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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/4/2024 1: 10:16

Lab File ID: BP022821.D Init. Calib. Date(s):

EPA Sample No.: SSTD020697 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.553	0.546	0.010	-1.4205	40.0
Benzaldehyde	0.910	0.925	0.010	1.6592	40.0
Pyridine	1.449	1.467	0.010	1.2429	40.0
Phenol	1.752	1.722	0.080	-1.714	20.0
Bis(2-Chloroethyl)ether	1.311	1.276	0.100	-2.6763	20.0
2-Chlorophenol	1.235	1.273	0.200	3.0283	20.0
2-Methylphenol	1.271	1.247	0.010	-1.8941	20.0
2,2-oxybis(1-Chloropropane)	1.524	1.438	0.010	-5.6395	40.0
Acetophenone	2.218	2.280	0.060	2.7932	20.0
4-Methylphenol	1.410	1.404	0.010	-0.4144	20.0
N-Nitroso-di-n-propylamine	1.124	1.123	0.050	-0.0759	30.0
Hexachloroethane	0.575	0.596	0.100	3.6319	20.0
Nitrobenzene	0.459	0.477	0.050	3.8538	25.0
Isophorone	0.823	0.784	0.050	-4.7139	25.0
2-Nitrophenol	0.192	0.198	0.050	3.2675	25.0
2,4-Dimethylphenol	0.417	0.449	0.050	7.604	25.0
Bis(2-Chloroethoxy)methane	0.467	0.449	0.050	-3.8268	20.0
2,4-Dichlorophenol	0.373	0.408	0.060	9.4966	20.0
Naphthalene	1.065	1.150	0.200	7.9633	20.0
4-Chloroaniline	0.441	0.458	0.010	3.7366	40.0
Hexachlorobutadiene	0.314	0.347	0.040	10.5102	30.0
Caprolactam	0.120	0.113	0.010	-6.312	40.0
4-Chloro-3-methylphenol	0.407	0.439	0.040	8.0089	25.0
1-Methylnaphthalene	0.798	0.841	0.100	5.3169	20.0
2-Methylnaphthalene	0.782	0.844	0.100	7.8714	20.0
Hexachlorocyclopentadiene	0.451	0.378	0.010	-16.0532	40.0
2,4,6-Trichlorophenol	0.465	0.499	0.090	7.344	25.0
2,4,5-Trichlorophenol	0.495	0.543	0.100	9.6422	25.0
1,1-Biphenyl	1.442	1.535	0.200	6.4861	20.0
2-Chloronaphthalene	1.180	1.289	0.300	9.2199	20.0
2-Nitroaniline	0.352	0.357	0.050	1.3991	40.0
Dimethylphthalate	1.583	1.635	0.300	3.2402	20.0
2,6-Dinitrotoluene	0.299	0.321	0.080	7.0481	30.0
Acenaphthylene	1.752	1.847	0.400	5.4323	20.0
3-Nitroaniline	0.281	0.263	0.010	-6.6364	40.0
Acenaphthene	1.239	1.329	0.200	7.2655	20.0
2,4-Dinitrophenol	0.220	0.176	0.010	-20.1225	40.0
4-Nitrophenol	0.296	0.280	0.010	-5.498	40.0
Dibenzofuran	1.861	2.100	0.300	12.8853	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/4/2024 12 10:16

Lab File ID: BP022821.D Init. Calib. Date(s):

EPA Sample No.: SSTD020697 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.465	0.524	0.070	12.5463	30.0
Diethylphthalate	1.519	1.606	0.300	5.7078	20.0
Fluorene	1.516	1.714	0.200	13.0418	20.0
4-Chlorophenyl-phenylether	0.867	0.989	0.100	14.085	20.0
4-Nitroaniline	0.283	0.278	0.010	-1.8335	40.0
4,6-Dinitro-2-methylphenol	0.142	0.121	0.010	-14.5667	40.0
N-Nitrosodiphenylamine	0.536	0.547	0.050	2.2155	20.0
1,2,4,5-Tetrachlorobenzene	0.740	0.803	0.100	8.6273	20.0
4-Bromophenyl-phenylether	0.241	0.267	0.070	10.7488	20.0
Hexachlorobenzene	0.297	0.322	0.050	8.5645	25.0
Atrazine	0.223	0.229	0.010	3.0846	25.0
Pentachlorophenol	0.191	0.189	0.010	-0.8299	40.0
Phenanthrene	1.070	1.117	0.200	4.3925	20.0
Pentachlorobenzene	0.337	0.355	0.050	5.4684	20.0
Anthracene	1.068	1.157	0.200	8.3632	20.0
1,2,3,4-Tetrachlorobenzene	0.305	0.304	0.050	-0.0804	20.0
Carbazole	0.945	0.979	0.050	3.5752	40.0
Di-n-butylphthalate	1.045	1.069	0.500	2.2575	25.0
Fluoranthene	1.216	1.288	0.400	5.9023	25.0
Pyrene	1.303	1.369	0.400	5.0503	25.0
Butylbenzylphthalate	0.454	0.449	0.100	-0.9569	40.0
3,3-Dichlorobenzidine	0.477	0.487	0.010	2.2305	40.0
Benzo(a)anthracene	1.402	1.451	0.300	3.5135	30.0
Chrysene	1.300	1.380	0.200	6.1718	30.0
Bis(2-ethylhexyl)phthalate	0.651	0.638	0.200	-2.1117	40.0
Di-n-octyl phthalate	0.951	0.917	0.010	-3.5905	40.0
Benzo(b)fluoranthene	1.259	1.369	0.200	8.7248	25.0
Benzo(k)fluoranthene	1.233	1.306	0.200	5.9267	25.0
Benzo(a)pyrene	1.159	1.239	0.200	6.9641	20.0
Indeno(1,2,3-cd)pyrene	1.546	1.611	0.200	4.1828	25.0
Dibenzo(a,h)anthracene	1.252	1.295	0.200	3.3985	30.0
Benzo(g,h,i)perylene	1.203	1.217	0.200	1.1522	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.525	0.040	13.6666	20.0
1,4-Dioxane-d8	0.515	0.487	0.010	-5.366	25.0
Pyridine-d5	1.413	1.423	0.010	0.7057	40.0
Phenol-d5	1.684	1.631	0.010	-3.0962	25.0
Bis-(2-Chloroethyl)ether-d8	0.989	0.960	0.050	-3.0028	25.0
2-Chlorophenol-d4	1.195	1.249	0.200	4.5493	20.0
4-Methylphenol-d8	1.344	1.342	0.010	-0.124	20.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/4/2024 12 10:16

Lab File ID: BP022821.D Init. Calib. Date(s):

EPA Sample No.: SSTD020697 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.162	0.050	5.5857	20.0
2-Nitrophenol-d4	0.178	0.190	0.050	6.4393	30.0
2,4-Dichlorophenol-d3	0.378	0.424	0.060	12.0384	20.0
4-Chloroaniline-d4	0.447	0.456	0.010	1.967	40.0
Dimethylphthalate-d6	1.589	1.651	0.300	3.9226	20.0
Acenaphthylene-d8	1.688	1.816	0.400	7.5886	20.0
4-Nitrophenol-d4	0.267	0.220	0.010	-17.2955	40.0
Fluorene-d10	1.378	1.522	0.100	10.461	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.109	0.010	-17.2863	40.0
Anthracene-d10	0.941	1.006	0.300	6.9017	20.0
Pyrene-d10	1.058	1.125	0.300	6.3663	25.0
Benzo(a)pyrene-d12	1.068	1.141	0.010	6.8421	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/4/2024 12 16:19

Lab File ID: BP022829.D Init. Calib. Date(s):

EPA Sample No.: SSTD020698 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.553	0.484	0.010	-12.5041	40.0
Benzaldehyde	0.910	0.922	0.010	1.3708	40.0
Pyridine	1.449	1.364	0.010	-5.8181	40.0
Phenol	1.752	1.746	0.080	-0.3448	20.0
Bis(2-Chloroethyl)ether	1.311	1.289	0.100	-1.6564	20.0
2-Chlorophenol	1.235	1.318	0.200	6.7217	20.0
2-Methylphenol	1.271	1.292	0.010	1.6047	20.0
2,2-oxybis(1-Chloropropane)	1.524	1.470	0.010	-3.5333	40.0
Acetophenone	2.218	2.264	0.060	2.0806	20.0
4-Methylphenol	1.410	1.424	0.010	0.9677	20.0
N-Nitroso-di-n-propylamine	1.124	1.121	0.050	-0.2908	30.0
Hexachloroethane	0.575	0.582	0.100	1.0847	20.0
Nitrobenzene	0.459	0.469	0.050	2.1125	25.0
Isophorone	0.823	0.832	0.050	1.1026	25.0
2-Nitrophenol	0.192	0.208	0.050	8.166	25.0
2,4-Dimethylphenol	0.417	0.452	0.050	8.458	25.0
Bis(2-Chloroethoxy)methane	0.467	0.471	0.050	0.7281	20.0
2,4-Dichlorophenol	0.373	0.420	0.060	12.6837	20.0
Naphthalene	1.065	1.151	0.200	8.081	20.0
4-Chloroaniline	0.441	0.451	0.010	2.1038	40.0
Hexachlorobutadiene	0.314	0.346	0.040	10.2198	30.0
Caprolactam	0.120	0.114	0.010	-4.9921	40.0
4-Chloro-3-methylphenol	0.407	0.445	0.040	9.4001	25.0
1-Methylnaphthalene	0.798	0.876	0.100	9.7165	20.0
2-Methylnaphthalene	0.782	0.859	0.100	9.9135	20.0
Hexachlorocyclopentadiene	0.451	0.398	0.010	-11.5567	40.0
2,4,6-Trichlorophenol	0.465	0.515	0.090	10.7264	25.0
2,4,5-Trichlorophenol	0.495	0.553	0.100	11.7307	25.0
1,1-Biphenyl	1.442	1.547	0.200	7.3464	20.0
2-Chloronaphthalene	1.180	1.281	0.300	8.5366	20.0
2-Nitroaniline	0.352	0.353	0.050	0.1209	40.0
Dimethylphthalate	1.583	1.643	0.300	3.7342	20.0
2,6-Dinitrotoluene	0.299	0.328	0.080	9.5845	30.0
Acenaphthylene	1.752	1.874	0.400	6.959	20.0
3-Nitroaniline	0.281	0.267	0.010	-5.1571	40.0
Acenaphthene	1.239	1.346	0.200	8.6882	20.0
2,4-Dinitrophenol	0.220	0.187	0.010	-15.179	40.0
4-Nitrophenol	0.296	0.259	0.010	-12.3346	40.0
Dibenzofuran	1.861	2.032	0.300	9.2361	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/4/2024 12 16:19

Lab File ID: BP022829.D Init. Calib. Date(s):

