phenol-d5	40	6.37	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.33	76		25	120
			2-Chlorophenol-d4	40	26.12	65		20	130
			4-Methylphenol-d8	40	15.14	38		25	125
			Nitrobenzene-d5	40	33.95	85		20	125
			2-Nitrophenol-d4	40	34.78	87		20	130
			2,4-Dichlorophenol-d3	40	31.52	79		20	120
			4-Chloroaniline-d4	40	21.93	55		1	146
			Dimethylphthalate-d6	40	34.88	87		25	130
			Acenaphthylene-d8	40	33.46	84		10	130
			4-Nitrophenol-d4	40	6.50	16		10	150
			Fluorene-d10	40	33.75	84		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.32	78		10	130
			Anthracene-d10	40	35.99	90		25	130
			Pyrene-d10	40	35.40	88		15	130
			Benzo(a)pyrene-d12	40	37.71	94		20	130
PB163351BL	PB163351BL	BN033890.D	1,4-Dioxane-d8	8	6.73	84		15	120
			Pyridine-d5	40	27.39	68		20	120
			Phenol-d5	40	26.56	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.45	69		25	120
			2-Chlorophenol-d4	40	27.79	69		20	130
			4-Methylphenol-d8	40	24.77	62		25	125
			Nitrobenzene-d5	40	29.05	73		20	125
			2-Nitrophenol-d4	40	28.97	72		20	130

Surrogate Summary

SW-846

SDG No.: BN091324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163351BL	PB163351BL	BN033890.D	2,4-Dichlorophenol-d3	40	26.98	67		20	120
			4-Chloroaniline-d4	40	24.35	61		1	146
			Dimethylphthalate-d6	40	28.65	72		25	130
			Acenaphthylene-d8	40	28.40	71		10	130
			4-Nitrophenol-d4	40	24.98	62		10	150
			Fluorene-d10	40	28.81	72		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.20	58		10	130
			Anthracene-d10	40	30.22	76		25	130
			Pyrene-d10	40	29.33	73		15	130
			Benzo(a)pyrene-d12	40	30.64	77		20	130
			1,4-Dioxane-d8	8	7.48	93		15	120
			Pyridine-d5	40	29.43	74		20	120
			Phenol-d5	40	30.11	75		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.39	76		25	120
PB163351BS	PB163351BS	BN033891.D	2-Chlorophenol-d4	40	31.45	79		20	130
			4-Methylphenol-d8	40	29.03	73		25	125
			Nitrobenzene-d5	40	33.24	83		20	125
			2-Nitrophenol-d4	40	33.49	84		20	130
			2,4-Dichlorophenol-d3	40	33.02	83		20	120
			4-Chloroaniline-d4	40	27.59	69		1	146
			Dimethylphthalate-d6	40	32.32	81		25	130
			Acenaphthylene-d8	40	32.52	81		10	130
			4-Nitrophenol-d4	40	32.00	80		10	150
			Fluorene-d10	40	32.88	82		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.26	81		10	130
			Anthracene-d10	40	32.65	82		25	130
			Pyrene-d10	40	32.65	82		15	130
			Benzo(a)pyrene-d12	40	33.15	83		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN091324

Lab Code: CHEM

SAS No.: BN091324 SDG NO.: BN091324

Lab File ID: BN033888.D

DFTPP Injection Date: 09/13/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:18

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.8
68	Less than 2.0% of mass 69	0.8 (1.9) 1
69	Mass 69 relative abundance	43
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	51.4
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	26.5
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	11
442	Greater than 50% of mass 198	70.6
443	15.0 - 24.0% of mass 442	14.4 (20.4) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020318	SSTDCCC020	BN033889.D	09/13/2024	09:00
SBLK351	PB163351BL	BN033890.D	09/13/2024	09:42
SLCS351	PB163351BS	BN033891.D	09/13/2024	10:21
C0AN6	P3922-12	BN033892.D	09/13/2024	11:00
C0AR3	P3922-16	BN033893.D	09/13/2024	11:40
C0AR5	P3922-17	BN033894.D	09/13/2024	12:19
C0AQ1	P3922-14	BN033895.D	09/13/2024	12:58
C0AQ9	P3922-15	BN033896.D	09/13/2024	13:38
SSTD020319	SSTDCCC020	BN033897.D	09/13/2024	15:08
SBLK308	PB163308BL	BN033898.D	09/13/2024	15:47
DDC06	P3898-01	BN033899.D	09/13/2024	16:26
DDC15	P3898-04	BN033900.D	09/13/2024	17:06
DDC16	P3898-05	BN033901.D	09/13/2024	17:45
DDC31	P3898-06	BN033902.D	09/13/2024	18:25
DDC57	P3898-07	BN033903.D	09/13/2024	19:04
DDC62	P3898-11	BN033904.D	09/13/2024	19:43
DDC77	P3898-12	BN033905.D	09/13/2024	20:23
DDC79	P3898-14	BN033906.D	09/13/2024	21:02

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN091324

Lab Code: CHEM

SAS No.: BN091324 SDG NO.: BN091324

Lab File ID: BN033888.D

DFTPP Injection Date: 09/13/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:18

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.8
68	Less than 2.0% of mass 69	0.8 (1.9) 1
69	Mass 69 relative abundance	43
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	51.4
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	26.5
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	11
442	Greater than 50% of mass 198	70.6
443	15.0 - 24.0% of mass 442	14.4 (20.4) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
DDC88	P3898-15	BN033907.D	09/13/2024	21:41
DDC89	P3898-16	BN033908.D	09/13/2024	22:21
DDC91	P3898-18	BN033909.D	09/13/2024	23:00
SLCS308	PB163308BS	BN033910.D	09/13/2024	23:39
SSTD020320	SSTDCCC020EC	BN033911.D	09/14/2024	00:58