EPA Sample No.: SSTD020698 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.465	0.526	0.070	13.0386	30.0
Diethylphthalate	1.519	1.600	0.300	5.315	20.0
Fluorene	1.516	1.629	0.200	7.4603	20.0
4-Chlorophenyl-phenylether	0.867	0.951	0.100	9.7195	20.0
4-Nitroaniline	0.283	0.279	0.010	-1.509	40.0
4,6-Dinitro-2-methylphenol	0.142	0.129	0.010	-9.2775	40.0
N-Nitrosodiphenylamine	0.536	0.559	0.050	4.3039	20.0
1,2,4,5-Tetrachlorobenzene	0.740	0.811	0.100	9.6162	20.0
4-Bromophenyl-phenylether	0.241	0.263	0.070	8.995	20.0
Hexachlorobenzene	0.297	0.330	0.050	11.1198	25.0
Atrazine	0.223	0.235	0.010	5.6773	25.0
Pentachlorophenol	0.191	0.197	0.010	3.1424	40.0
Phenanthrene	1.070	1.105	0.200	3.2766	20.0
Pentachlorobenzene	0.337	0.366	0.050	8.7351	20.0
Anthracene	1.068	1.127	0.200	5.5202	20.0
1,2,3,4-Tetrachlorobenzene	0.305	0.327	0.050	7.3014	20.0
Carbazole	0.945	0.959	0.050	1.4862	40.0
Di-n-butylphthalate	1.045	1.079	0.500	3.2312	25.0
Fluoranthene	1.216	1.336	0.400	9.8604	25.0
Pyrene	1.303	1.392	0.400	6.7795	25.0
Butylbenzylphthalate	0.454	0.469	0.100	3.4651	40.0
3,3-Dichlorobenzidine	0.477	0.488	0.010	2.4151	40.0
Benzo(a)anthracene	1.402	1.439	0.300	2.6262	30.0
Chrysene	1.300	1.332	0.200	2.4485	30.0
Bis(2-ethylhexyl)phthalate	0.651	0.648	0.200	-0.5581	40.0
Di-n-octyl phthalate	0.951	0.964	0.010	1.3411	40.0
Benzo(b)fluoranthene	1.259	1.323	0.200	5.121	25.0
Benzo(k)fluoranthene	1.233	1.323	0.200	7.349	25.0
Benzo(a)pyrene	1.159	1.202	0.200	3.7714	20.0
Indeno(1,2,3-cd)pyrene	1.546	1.591	0.200	2.8681	25.0
Dibenzo(a,h)anthracene	1.252	1.283	0.200	2.4876	30.0
Benzo(g,h,i)perylene	1.203	1.221	0.200	1.529	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.518	0.040	11.9662	20.0
1,4-Dioxane-d8	0.515	0.441	0.010	-14.4059	25.0
Pyridine-d5	1.413	1.345	0.010	-4.7843	40.0
Phenol-d5	1.684	1.645	0.010	-2.3028	25.0
Bis-(2-Chloroethyl)ether-d8	0.989	0.956	0.050	-3.3788	25.0
2-Chlorophenol-d4	1.195	1.267	0.200	6.0729	20.0
4-Methylphenol-d8	1.344	1.344	0.010	0.0029	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/4/2024 12 16:19

Lab File ID: BP022829.D Init. Calib. Date(s):

EPA Sample No.: SSTD020698 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.163	0.050	5.9256	20.0
2-Nitrophenol-d4	0.178	0.197	0.050	10.5244	30.0
2,4-Dichlorophenol-d3	0.378	0.420	0.060	11.0725	20.0
4-Chloroaniline-d4	0.447	0.457	0.010	2.2603	40.0
Dimethylphthalate-d6	1.589	1.643	0.300	3.3889	20.0
Acenaphthylene-d8	1.688	1.820	0.400	7.8107	20.0
4-Nitrophenol-d4	0.267	0.231	0.010	-13.3021	40.0
Fluorene-d10	1.378	1.505	0.100	9.2032	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.116	0.010	-11.8219	40.0
Anthracene-d10	0.941	1.009	0.300	7.2273	20.0
Pyrene-d10	1.058	1.139	0.300	7.6966	25.0
Benzo(a)pyrene-d12	1.068	1.147	0.010	7.3419	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/5/2024 12 03:07

Lab File ID: BP022844.D Init. Calib. Date(s):

EPA Sample No.: SSTD020699 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.553	0.464	0.010	-16.1842	40.0
Benzaldehyde	0.910	0.891	0.010	-2.049	40.0
Pyridine	1.449	1.311	0.010	-9.4894	40.0
Phenol	1.752	1.644	0.080	-6.1643	20.0
Bis(2-Chloroethyl)ether	1.311	1.307	0.100	-0.2616	20.0
2-Chlorophenol	1.235	1.243	0.200	0.6138	20.0
2-Methylphenol	1.271	1.222	0.010	-3.8326	20.0
2,2-oxybis(1-Chloropropane)	1.524	1.502	0.010	-1.4075	40.0
Acetophenone	2.218	2.235	0.060	0.7635	20.0
4-Methylphenol	1.410	1.370	0.010	-2.8277	20.0
N-Nitroso-di-n-propylamine	1.124	1.156	0.050	2.9021	30.0
Hexachloroethane	0.575	0.592	0.100	2.9736	20.0
Nitrobenzene	0.459	0.455	0.050	-0.7935	25.0
Isophorone	0.823	0.837	0.050	1.7446	25.0
2-Nitrophenol	0.192	0.209	0.050	8.7645	25.0
2,4-Dimethylphenol	0.417	0.453	0.050	8.6773	25.0
Bis(2-Chloroethoxy)methane	0.467	0.478	0.050	2.2426	20.0
2,4-Dichlorophenol	0.373	0.412	0.060	10.6282	20.0
Naphthalene	1.065	1.142	0.200	7.237	20.0
4-Chloroaniline	0.441	0.457	0.010	3.548	40.0
Hexachlorobutadiene	0.314	0.360	0.040	14.562	30.0
Caprolactam	0.120	0.113	0.010	-5.6126	40.0
4-Chloro-3-methylphenol	0.407	0.447	0.040	10.0542	25.0
1-Methylnaphthalene	0.798	0.863	0.100	8.0903	20.0
2-Methylnaphthalene	0.782	0.849	0.100	8.6133	20.0
Hexachlorocyclopentadiene	0.451	0.527	0.010	16.8668	40.0
2,4,6-Trichlorophenol	0.465	0.503	0.090	8.1822	25.0
2,4,5-Trichlorophenol	0.495	0.536	0.100	8.2503	25.0
1,1-Biphenyl	1.442	1.533	0.200	6.339	20.0
2-Chloronaphthalene	1.180	1.236	0.300	4.7305	20.0
2-Nitroaniline	0.352	0.359	0.050	1.7888	40.0
Dimethylphthalate	1.583	1.674	0.300	5.7449	20.0
2,6-Dinitrotoluene	0.299	0.330	0.080	10.2814	30.0
Acenaphthylene	1.752	1.844	0.400	5.2642	20.0
3-Nitroaniline	0.281	0.270	0.010	-4.1164	40.0
Acenaphthene	1.239	1.313	0.200	5.9957	20.0
2,4-Dinitrophenol	0.220	0.213	0.010	-3.5139	40.0
4-Nitrophenol	0.296	0.273	0.010	-7.7241	40.0
Dibenzofuran	1.861	2.040	0.300	9.6531	20.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/5/2024 12 03:07

Lab File ID: BP022844.D Init. Calib. Date(s):

EPA Sample No.: SSTD020699 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.465	0.521	0.070	11.8913	30.0
Diethylphthalate	1.519	1.680	0.300	10.5869	20.0
Fluorene	1.516	1.643	0.200	8.391	20.0
4-Chlorophenyl-phenylether	0.867	0.968	0.100	11.7016	20.0
4-Nitroaniline	0.283	0.280	0.010	-1.2229	40.0
4,6-Dinitro-2-methylphenol	0.142	0.136	0.010	-3.8749	40.0
N-Nitrosodiphenylamine	0.536	0.576	0.050	7.4785	20.0
1,2,4,5-Tetrachlorobenzene	0.740	0.828	0.100	11.9507	20.0
4-Bromophenyl-phenylether	0.241	0.279	0.070	15.6541	20.0
Hexachlorobenzene	0.297	0.342	0.050	15.092	25.0
Atrazine	0.223	0.248	0.010	11.6058	25.0
Pentachlorophenol	0.191	0.205	0.010	7.6292	40.0
Phenanthrene	1.070	1.122	0.200	4.8655	20.0
Pentachlorobenzene	0.337	0.380	0.050	12.849	20.0
Anthracene	1.068	1.133	0.200	6.0761	20.0
1,2,3,4-Tetrachlorobenzene	0.305	0.329	0.050	8.0493	20.0
Carbazole	0.945	0.968	0.050	2.425	40.0
Di-n-butylphthalate	1.045	1.202	0.500	14.9543	25.0
Fluoranthene	1.216	1.407	0.400	15.7054	25.0
Pyrene	1.303	1.451	0.400	11.3285	25.0
Butylbenzylphthalate	0.454	0.516	0.100	13.8272	40.0
3,3-Dichlorobenzidine	0.477	0.488	0.010	2.2588	40.0
Benzo(a)anthracene	1.402	1.462	0.300	4.2416	30.0
Chrysene	1.300	1.330	0.200	2.3201	30.0
Bis(2-ethylhexyl)phthalate	0.651	0.760	0.200	16.6388	40.0
Di-n-octyl phthalate	0.951	1.118	0.010	17.5159	40.0
Benzo(b)fluoranthene	1.259	1.363	0.200	8.2971	25.0
Benzo(k)fluoranthene	1.233	1.373	0.200	11.4112	25.0
Benzo(a)pyrene	1.159	1.221	0.200	5.3822	20.0
Indeno(1,2,3-cd)pyrene	1.546	1.627	0.200	5.255	25.0
Dibenzo(a,h)anthracene	1.252	1.297	0.200	3.5613	30.0
Benzo(g,h,i)perylene	1.203	1.226	0.200	1.9371	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.522	0.040	12.9711	20.0
1,4-Dioxane-d8	0.515	0.447	0.010	-13.0618	25.0
Pyridine-d5	1.413	1.276	0.010	-9.7001	40.0
Phenol-d5	1.684	1.586	0.010	-5.8158	25.0
Bis-(2-Chloroethyl)ether-d8	0.989	0.957	0.050	-3.3166	25.0
2-Chlorophenol-d4	1.195	1.221	0.200	2.2298	20.0
4-Methylphenol-d8	1.344	1.317	0.010	-1.9597	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/5/2024 12 03:07

Lab File ID: BP022844.D Init. Calib. Date(s):

EPA Sample No.: SSTD020699 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.164	0.050	6.7518	20.0
2-Nitrophenol-d4	0.178	0.193	0.050	8.4273	30.0
2,4-Dichlorophenol-d3	0.378	0.426	0.060	12.5699	20.0
4-Chloroaniline-d4	0.447	0.466	0.010	4.2339	40.0
Dimethylphthalate-d6	1.589	1.710	0.300	7.6038	20.0
Acenaphthylene-d8	1.688	1.810	0.400	7.2291	20.0
4-Nitrophenol-d4	0.267	0.234	0.010	-12.0502	40.0
Fluorene-d10	1.378	1.489	0.100	8.0672	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.126	0.010	-4.3204	40.0
Anthracene-d10	0.941	1.005	0.300	6.7782	20.0
Pyrene-d10	1.058	1.198	0.300	13.307	25.0
Benzo(a)pyrene-d12	1.068	1.157	0.010	8.3344	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/5/2024 12 11:54

Lab File ID: BP022857.D Init. Calib. Date(s):

EPA Sample No.: SSTD020700 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.553	0.460	0.010	-16.8459	40.0
Benzaldehyde	0.910	0.934	0.010	2.6696	40.0
Pyridine	1.449	1.307	0.010	-9.7666	40.0
Phenol	1.752	1.716	0.080	-2.0406	20.0
Bis(2-Chloroethyl)ether	1.311	1.270	0.100	-3.1549	20.0
2-Chlorophenol	1.235	1.306	0.200	5.7259	20.0
2-Methylphenol	1.271	1.284	0.010	1.0218	20.0
2,2-oxybis(1-Chloropropane)	1.524	1.433	0.010	-5.9235	40.0
Acetophenone	2.218	2.215	0.060	-0.1331	20.0
4-Methylphenol	1.410	1.436	0.010	1.8378	20.0
N-Nitroso-di-n-propylamine	1.124	1.117	0.050	-0.5688	30.0
Hexachloroethane	0.575	0.594	0.100	3.2517	20.0
Nitrobenzene	0.459	0.456	0.050	-0.628	25.0
Isophorone	0.823	0.816	0.050	-0.8965	25.0
2-Nitrophenol	0.192	0.212	0.050	10.3144	25.0
2,4-Dimethylphenol	0.417	0.446	0.050	6.9711	25.0
Bis(2-Chloroethoxy)methane	0.467	0.455	0.050	-2.6952	20.0
2,4-Dichlorophenol	0.373	0.416	0.060	11.5467	20.0
Naphthalene	1.065	1.139	0.200	6.9254	20.0
4-Chloroaniline	0.441	0.456	0.010	3.381	40.0
Hexachlorobutadiene	0.314	0.346	0.040	10.2665	30.0
Caprolactam	0.120	0.111	0.010	-7.7046	40.0
4-Chloro-3-methylphenol	0.407	0.439	0.040	8.0102	25.0
1-Methylnaphthalene	0.798	0.841	0.100	5.3857	20.0
2-Methylnaphthalene	0.782	0.844	0.100	7.9685	20.0
Hexachlorocyclopentadiene	0.451	0.343	0.010	-23.9429	40.0
2,4,6-Trichlorophenol	0.465	0.508	0.090	9.1291	25.0
2,4,5-Trichlorophenol	0.495	0.571	0.100	15.2615	25.0
1,1-Biphenyl	1.442	1.538	0.200	6.6671	20.0
2-Chloronaphthalene	1.180	1.258	0.300	6.5714	20.0
2-Nitroaniline	0.352	0.355	0.050	0.8256	40.0
Dimethylphthalate	1.583	1.574	0.300	-0.5812	20.0
2,6-Dinitrotoluene	0.299	0.339	0.080	13.2802	30.0
Acenaphthylene	1.752	1.875	0.400	7.05	20.0
3-Nitroaniline	0.281	0.288	0.010	2.43	40.0
Acenaphthene	1.239	1.333	0.200	7.5872	20.0
2,4-Dinitrophenol	0.220	0.148	0.010	-32.6764	40.0
4-Nitrophenol	0.296	0.283	0.010	-4.4074	40.0
Dibenzofuran	1.861	2.029	0.300	9.0605	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/5/2024 12 11:54

Lab File ID: BP022857.D Init. Calib. Date(s):

EPA Sample No.: SSTD020700 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.465	0.524	0.070	12.6561	30.0
Diethylphthalate	1.519	1.568	0.300	3.2381	20.0
Fluorene	1.516	1.633	0.200	7.736	20.0
4-Chlorophenyl-phenylether	0.867	0.930	0.100	7.333	20.0
4-Nitroaniline	0.283	0.315	0.010	11.4336	40.0
4,6-Dinitro-2-methylphenol	0.142	0.109	0.010	-22.7668	40.0
N-Nitrosodiphenylamine	0.536	0.572	0.050	6.7265	20.0
1,2,4,5-Tetrachlorobenzene	0.740	0.809	0.100	9.3396	20.0
4-Bromophenyl-phenylether	0.241	0.272	0.070	12.6273	20.0
Hexachlorobenzene	0.297	0.339	0.050	14.2337	25.0
Atrazine	0.223	0.235	0.010	5.5048	25.0
Pentachlorophenol	0.191	0.204	0.010	6.7969	40.0
Phenanthrene	1.070	1.142	0.200	6.6811	20.0
Pentachlorobenzene	0.337	0.376	0.050	11.6347	20.0
Anthracene	1.068	1.137	0.200	6.5205	20.0
1,2,3,4-Tetrachlorobenzene	0.305	0.335	0.050	10.0906	20.0
Carbazole	0.945	0.995	0.050	5.33	40.0
Di-n-butylphthalate	1.045	1.087	0.500	3.9992	25.0
Fluoranthene	1.216	1.388	0.400	14.1284	25.0
Pyrene	1.303	1.481	0.400	13.615	25.0
Butylbenzylphthalate	0.454	0.504	0.100	11.183	40.0
3,3-Dichlorobenzidine	0.477	0.472	0.010	-1.0257	40.0
Benzo(a)anthracene	1.402	1.464	0.300	4.4429	30.0
Chrysene	1.300	1.361	0.200	4.724	30.0
Bis(2-ethylhexyl)phthalate	0.651	0.680	0.200	4.4473	40.0
Di-n-octyl phthalate	0.951	0.963	0.010	1.2689	40.0
Benzo(b)fluoranthene	1.259	1.312	0.200	4.2065	25.0
Benzo(k)fluoranthene	1.233	1.296	0.200	5.1322	25.0
Benzo(a)pyrene	1.159	1.193	0.200	2.9519	20.0
Indeno(1,2,3-cd)pyrene	1.546	1.611	0.200	4.1747	25.0
Dibenzo(a,h)anthracene	1.252	1.305	0.200	4.2386	30.0
Benzo(g,h,i)perylene	1.203	1.237	0.200	2.8228	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.521	0.040	12.5916	20.0
Pyridine-d5	1.413	1.286	0.010	-8.9648	40.0
1,4-Dioxane-d8	0.515	0.446	0.010	-13.3068	25.0
Phenol-d5	1.684	1.649	0.010	-2.0712	25.0
Bis-(2-Chloroethyl)ether-d8	0.989	0.925	0.050	-6.5561	25.0
2-Chlorophenol-d4	1.195	1.290	0.200	7.9779	20.0
4-Methylphenol-d8	1.344	1.352	0.010	0.6166	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/5/2024 12 11:54

Lab File ID: BP022857.D Init. Calib. Date(s):

EPA Sample No.: SSTD020700 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.166	0.050	7.8952	20.0
2-Nitrophenol-d4	0.178	0.196	0.050	9.8947	30.0
2,4-Dichlorophenol-d3	0.378	0.422	0.060	11.5107	20.0
4-Chloroaniline-d4	0.447	0.452	0.010	1.0635	40.0
Dimethylphthalate-d6	1.589	1.616	0.300	1.6973	20.0
Acenaphthylene-d8	1.688	1.807	0.400	7.0687	20.0
4-Nitrophenol-d4	0.267	0.244	0.010	-8.3768	40.0
Fluorene-d10	1.378	1.469	0.100	6.5572	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.099	0.010	-24.5536	40.0
Anthracene-d10	0.941	1.016	0.300	7.9524	20.0
Pyrene-d10	1.058	1.213	0.300	14.7019	25.0
Benzo(a)pyrene-d12	1.068	1.144	0.010	7.1096	20.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/5/2024 12 22:56

Lab File ID: BP022871.D Init. Calib. Date(s):

EPA Sample No.: SSTD020701 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.553	0.503	0.010	-9.17	40.0
Benzaldehyde	0.910	0.898	0.010	-1.2921	40.0
Pyridine	1.449	1.412	0.010	-2.5289	40.0
Phenol	1.752	1.710	0.080	-2.3633	20.0
Bis(2-Chloroethyl)ether	1.311	1.249	0.100	-4.7061	20.0
2-Chlorophenol	1.235	1.301	0.200	5.3306	20.0
2-Methylphenol	1.271	1.259	0.010	-0.9933	20.0
2,2-oxybis(1-Chloropropane)	1.524	1.396	0.010	-8.3848	40.0
Acetophenone	2.218	2.191	0.060	-1.2013	20.0
4-Methylphenol	1.410	1.416	0.010	0.4058	20.0
N-Nitroso-di-n-propylamine	1.124	1.066	0.050	-5.0996	30.0
Hexachloroethane	0.575	0.572	0.100	-0.5562	20.0
Nitrobenzene	0.459	0.473	0.050	3.0357	25.0
Isophorone	0.823	0.803	0.050	-2.4873	25.0
2-Nitrophenol	0.192	0.213	0.050	10.8792	25.0
2,4-Dimethylphenol	0.417	0.456	0.050	9.4572	25.0
Bis(2-Chloroethoxy)methane	0.467	0.454	0.050	-2.8637	20.0
2,4-Dichlorophenol	0.373	0.422	0.060	13.2619	20.0
Naphthalene	1.065	1.129	0.200	5.9505	20.0
4-Chloroaniline	0.441	0.465	0.010	5.3363	40.0
Hexachlorobutadiene	0.314	0.346	0.040	10.1241	30.0
Caprolactam	0.120	0.113	0.010	-5.8821	40.0
4-Chloro-3-methylphenol	0.407	0.442	0.040	8.6704	25.0
1-Methylnaphthalene	0.798	0.872	0.100	9.1995	20.0
2-Methylnaphthalene	0.782	0.847	0.100	8.2744	20.0
Hexachlorocyclopentadiene	0.451	0.430	0.010	-4.5935	40.0
2,4,6-Trichlorophenol	0.465	0.525	0.090	12.9587	25.0
2,4,5-Trichlorophenol	0.495	0.556	0.100	12.3436	25.0
1,1-Biphenyl	1.442	1.548	0.200	7.4148	20.0
2-Chloronaphthalene	1.180	1.287	0.300	9.0704	20.0
2-Nitroaniline	0.352	0.372	0.050	5.667	40.0
Dimethylphthalate	1.583	1.604	0.300	1.2789	20.0
2,6-Dinitrotoluene	0.299	0.330	0.080	10.2637	30.0
Acenaphthylene	1.752	1.889	0.400	7.831	20.0
3-Nitroaniline	0.281	0.285	0.010	1.4142	40.0
Acenaphthene	1.239	1.316	0.200	6.2606	20.0
2,4-Dinitrophenol	0.220	0.222	0.010	0.639	40.0
4-Nitrophenol	0.296	0.295	0.010	-0.1577	40.0
Dibenzofuran	1.861	2.035	0.300	9.3901	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/5/2024 12 22:56

Lab File ID: BP022871.D Init. Calib. Date(s):

EPA Sample No.: SSTD020701 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.465	0.515	0.070	10.6754	30.0
Diethylphthalate	1.519	1.564	0.300	2.9358	20.0
Fluorene	1.516	1.633	0.200	7.7141	20.0
4-Chlorophenyl-phenylether	0.867	0.970	0.100	11.8849	20.0
4-Nitroaniline	0.283	0.288	0.010	1.753	40.0
4,6-Dinitro-2-methylphenol	0.142	0.127	0.010	-10.2933	40.0
N-Nitrosodiphenylamine	0.536	0.575	0.050	7.4091	20.0
1,2,4,5-Tetrachlorobenzene	0.740	0.811	0.100	9.7086	20.0
4-Bromophenyl-phenylether	0.241	0.275	0.070	14.1358	20.0
Hexachlorobenzene	0.297	0.345	0.050	16.0651	25.0
Atrazine	0.223	0.239	0.010	7.5606	25.0
Pentachlorophenol	0.191	0.202	0.010	5.7451	40.0
Phenanthrene	1.070	1.152	0.200	7.6724	20.0
Pentachlorobenzene	0.337	0.381	0.050	13.1431	20.0
Anthracene	1.068	1.150	0.200	7.6931	20.0
1,2,3,4-Tetrachlorobenzene	0.305	0.333	0.050	9.2569	20.0
Carbazole	0.945	0.964	0.050	2.0326	40.0
Di-n-butylphthalate	1.045	1.101	0.500	5.3533	25.0
Fluoranthene	1.216	1.340	0.400	10.1928	25.0
Pyrene	1.303	1.430	0.400	9.7484	25.0
Butylbenzylphthalate	0.454	0.474	0.100	4.392	40.0
3,3-Dichlorobenzidine	0.477	0.485	0.010	1.806	40.0
Benzo(a)anthracene	1.402	1.489	0.300	6.1938	30.0
Chrysene	1.300	1.384	0.200	6.4861	30.0
Bis(2-ethylhexyl)phthalate	0.651	0.658	0.200	0.9744	40.0
Di-n-octyl phthalate	0.951	0.951	0.010	-0.0477	40.0
Benzo(b)fluoranthene	1.259	1.368	0.200	8.6839	25.0
Benzo(k)fluoranthene	1.233	1.306	0.200	5.9951	25.0
Benzo(a)pyrene	1.159	1.207	0.200	4.2071	20.0
Indeno(1,2,3-cd)pyrene	1.546	1.604	0.200	3.7328	25.0
Dibenzo(a,h)anthracene	1.252	1.287	0.200	2.8196	30.0
Benzo(g,h,i)perylene	1.203	1.216	0.200	1.123	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.532	0.040	15.147	20.0
1,4-Dioxane-d8	0.515	0.472	0.010	-8.2285	25.0
Pyridine-d5	1.413	1.373	0.010	-2.853	40.0
Phenol-d5	1.684	1.628	0.010	-3.3031	25.0
Bis-(2-Chloroethyl)ether-d8	0.989	0.910	0.050	-8.0652	25.0
2-Chlorophenol-d4	1.195	1.263	0.200	5.6976	20.0
4-Methylphenol-d8	1.344	1.366	0.010	1.6397	20.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/5/2024 12 22:56

Lab File ID: BP022871.D Init. Calib. Date(s):

EPA Sample No.: SSTD020701 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.165	0.050	7.2711	20.0
2-Nitrophenol-d4	0.178	0.205	0.050	14.9587	30.0
2,4-Dichlorophenol-d3	0.378	0.427	0.060	12.9244	20.0
4-Chloroaniline-d4	0.447	0.468	0.010	4.6104	40.0
Dimethylphthalate-d6	1.589	1.627	0.300	2.3819	20.0
Acenaphthylene-d8	1.688	1.831	0.400	8.4724	20.0
4-Nitrophenol-d4	0.267	0.239	0.010	-10.2608	40.0
Fluorene-d10	1.378	1.524	0.100	10.5529	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.117	0.010	-11.3249	40.0
Anthracene-d10	0.941	1.023	0.300	8.7133	20.0
Pyrene-d10	1.058	1.167	0.300	10.333	25.0
Benzo(a)pyrene-d12	1.068	1.150	0.010	7.647	20.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/6/2024 12 08:24

Lab File ID: BP022884.D Init. Calib. Date(s):

EPA Sample No.: SSTD020702 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.553	0.452	0.010	-18.2937	40.0
Benzaldehyde	0.910	0.944	0.010	3.7315	40.0
Pyridine	1.449	1.385	0.010	-4.4055	40.0
Phenol	1.752	1.776	0.080	1.4143	20.0
Bis(2-Chloroethyl)ether	1.311	1.276	0.100	-2.6968	20.0
2-Chlorophenol	1.235	1.328	0.200	7.4949	20.0
2-Methylphenol	1.271	1.320	0.010	3.866	20.0
2,2-oxybis(1-Chloropropane)	1.524	1.445	0.010	-5.1467	40.0
Acetophenone	2.218	2.291	0.060	3.2994	20.0
4-Methylphenol	1.410	1.453	0.010	3.0169	20.0
N-Nitroso-di-n-propylamine	1.124	1.124	0.050	0.0134	30.0
Hexachloroethane	0.575	0.571	0.100	-0.7455	20.0
Nitrobenzene	0.459	0.468	0.050	1.8554	25.0
Isophorone	0.823	0.800	0.050	-2.8237	25.0
2-Nitrophenol	0.192	0.208	0.050	8.2356	25.0
2,4-Dimethylphenol	0.417	0.446	0.050	6.8927	25.0
Bis(2-Chloroethoxy)methane	0.467	0.445	0.050	-4.8504	20.0
2,4-Dichlorophenol	0.373	0.413	0.060	10.7165	20.0
Naphthalene	1.065	1.115	0.200	4.6908	20.0
4-Chloroaniline	0.441	0.454	0.010	2.964	40.0
Hexachlorobutadiene	0.314	0.341	0.040	8.5924	30.0
Caprolactam	0.120	0.117	0.010	-2.805	40.0
4-Chloro-3-methylphenol	0.407	0.438	0.040	7.7521	25.0
1-Methylnaphthalene	0.798	0.847	0.100	6.1166	20.0
2-Methylnaphthalene	0.782	0.843	0.100	7.8608	20.0
Hexachlorocyclopentadiene	0.451	0.363	0.010	-19.5151	40.0
2,4,6-Trichlorophenol	0.465	0.515	0.090	10.7988	25.0
2,4,5-Trichlorophenol	0.495	0.564	0.100	13.8685	25.0
1,1-Biphenyl	1.442	1.518	0.200	5.2765	20.0
2-Chloronaphthalene	1.180	1.278	0.300	8.2903	20.0
2-Nitroaniline	0.352	0.366	0.050	3.8762	40.0
Dimethylphthalate	1.583	1.570	0.300	-0.8203	20.0
2,6-Dinitrotoluene	0.299	0.336	0.080	12.0459	30.0
Acenaphthylene	1.752	1.839	0.400	4.9917	20.0
3-Nitroaniline	0.281	0.286	0.010	1.7312	40.0
Acenaphthene	1.239	1.312	0.200	5.9641	20.0
2,4-Dinitrophenol	0.220	0.197	0.010	-10.7887	40.0
4-Nitrophenol	0.296	0.290	0.010	-1.9034	40.0
Dibenzofuran	1.861	1.998	0.300	7.3604	20.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/6/2024 12 08:24

Lab File ID: BP022884.D Init. Calib. Date(s):

EPA Sample No.: SSTD020702 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.465	0.506	0.070	8.673	30.0
Diethylphthalate	1.519	1.538	0.300	1.2161	20.0
Fluorene	1.516	1.595	0.200	5.1918	20.0
4-Chlorophenyl-phenylether	0.867	0.930	0.100	7.3143	20.0
4-Nitroaniline	0.283	0.304	0.010	7.5517	40.0
4,6-Dinitro-2-methylphenol	0.142	0.112	0.010	-21.2407	40.0
N-Nitrosodiphenylamine	0.536	0.566	0.050	5.6434	20.0
1,2,4,5-Tetrachlorobenzene	0.740	0.821	0.100	10.9933	20.0
4-Bromophenyl-phenylether	0.241	0.272	0.070	12.7536	20.0
Hexachlorobenzene	0.297	0.340	0.050	14.5039	25.0
Atrazine	0.223	0.235	0.010	5.653	25.0
Pentachlorophenol	0.191	0.204	0.010	7.1162	40.0
Phenanthrene	1.070	1.141	0.200	6.6575	20.0
Pentachlorobenzene	0.337	0.377	0.050	11.8999	20.0
Anthracene	1.068	1.139	0.200	6.6692	20.0
1,2,3,4-Tetrachlorobenzene	0.305	0.337	0.050	10.6263	20.0
Carbazole	0.945	0.986	0.050	4.3092	40.0
Di-n-butylphthalate	1.045	1.091	0.500	4.3617	25.0
Fluoranthene	1.216	1.384	0.400	13.8011	25.0
Pyrene	1.303	1.450	0.400	11.2561	25.0
Butylbenzylphthalate	0.454	0.490	0.100	8.0197	40.0
3,3-Dichlorobenzidine	0.477	0.465	0.010	-2.5397	40.0
Benzo(a)anthracene	1.402	1.491	0.300	6.3595	30.0
Chrysene	1.300	1.363	0.200	4.8455	30.0
Bis(2-ethylhexyl)phthalate	0.651	0.676	0.200	3.8352	40.0
Di-n-octyl phthalate	0.951	0.998	0.010	4.8862	40.0
Benzo(b)fluoranthene	1.259	1.381	0.200	9.6831	25.0
Benzo(k)fluoranthene	1.233	1.322	0.200	7.2335	25.0
Benzo(a)pyrene	1.159	1.215	0.200	4.855	20.0
Indeno(1,2,3-cd)pyrene	1.546	1.642	0.200	6.1959	25.0
Dibenzo(a,h)anthracene	1.252	1.295	0.200	3.4566	30.0
Benzo(g,h,i)perylene	1.203	1.236	0.200	2.8115	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.507	0.040	9.6679	20.0
1,4-Dioxane-d8	0.515	0.449	0.010	-12.7271	25.0
Pyridine-d5	1.413	1.366	0.010	-3.3176	40.0
Phenol-d5	1.684	1.694	0.010	0.5972	25.0
Bis-(2-Chloroethyl)ether-d8	0.989	0.960	0.050	-2.9741	25.0
2-Chlorophenol-d4	1.195	1.282	0.200	7.3456	20.0
4-Methylphenol-d8	1.344	1.384	0.010	2.9894	20.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/6/2024 12 08:24

Lab File ID: BP022884.D Init. Calib. Date(s):

EPA Sample No.: SSTD020702 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.165	0.050	7.0237	20.0
2-Nitrophenol-d4	0.178	0.198	0.050	10.9633	30.0
2,4-Dichlorophenol-d3	0.378	0.426	0.060	12.7022	20.0
4-Chloroaniline-d4	0.447	0.458	0.010	2.4534	40.0
Dimethylphthalate-d6	1.589	1.595	0.300	0.3482	20.0
Acenaphthylene-d8	1.688	1.825	0.400	8.1232	20.0
4-Nitrophenol-d4	0.267	0.244	0.010	-8.4596	40.0
Fluorene-d10	1.378	1.503	0.100	9.038	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.105	0.010	-19.9603	40.0
Anthracene-d10	0.941	1.010	0.300	7.3086	20.0
Pyrene-d10	1.058	1.207	0.300	14.1108	25.0
Benzo(a)pyrene-d12	1.068	1.174	0.010	9.9348	20.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/6/2024 12 17:15

Lab File ID: BP022897.D Init. Calib. Date(s):

EPA Sample No.: SSTD020703 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.553	0.431	0.010	-22.1091	40.0
Benzaldehyde	0.910	1.033	0.010	13.5426	40.0
Pyridine	1.449	1.320	0.010	-8.8505	40.0
Phenol	1.752	1.757	0.080	0.2907	20.0
Bis(2-Chloroethyl)ether	1.311	1.244	0.100	-5.0659	20.0
2-Chlorophenol	1.235	1.302	0.200	5.397	20.0
2-Methylphenol	1.271	1.298	0.010	2.1077	20.0
2,2-oxybis(1-Chloropropane)	1.524	1.400	0.010	-8.122	40.0
Acetophenone	2.218	2.245	0.060	1.2053	20.0
4-Methylphenol	1.410	1.408	0.010	-0.1723	20.0
N-Nitroso-di-n-propylamine	1.124	1.122	0.050	-0.155	30.0
Hexachloroethane	0.575	0.579	0.100	0.7128	20.0
Nitrobenzene	0.459	0.460	0.050	0.1838	25.0
Isophorone	0.823	0.797	0.050	-3.1345	25.0
2-Nitrophenol	0.192	0.208	0.050	8.5536	25.0
2,4-Dimethylphenol	0.417	0.446	0.050	6.9093	25.0
Bis(2-Chloroethoxy)methane	0.467	0.449	0.050	-3.8798	20.0
2,4-Dichlorophenol	0.373	0.418	0.060	12.1537	20.0
Naphthalene	1.065	1.139	0.200	6.9104	20.0
4-Chloroaniline	0.441	0.452	0.010	2.4744	40.0
Hexachlorobutadiene	0.314	0.334	0.040	6.3373	30.0
Caprolactam	0.120	0.117	0.010	-2.9375	40.0
4-Chloro-3-methylphenol	0.407	0.444	0.040	9.192	25.0
1-Methylnaphthalene	0.798	0.848	0.100	6.2709	20.0
2-Methylnaphthalene	0.782	0.844	0.100	7.9256	20.0
Hexachlorocyclopentadiene	0.451	0.318	0.010	-29.4822	40.0
2,4,6-Trichlorophenol	0.465	0.510	0.090	9.5613	25.0
2,4,5-Trichlorophenol	0.495	0.553	0.100	11.6552	25.0
1,1-Biphenyl	1.442	1.549	0.200	7.4312	20.0
2-Chloronaphthalene	1.180	1.266	0.300	7.2565	20.0
2-Nitroaniline	0.352	0.362	0.050	2.6626	40.0
Dimethylphthalate	1.583	1.572	0.300	-0.6987	20.0
2,6-Dinitrotoluene	0.299	0.334	0.080	11.6475	30.0
Acenaphthylene	1.752	1.860	0.400	6.1999	20.0
3-Nitroaniline	0.281	0.285	0.010	1.2385	40.0
Acenaphthene	1.239	1.336	0.200	7.8722	20.0
2,4-Dinitrophenol	0.220	0.194	0.010	-11.8972	40.0
4-Nitrophenol	0.296	0.283	0.010	-4.4748	40.0
Dibenzofuran	1.861	2.000	0.300	7.4776	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/6/2024 12 17:15

Lab File ID: BP022897.D Init. Calib. Date(s):

EPA Sample No.: SSTD020703 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.465	0.515	0.070	10.683	30.0
Diethylphthalate	1.519	1.534	0.300	1.0114	20.0
Fluorene	1.516	1.632	0.200	7.6215	20.0
4-Chlorophenyl-phenylether	0.867	0.949	0.100	9.4527	20.0
4-Nitroaniline	0.283	0.337	0.010	19.0759	40.0
4,6-Dinitro-2-methylphenol	0.142	0.104	0.010	-26.7467	40.0
N-Nitrosodiphenylamine	0.536	0.567	0.050	5.7788	20.0
1,2,4,5-Tetrachlorobenzene	0.740	0.820	0.100	10.8628	20.0
4-Bromophenyl-phenylether	0.241	0.265	0.070	10.0165	20.0
Hexachlorobenzene	0.297	0.339	0.050	14.083	25.0
Atrazine	0.223	0.230	0.010	3.3753	25.0
Pentachlorophenol	0.191	0.205	0.010	7.2223	40.0
Phenanthrene	1.070	1.125	0.200	5.167	20.0
Pentachlorobenzene	0.337	0.374	0.050	11.065	20.0
Anthracene	1.068	1.128	0.200	5.6824	20.0
1,2,3,4-Tetrachlorobenzene	0.305	0.332	0.050	9.0138	20.0
Carbazole	0.945	1.000	0.050	5.8124	40.0
Di-n-butylphthalate	1.045	1.071	0.500	2.4201	25.0
Fluoranthene	1.216	1.400	0.400	15.1527	25.0
Pyrene	1.303	1.494	0.400	14.6667	25.0
Butylbenzylphthalate	0.454	0.486	0.100	7.0639	40.0
3,3-Dichlorobenzidine	0.477	0.477	0.010	-0.0044	40.0
Benzo(a)anthracene	1.402	1.482	0.300	5.6823	30.0
Chrysene	1.300	1.368	0.200	5.2011	30.0
Bis(2-ethylhexyl)phthalate	0.651	0.675	0.200	3.704	40.0
Di-n-octyl phthalate	0.951	0.969	0.010	1.8684	40.0
Benzo(b)fluoranthene	1.259	1.357	0.200	7.8028	25.0
Benzo(k)fluoranthene	1.233	1.298	0.200	5.342	25.0
Benzo(a)pyrene	1.159	1.208	0.200	4.2406	20.0
Indeno(1,2,3-cd)pyrene	1.546	1.609	0.200	4.0585	25.0
Dibenzo(a,h)anthracene	1.252	1.292	0.200	3.1573	30.0
Benzo(g,h,i)perylene	1.203	1.241	0.200	3.18	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.526	0.040	13.7607	20.0
1,4-Dioxane-d8	0.515	0.414	0.010	-19.5485	25.0
Pyridine-d5	1.413	1.275	0.010	-9.7942	40.0
Phenol-d5	1.684	1.687	0.010	0.1867	25.0
Bis-(2-Chloroethyl)ether-d8	0.989	0.922	0.050	-6.8465	25.0
2-Chlorophenol-d4	1.195	1.292	0.200	8.1494	20.0
4-Methylphenol-d8	1.344	1.365	0.010	1.5713	20.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/6/2024 12 17:15

Lab File ID: BP022897.D Init. Calib. Date(s):

EPA Sample No.: SSTD020703 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.165	0.050	7.1327	20.0
2-Nitrophenol-d4	0.178	0.198	0.050	11.3748	30.0
2,4-Dichlorophenol-d3	0.378	0.431	0.060	13.7876	20.0
4-Chloroaniline-d4	0.447	0.454	0.010	1.5093	40.0
Dimethylphthalate-d6	1.589	1.591	0.300	0.1042	20.0
Acenaphthylene-d8	1.688	1.796	0.400	6.4161	20.0
4-Nitrophenol-d4	0.267	0.244	0.010	-8.6294	40.0
Fluorene-d10	1.378	1.478	0.100	7.2217	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.094	0.010	-28.4895	40.0
Anthracene-d10	0.941	1.022	0.300	8.6177	20.0
Pyrene-d10	1.058	1.211	0.300	14.4916	25.0
Benzo(a)pyrene-d12	1.068	1.151	0.010	7.7397	20.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/7/2024 12 04:07

Lab File ID: BP022912.D Init. Calib. Date(s):

EPA Sample No.: SSTD020704 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.553	0.456	0.010	-17.6365	50.0
Benzaldehyde	0.910	0.998	0.010	9.6891	50.0
Pyridine	1.449	1.310	0.010	-9.6027	50.0
Phenol	1.752	1.743	0.080	-0.4867	50.0
Bis(2-Chloroethyl)ether	1.311	1.290	0.100	-1.613	50.0
2-Chlorophenol	1.235	1.309	0.200	5.96	50.0
2-Methylphenol	1.271	1.293	0.010	1.7096	50.0
2,2-oxybis(1-Chloropropane)	1.524	1.433	0.010	-5.9172	50.0
Acetophenone	2.218	2.266	0.060	2.1707	50.0
4-Methylphenol	1.410	1.433	0.010	1.6225	50.0
N-Nitroso-di-n-propylamine	1.124	1.111	0.050	-1.1777	50.0
Hexachloroethane	0.575	0.584	0.100	1.5523	50.0
Nitrobenzene	0.459	0.466	0.050	1.5423	50.0
Isophorone	0.823	0.813	0.050	-1.1776	50.0
2-Nitrophenol	0.192	0.216	0.050	12.4288	50.0
2,4-Dimethylphenol	0.417	0.439	0.050	5.3643	50.0
Bis(2-Chloroethoxy)methane	0.467	0.453	0.050	-3.0678	50.0
2,4-Dichlorophenol	0.373	0.420	0.060	12.8337	50.0
Naphthalene	1.065	1.124	0.200	5.4906	50.0
4-Chloroaniline	0.441	0.448	0.010	1.544	50.0
Hexachlorobutadiene	0.314	0.343	0.040	9.0547	50.0
Caprolactam	0.120	0.112	0.010	-6.6572	50.0
4-Chloro-3-methylphenol	0.407	0.437	0.040	7.6037	50.0
1-Methylnaphthalene	0.798	0.854	0.100	7.0192	50.0
2-Methylnaphthalene	0.782	0.842	0.100	7.6487	50.0
Hexachlorocyclopentadiene	0.451	0.382	0.010	-15.2079	50.0
2,4,6-Trichlorophenol	0.465	0.524	0.090	12.5509	50.0
2,4,5-Trichlorophenol	0.495	0.566	0.100	14.1963	50.0
1,1-Biphenyl	1.442	1.563	0.200	8.4456	50.0
2-Chloronaphthalene	1.180	1.283	0.300	8.7598	50.0
2-Nitroaniline	0.352	0.365	0.050	3.495	50.0
Dimethylphthalate	1.583	1.596	0.300	0.7798	50.0
2,6-Dinitrotoluene	0.299	0.342	0.080	14.0658	50.0
Acenaphthylene	1.752	1.860	0.400	6.1649	50.0
3-Nitroaniline	0.281	0.294	0.010	4.5263	50.0
Acenaphthene	1.239	1.305	0.200	5.3491	50.0
2,4-Dinitrophenol	0.220	0.214	0.010	-3.0023	50.0
4-Nitrophenol	0.296	0.282	0.010	-4.6221	50.0
Dibenzofuran	1.861	1.998	0.300	7.3752	50.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/7/2024 12 04:07

Lab File ID: BP022912.D Init. Calib. Date(s):

EPA Sample No.: SSTD020704 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.465	0.510	0.070	9.5258	50.0
Diethylphthalate	1.519	1.581	0.300	4.0855	50.0
Fluorene	1.516	1.610	0.200	6.1882	50.0
4-Chlorophenyl-phenylether	0.867	0.955	0.100	10.1483	50.0
4-Nitroaniline	0.283	0.318	0.010	12.3552	50.0
4,6-Dinitro-2-methylphenol	0.142	0.119	0.010	-15.8161	50.0
N-Nitrosodiphenylamine	0.536	0.578	0.050	7.847	50.0
1,2,4,5-Tetrachlorobenzene	0.740	0.837	0.100	13.2037	50.0
4-Bromophenyl-phenylether	0.241	0.281	0.070	16.7056	50.0
Hexachlorobenzene	0.297	0.346	0.050	16.6624	50.0
Atrazine	0.223	0.239	0.010	7.4567	50.0
Pentachlorophenol	0.191	0.207	0.010	8.6005	50.0
Phenanthrene	1.070	1.132	0.200	5.7789	50.0
Pentachlorobenzene	0.337	0.400	0.050	18.9494	50.0
Anthracene	1.068	1.131	0.200	5.9462	50.0
1,2,3,4-Tetrachlorobenzene	0.305	0.354	0.050	16.1379	50.0
Carbazole	0.945	0.975	0.050	3.2012	50.0
Di-n-butylphthalate	1.045	1.098	0.500	5.0278	50.0
Fluoranthene	1.216	1.422	0.400	16.9905	50.0
Pyrene	1.303	1.490	0.400	14.3417	50.0
Butylbenzylphthalate	0.454	0.508	0.100	11.9783	50.0
3,3-Dichlorobenzidine	0.477	0.452	0.010	-5.2224	50.0
Benzo(a)anthracene	1.402	1.476	0.300	5.3057	50.0
Chrysene	1.300	1.361	0.200	4.7172	50.0
Bis(2-ethylhexyl)phthalate	0.651	0.687	0.200	5.4993	50.0
Di-n-octyl phthalate	0.951	0.991	0.010	4.2	50.0
Benzo(b)fluoranthene	1.259	1.343	0.200	6.6568	50.0
Benzo(k)fluoranthene	1.233	1.312	0.200	6.442	50.0
Benzo(a)pyrene	1.159	1.239	0.200	6.9239	50.0
Indeno(1,2,3-cd)pyrene	1.546	1.608	0.200	4.0272	50.0
Dibenzo(a,h)anthracene	1.252	1.303	0.200	4.0441	50.0
Benzo(g,h,i)perylene	1.203	1.230	0.200	2.3132	50.0
2,3,4,6-Tetrachlorophenol	0.462	0.527	0.040	13.8982	50.0
1,4-Dioxane-d8	0.515	0.416	0.010	-19.1322	50.0
Pyridine-d5	1.413	1.319	0.010	-6.6446	50.0
Phenol-d5	1.684	1.676	0.010	-0.4397	50.0
Bis-(2-Chloroethyl)ether-d8	0.989	0.930	0.050	-6.0393	50.0
2-Chlorophenol-d4	1.195	1.300	0.200	8.7955	50.0
4-Methylphenol-d8	1.344	1.379	0.010	2.6018	50.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG No.: BP110424

Instrument ID: BNA_P Calibration Date/Time: 11/7/2024 12 04:07

Lab File ID: BP022912.D Init. Calib. Date(s):

EPA Sample No.: SSTD020704 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.166	0.050	8.2514	50.0
2-Nitrophenol-d4	0.178	0.203	0.050	13.8559	50.0
2,4-Dichlorophenol-d3	0.378	0.424	0.060	12.062	50.0
4-Chloroaniline-d4	0.447	0.450	0.010	0.5621	50.0
Dimethylphthalate-d6	1.589	1.640	0.300	3.2322	50.0
Acenaphthylene-d8	1.688	1.827	0.400	8.2578	50.0
4-Nitrophenol-d4	0.267	0.243	0.010	-8.7225	50.0
Fluorene-d10	1.378	1.524	0.100	10.5708	50.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.112	0.010	-15.0826	50.0
Anthracene-d10	0.941	1.008	0.300	7.1563	50.0
Pyrene-d10	1.058	1.227	0.300	16.0144	50.0
Benzo(a)pyrene-d12	1.068	1.165	0.010	9.0946	50.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SBLK462			SDG No.:	BP110424
Lab Sample ID:	PB164462BL			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
BP022822.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	330	ug/Kg
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
108-95-2	Phenol	43	U	43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	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)	60	U	60	82.5	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	31	U	31	42.5	170	ug/Kg
78-59-1	Isophorone	48	U	48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	16	U	16	42.5	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.5	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	23	U	23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	42.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SBLK462			SDG No.:	BP110424
Lab Sample ID:	PB164462BL			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
BP022822.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	32	U	32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.5	330	ug/Kg
83-32-9	Acenaphthene	29	U	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.5	170	ug/Kg
86-73-7	Fluorene	25	U	25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.5	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	74	U	74	82.5	330	ug/Kg
85-01-8	Phenanthrene	29	U	29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.5	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.5	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	42.5	170	ug/Kg
206-44-0	Fluoranthene	54	U	54	82.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SBLK462			SDG No.:	BP110424
Lab Sample ID:	PB164462BL			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
BP022822.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.71		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	22.387		20-120		56	SPK: -40
4165-62-2	Phenol-d5	22.473		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.88		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.664		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	23.588		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	25.268		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.681		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.347		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.537		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.331		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	25.479		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.099		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	30.681		20-140		77	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SBLK462			SDG No.:	BP110424
Lab Sample ID:	PB164462BL			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
BP022822.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.501		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	27.499		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	29.311		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.445		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60158	7.628				
1146-65-2	Naphthalene-d8	229602	10.386				
15067-26-2	Acenaphthene-d10	185802	14.251				
1517-22-2	Phenanthrene-d10	452341	17.057				
1719-03-5	Chrysene-d12	471244	21.486				
1520-96-3	Perylene-d12	505904	24.727				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EA4			SDG No.:	BP110424
Lab Sample ID:	P4568-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30.2	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022823.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	66	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82	330	ug/Kg
110-86-1	Pyridine	33	U	33	160	330	ug/Kg
108-95-2	Phenol	810		43	82	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4700		40	82	330	ug/Kg
95-57-8	2-Chlorophenol	2200		23	42.2	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	4700	E	51	42.2	170	ug/Kg
67-72-1	Hexachloroethane	3200	E	18	42.2	170	ug/Kg
98-95-3	Nitrobenzene	860		31	42.2	170	ug/Kg
78-59-1	Isophorone	3600	E	48	42.2	170	ug/Kg
88-75-5	2-Nitrophenol	1100		31	42.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.2	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	4200	E	43	42.2	170	ug/Kg
120-83-2	2,4-Dichlorophenol	2800	E	16	42.2	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.2	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.2	330	ug/Kg
87-68-3	Hexachlorobutadiene	4000	E	44	42.2	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	970		49	42.2	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.2	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		23	42.2	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	94	U	94	82	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4400	E	49	42.2	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	960		39	42.2	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EA4			SDG No.:	BP110424
Lab Sample ID:	P4568-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30.2	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022823.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.2	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.2	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.2	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.2	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	6000	E	44	42.2	170	ug/Kg
208-96-8	Acenaphthylene	470		32	42.2	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82	330	ug/Kg
83-32-9	Acenaphthene	2900	E	29	42.2	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82	330	ug/Kg
100-02-7	4-Nitrophenol	2000		44	82	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.2	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	3900	E	43	42.2	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.2	170	ug/Kg
86-73-7	Fluorene	4600	E	25	42.2	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		20	42.2	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76	U	76	82	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.2	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.2	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		29	42.2	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.2	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82	330	ug/Kg
87-86-5	Pentachlorophenol	5400	E	74	82	330	ug/Kg
85-01-8	Phenanthrene	1000		29	42.2	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.2	170	ug/Kg
120-12-7	Anthracene	980		25	42.2	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.2	170	ug/Kg
86-74-8	Carbazole	28	U	28	82	330	ug/Kg
84-74-2	Di-n-butylphthalate	3700	E	61	42.2	170	ug/Kg
206-44-0	Fluoranthene	3500	E	54	82	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EA4			SDG No.:	BP110424
Lab Sample ID:	P4568-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30.2	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022823.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		49	42.2	170	ug/Kg
85-68-7	Butylbenzylphthalate	880		83	42.2	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82	330	ug/Kg
56-55-3	Benzo(a)anthracene	2800	E	27	42.2	170	ug/Kg
218-01-9	Chrysene	4500	E	31	42.2	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3700	E	95	42.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	75	U	75	82	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	3900	E	33	42.2	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.2	170	ug/Kg
50-32-8	Benzo(a)pyrene	870		32	42.2	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	710		31	42.2	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		28	42.2	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	620		26	42.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.2	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.946		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	15.528		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.606		10-150		39	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.542		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	15.17		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	15.628		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.237		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.564		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.875		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.158		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	19.01		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.935		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	20.487		20-140		51	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EA4			SDG No.:	BP110424
Lab Sample ID:	P4568-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30.2	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022823.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.621		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	19.436		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	19.08		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.713		10-140		49	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60339	7.628				
1146-65-2	Naphthalene-d8	261830	10.381				
15067-26-2	Acenaphthene-d10	219362	14.257				
1517-22-2	Phenanthrene-d10	586306	17.057				
1719-03-5	Chrysene-d12	608686	21.48				
1520-96-3	Perylene-d12	750572	24.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-73-1	Benzene, 1,3-dichloro-	660	J			7.975	
001125-21-9	2,6,6-Trimethyl-2-cyclohexene-1,4-	110	J			9.64	
000608-93-5	Benzene, pentachloro-	93	J			14.581	
000643-58-3	1,1-Biphenyl, 2-methyl-	68	J			15.575	
000119-61-9	Benzophenone	190	J			15.634	
000057-10-3	n-Hexadecanoic acid	120	J			17.981	
000084-65-1	9,10-Anthracenedione	99	J			18.528	
E966796	Total Alkanes	24	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF6			SDG No.:	BP110424
Lab Sample ID:	P4568-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022824.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.4	85	ug/Kg
100-52-7	Benzaldehyde	57	U	57	100	420	ug/Kg
110-86-1	Pyridine	42	U	42	210	420	ug/Kg
108-95-2	Phenol	94	J	55	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	51	U	51	100	420	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	54	220	ug/Kg
95-48-7	2-Methylphenol	50	U	50	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	76	U	76	100	420	ug/Kg
98-86-2	Acetophenone	290	J	51	100	420	ug/Kg
106-44-5	4-Methylphenol	47	U	47	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	65	U	65	54	220	ug/Kg
67-72-1	Hexachloroethane	23	U	23	54	220	ug/Kg
98-95-3	Nitrobenzene	39	U	39	54	220	ug/Kg
78-59-1	Isophorone	61	U	61	54	220	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	54	220	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	54	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	54	220	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	54	220	ug/Kg
91-20-3	Naphthalene	32	U	32	54	220	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	54	420	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	54	220	ug/Kg
105-60-2	Caprolactam	91	U	91	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	62	U	62	54	220	ug/Kg
90-12-0	1-Methylnaphthalene	42	U	42	54	220	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	54	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	54	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	54	220	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF6			SDG No.:	BP110424
Lab Sample ID:	P4568-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022824.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	54	220	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	54	220	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	54	220	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	54	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	56	U	56	54	220	ug/Kg
208-96-8	Acenaphthylene	41	U	41	54	220	ug/Kg
99-09-2	3-Nitroaniline	56	U	56	100	420	ug/Kg
83-32-9	Acenaphthene	37	U	37	54	220	ug/Kg
51-28-5	2,4-Dinitrophenol	61	U	61	100	420	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	100	420	ug/Kg
132-64-9	Dibenzofuran	41	U	41	54	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	54	220	ug/Kg
84-66-2	Diethylphthalate	38	U	38	54	220	ug/Kg
86-73-7	Fluorene	32	U	32	54	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	54	220	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	98	U	98	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	54	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	54	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	54	220	ug/Kg
118-74-1	Hexachlorobenzene	41	U	41	54	220	ug/Kg
1912-24-9	Atrazine	90	U	90	100	420	ug/Kg
87-86-5	Pentachlorophenol	94	U	94	100	420	ug/Kg
85-01-8	Phenanthrene	60	J	37	54	220	ug/Kg
608-93-5	Pentachlorobenzene	66	U	66	54	220	ug/Kg
120-12-7	Anthracene	32	U	32	54	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	63	U	63	54	220	ug/Kg
86-74-8	Carbazole	36	U	36	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	77	U	77	54	220	ug/Kg
206-44-0	Fluoranthene	100	J	69	100	220	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF6			SDG No.:	BP110424
Lab Sample ID:	P4568-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022824.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	62	U	62	54	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	54	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	34	U	34	54	220	ug/Kg
218-01-9	Chrysene	45	J	39	54	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	54	220	ug/Kg
117-84-0	Di-n-octyl phthalate	96	U	96	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	57	J	42	54	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	54	220	ug/Kg
50-32-8	Benzo(a)pyrene	41	U	41	54	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	54	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	36	U	36	54	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33	U	33	54	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	54	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.893	*	15-120		11	SPK: -8
7291-22-7	Pyridine-d5	0.929	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	4.638		10-130		12	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	5.288		10-150		13	SPK: -40
93951-73-6	2-Chlorophenol-d4	5.397	*	15-120		13	SPK: -40
190780-66-6	4-Methylphenol-d8	4.254		10-140		11	SPK: -40
4165-60-0	Nitrobenzene-d5	5.251		10-135		13	SPK: -40
93951-78-1	2-Nitrophenol-d4	5.269		10-120		13	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	5.068		10-140		13	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.609		1-145		4	SPK: -40
85448-30-2	Dimethylphthalate-d6	5.984		10-145		15	SPK: -40
93951-97-4	Acenaphthylene-d8	5.389	*	15-120		13	SPK: -40
93951-79-2	4-Nitrophenol-d4	2.271	*	10-150		6	SPK: -40
81103-79-9	Fluorene-d10	6.204	*	20-140		16	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF6			SDG No.:	BP110424
Lab Sample ID:	P4568-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022824.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.627	*	10-130		7	SPK: -40
1719-06-8	Anthracene-d10	5.624		10-150		14	SPK: -40
1718-52-1	Pyrene-d10	4.619		10-130		12	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	2.909	*	10-140		7	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92982	7.628				
1146-65-2	Naphthalene-d8	353814	10.381				
15067-26-2	Acenaphthene-d10	291979	14.245				
1517-22-2	Phenanthrene-d10	731697	17.051				
1719-03-5	Chrysene-d12	729245	21.492				
1520-96-3	Perylene-d12	834822	24.751				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	30	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF8			SDG No.:	BP110424
Lab Sample ID:	P4568-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	58.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022825.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	26	U	26	15.7	160	ug/Kg
100-52-7	Benzaldehyde	110	U	110	200	780	ug/Kg
110-86-1	Pyridine	78	U	78	390	780	ug/Kg
108-95-2	Phenol	100	U	100	200	780	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	95	U	95	200	780	ug/Kg
95-57-8	2-Chlorophenol	55	U	55	100	400	ug/Kg
95-48-7	2-Methylphenol	93	U	93	200	780	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	200	780	ug/Kg
98-86-2	Acetophenone	95	U	95	200	780	ug/Kg
106-44-5	4-Methylphenol	88	U	88	200	780	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	120	U	120	100	400	ug/Kg
67-72-1	Hexachloroethane	43	U	43	100	400	ug/Kg
98-95-3	Nitrobenzene	74	U	74	100	400	ug/Kg
78-59-1	Isophorone	110	U	110	100	400	ug/Kg
88-75-5	2-Nitrophenol	74	U	74	100	400	ug/Kg
105-67-9	2,4-Dimethylphenol	59	U	59	100	400	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	100	U	100	100	400	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	100	400	ug/Kg
91-20-3	Naphthalene	59	U	59	100	400	ug/Kg
106-47-8	4-Chloroaniline	57	U	57	100	780	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	100	400	ug/Kg
105-60-2	Caprolactam	170	U	170	200	780	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	100	400	ug/Kg
90-12-0	1-Methylnaphthalene	78	U	78	100	400	ug/Kg
91-57-6	2-Methylnaphthalene	55	U	55	100	400	ug/Kg
77-47-4	Hexachlorocyclopentadiene	230	U	230	200	780	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	100	400	ug/Kg
95-95-4	2,4,5-Trichlorophenol	93	U	93	100	400	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF8			SDG No.:	BP110424
Lab Sample ID:	P4568-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	58.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022825.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	100	400	ug/Kg
91-58-7	2-Chloronaphthalene	62	U	62	100	400	ug/Kg
88-74-4	2-Nitroaniline	98	U	98	100	400	ug/Kg
131-11-3	Dimethylphthalate	69	U	69	100	400	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	100	400	ug/Kg
208-96-8	Acenaphthylene	76	U	76	100	400	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	200	780	ug/Kg
83-32-9	Acenaphthene	69	U	69	100	400	ug/Kg
51-28-5	2,4-Dinitrophenol	110	U	110	200	780	ug/Kg
100-02-7	4-Nitrophenol	100	U	100	200	780	ug/Kg
132-64-9	Dibenzofuran	76	U	76	100	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	100	400	ug/Kg
84-66-2	Diethylphthalate	71	U	71	100	400	ug/Kg
86-73-7	Fluorene	59	U	59	100	400	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	48	U	48	100	400	ug/Kg
100-01-6	4-Nitroaniline	74	U	74	200	780	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	180	U	180	200	780	ug/Kg
86-30-6	N-Nitrosodiphenylamine	78	U	78	100	400	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57	U	57	100	400	ug/Kg
101-55-3	4-Bromophenyl-phenylether	69	U	69	100	400	ug/Kg
118-74-1	Hexachlorobenzene	76	U	76	100	400	ug/Kg
1912-24-9	Atrazine	170	U	170	200	780	ug/Kg
87-86-5	Pentachlorophenol	180	U	180	200	780	ug/Kg
85-01-8	Phenanthrene	69	U	69	100	400	ug/Kg
608-93-5	Pentachlorobenzene	120	U	120	100	400	ug/Kg
120-12-7	Anthracene	59	U	59	100	400	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	120	U	120	100	400	ug/Kg
86-74-8	Carbazole	67	U	67	200	780	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	150	100	400	ug/Kg
206-44-0	Fluoranthene	130	U	130	200	400	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF8			SDG No.:	BP110424
Lab Sample ID:	P4568-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	58.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022825.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	120	U	120	100	400	ug/Kg
85-68-7	Butylbenzylphthalate	200	U	200	100	400	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	200	780	ug/Kg
56-55-3	Benzo(a)anthracene	64	U	64	100	400	ug/Kg
218-01-9	Chrysene	74	U	74	100	400	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	230	U	230	100	400	ug/Kg
117-84-0	Di-n-octyl phthalate	180	U	180	200	780	ug/Kg
205-99-2	Benzo(b)fluoranthene	78	U	78	100	400	ug/Kg
207-08-9	Benzo(k)fluoranthene	90	U	90	100	400	ug/Kg
50-32-8	Benzo(a)pyrene	76	U	76	100	400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	74	U	74	100	400	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	67	U	67	100	400	ug/Kg
191-24-2	Benzo(g,h,i)perylene	62	U	62	100	400	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	78	U	78	100	400	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.746		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	14.173		20-120		35	SPK: -40
4165-62-2	Phenol-d5	16.084		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.95		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.583		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	17.137		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	17.406		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.819		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.678		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.114		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.182		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	18.644		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.641		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	19.436		20-140		49	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF8			SDG No.:	BP110424
Lab Sample ID:	P4568-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	58.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022825.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.166		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	19.125		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	19.237		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.861		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85476	7.628				
1146-65-2	Naphthalene-d8	333888	10.375				
15067-26-2	Acenaphthene-d10	256295	14.24				
1517-22-2	Phenanthrene-d10	617192	17.051				
1719-03-5	Chrysene-d12	677795	21.486				
1520-96-3	Perylene-d12	828325	24.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	240	J			15.634	
000057-10-3	n-Hexadecanoic acid	160	J			17.98	
E966796	Total Alkanes	57	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF9			SDG No.:	BP110424
Lab Sample ID:	P4568-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	58.8
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
BP022826.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	16	160	ug/Kg
100-52-7	Benzaldehyde	110	U	110	200	800	ug/Kg
110-86-1	Pyridine	80	U	80	400	800	ug/Kg
108-95-2	Phenol	100	U	100	200	800	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	97	U	97	200	800	ug/Kg
95-57-8	2-Chlorophenol	56	U	56	100	410	ug/Kg
95-48-7	2-Methylphenol	95	U	95	200	800	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	150	200	800	ug/Kg
98-86-2	Acetophenone	97	U	97	200	800	ug/Kg
106-44-5	4-Methylphenol	90	U	90	200	800	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	120	U	120	100	410	ug/Kg
67-72-1	Hexachloroethane	44	U	44	100	410	ug/Kg
98-95-3	Nitrobenzene	75	U	75	100	410	ug/Kg
78-59-1	Isophorone	120	U	120	100	410	ug/Kg
88-75-5	2-Nitrophenol	75	U	75	100	410	ug/Kg
105-67-9	2,4-Dimethylphenol	61	U	61	100	410	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	100	U	100	100	410	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	100	410	ug/Kg
91-20-3	Naphthalene	61	U	61	100	410	ug/Kg
106-47-8	4-Chloroaniline	58	U	58	100	800	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	100	410	ug/Kg
105-60-2	Caprolactam	170	U	170	200	800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	100	410	ug/Kg
90-12-0	1-Methylnaphthalene	80	U	80	100	410	ug/Kg
91-57-6	2-Methylnaphthalene	56	U	56	100	410	ug/Kg
77-47-4	Hexachlorocyclopentadiene	230	U	230	200	800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	100	410	ug/Kg
95-95-4	2,4,5-Trichlorophenol	95	U	95	100	410	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF9			SDG No.:	BP110424
Lab Sample ID:	P4568-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	58.8
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
BP022826.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	100	410	ug/Kg
91-58-7	2-Chloronaphthalene	63	U	63	100	410	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	100	410	ug/Kg
131-11-3	Dimethylphthalate	70	U	70	100	410	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	100	410	ug/Kg
208-96-8	Acenaphthylene	78	U	78	100	410	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	200	800	ug/Kg
83-32-9	Acenaphthene	70	U	70	100	410	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	200	800	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	200	800	ug/Kg
132-64-9	Dibenzofuran	78	U	78	100	410	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	100	410	ug/Kg
84-66-2	Diethylphthalate	73	U	73	100	410	ug/Kg
86-73-7	Fluorene	61	U	61	100	410	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	49	U	49	100	410	ug/Kg
100-01-6	4-Nitroaniline	75	U	75	200	800	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	190	U	190	200	800	ug/Kg
86-30-6	N-Nitrosodiphenylamine	80	U	80	100	410	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U	58	100	410	ug/Kg
101-55-3	4-Bromophenyl-phenylether	70	U	70	100	410	ug/Kg
118-74-1	Hexachlorobenzene	78	U	78	100	410	ug/Kg
1912-24-9	Atrazine	170	U	170	200	800	ug/Kg
87-86-5	Pentachlorophenol	180	U	180	200	800	ug/Kg
85-01-8	Phenanthrene	70	U	70	100	410	ug/Kg
608-93-5	Pentachlorobenzene	130	U	130	100	410	ug/Kg
120-12-7	Anthracene	61	U	61	100	410	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	120	U	120	100	410	ug/Kg
86-74-8	Carbazole	68	U	68	200	800	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	150	100	410	ug/Kg
206-44-0	Fluoranthene	130	U	130	200	410	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF9			SDG No.:	BP110424
Lab Sample ID:	P4568-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	58.8
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
BP022826.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	120	U	120	100	410	ug/Kg
85-68-7	Butylbenzylphthalate	200	U	200	100	410	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	200	800	ug/Kg
56-55-3	Benzo(a)anthracene	66	U	66	100	410	ug/Kg
218-01-9	Chrysene	75	U	75	100	410	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	230	U	230	100	410	ug/Kg
117-84-0	Di-n-octyl phthalate	180	U	180	200	800	ug/Kg
205-99-2	Benzo(b)fluoranthene	80	U	80	100	410	ug/Kg
207-08-9	Benzo(k)fluoranthene	92	U	92	100	410	ug/Kg
50-32-8	Benzo(a)pyrene	78	U	78	100	410	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	75	U	75	100	410	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	68	U	68	100	410	ug/Kg
191-24-2	Benzo(g,h,i)perylene	63	U	63	100	410	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	80	U	80	100	410	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.838		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	13.36		20-120		33	SPK: -40
4165-62-2	Phenol-d5	16.869		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.834		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.441		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	18.459		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	18.485		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.059		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.519		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.457		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.906		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	20.767		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.928		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	22.271		20-140		56	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF9			SDG No.:	BP110424
Lab Sample ID:	P4568-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	58.8
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
BP022826.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.956		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	22.925		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	23.329		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.321		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85446	7.628				
1146-65-2	Naphthalene-d8	321292	10.381				
15067-26-2	Acenaphthene-d10	254718	14.251				
1517-22-2	Phenanthrene-d10	606912	17.057				
1719-03-5	Chrysene-d12	669135	21.474				
1520-96-3	Perylene-d12	772740	24.721				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	380	J			15.64	
000057-10-3	n-Hexadecanoic acid	340	J			17.992	
E966796	Total Alkanes	58	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EA4DL			SDG No.:	BP110424
Lab Sample ID:	P4568-02DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30.2	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022827.D	5	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	55	U	55	32.8	330	ug/Kg
100-52-7	Benzaldehyde	220	U	220	410	1600	ug/Kg
110-86-1	Pyridine	160	U	160	820	1600	ug/Kg
108-95-2	Phenol	880	JD	210	410	1600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	5200	D	200	410	1600	ug/Kg
95-57-8	2-Chlorophenol	2400	D	110	210	840	ug/Kg
95-48-7	2-Methylphenol	190	U	190	410	1600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	300	U	300	410	1600	ug/Kg
98-86-2	Acetophenone	200	U	200	410	1600	ug/Kg
106-44-5	4-Methylphenol	180	U	180	410	1600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	5000	D	250	210	840	ug/Kg
67-72-1	Hexachloroethane	3300	D	89	210	840	ug/Kg
98-95-3	Nitrobenzene	1000	D	150	210	840	ug/Kg
78-59-1	Isophorone	4200	D	240	210	840	ug/Kg
88-75-5	2-Nitrophenol	1200	D	150	210	840	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	210	840	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	4900	D	210	210	840	ug/Kg
120-83-2	2,4-Dichlorophenol	2900	D	79	210	840	ug/Kg
91-20-3	Naphthalene	120	U	120	210	840	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	210	1600	ug/Kg
87-68-3	Hexachlorobutadiene	3900	D	220	210	840	ug/Kg
105-60-2	Caprolactam	360	U	360	410	1600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000	D	240	210	840	ug/Kg
90-12-0	1-Methylnaphthalene	160	U	160	210	840	ug/Kg
91-57-6	2-Methylnaphthalene	1500	D	110	210	840	ug/Kg
77-47-4	Hexachlorocyclopentadiene	470	U	470	410	1600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4500	D	240	210	840	ug/Kg
95-95-4	2,4,5-Trichlorophenol	950	D	190	210	840	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EA4DL			SDG No.:	BP110424
Lab Sample ID:	P4568-02DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30.2	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022827.D	5	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	120	U	120	210	840	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	210	840	ug/Kg
88-74-4	2-Nitroaniline	200	U	200	210	840	ug/Kg
131-11-3	Dimethylphthalate	140	U	140	210	840	ug/Kg
606-20-2	2,6-Dinitrotoluene	6100	D	220	210	840	ug/Kg
208-96-8	Acenaphthylene	530	JD	160	210	840	ug/Kg
99-09-2	3-Nitroaniline	220	U	220	410	1600	ug/Kg
83-32-9	Acenaphthene	3100	D	140	210	840	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	410	1600	ug/Kg
100-02-7	4-Nitrophenol	1500	JD	220	410	1600	ug/Kg
132-64-9	Dibenzofuran	160	U	160	210	840	ug/Kg
121-14-2	2,4-Dinitrotoluene	3700	D	210	210	840	ug/Kg
84-66-2	Diethylphthalate	150	U	150	210	840	ug/Kg
86-73-7	Fluorene	4600	D	120	210	840	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500	D	99	210	840	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	410	1600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380	U	380	410	1600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	160	U	160	210	840	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	210	840	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100	D	140	210	840	ug/Kg
118-74-1	Hexachlorobenzene	6200	D	160	210	840	ug/Kg
1912-24-9	Atrazine	350	U	350	410	1600	ug/Kg
87-86-5	Pentachlorophenol	4900	D	370	410	1600	ug/Kg
85-01-8	Phenanthrene	1100	D	140	210	840	ug/Kg
608-93-5	Pentachlorobenzene	260	U	260	210	840	ug/Kg
120-12-7	Anthracene	1100	D	120	210	840	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	250	U	250	210	840	ug/Kg
86-74-8	Carbazole	140	U	140	410	1600	ug/Kg
84-74-2	Di-n-butylphthalate	3900	D	300	210	840	ug/Kg
206-44-0	Fluoranthene	4200	D	270	410	840	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EA4DL			SDG No.:	BP110424
Lab Sample ID:	P4568-02DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30.2	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022827.D	5	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1700	D	240	210	840	ug/Kg
85-68-7	Butylbenzylphthalate	900	D	420	210	840	ug/Kg
91-94-1	3,3-Dichlorobenzidine	240	U	240	410	1600	ug/Kg
56-55-3	Benzo(a)anthracene	3100	D	130	210	840	ug/Kg
218-01-9	Chrysene	5000	D	150	210	840	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4000	D	480	210	840	ug/Kg
117-84-0	Di-n-octyl phthalate	380	U	380	410	1600	ug/Kg
205-99-2	Benzo(b)fluoranthene	4300	D	160	210	840	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	U	190	210	840	ug/Kg
50-32-8	Benzo(a)pyrene	960	D	160	210	840	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	750	JD	150	210	840	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1900	D	140	210	840	ug/Kg
191-24-2	Benzo(g,h,i)perylene	680	JD	130	210	840	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	160	210	840	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.495		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	17.415		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.14		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.49		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	14.945		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	18.495		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.495		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.89		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.025		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.66		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	20.62		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.965		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	21.52		20-140		54	SPK: -40

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Report of Analysis

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Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EA4DL			SDG No.:	BP110424
Lab Sample ID:	P4568-02DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30.2	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022827.D	5	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.39		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	21.195		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	22.9		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.245		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82147	7.628				
1146-65-2	Naphthalene-d8	316276	10.381				
15067-26-2	Acenaphthene-d10	250854	14.245				
1517-22-2	Phenanthrene-d10	587113	17.045				
1719-03-5	Chrysene-d12	599201	21.486				
1520-96-3	Perylene-d12	725940	24.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-73-1	Benzene, 1,3-dichloro-	5300	JD			7.975	
E966796	Total Alkanes	120	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EG0			SDG No.:	BP110424
Lab Sample ID:	P4568-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	47.6
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
BP022828.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	21	U	21	12.6	130	ug/Kg
100-52-7	Benzaldehyde	86	U	86	160	630	ug/Kg
110-86-1	Pyridine	63	U	63	310	630	ug/Kg
108-95-2	Phenol	120	J	82	160	630	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	76	U	76	160	630	ug/Kg
95-57-8	2-Chlorophenol	44	U	44	81.1	320	ug/Kg
95-48-7	2-Methylphenol	74	U	74	160	630	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	630	ug/Kg
98-86-2	Acetophenone	320	J	76	160	630	ug/Kg
106-44-5	4-Methylphenol	71	U	71	160	630	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	97	U	97	81.1	320	ug/Kg
67-72-1	Hexachloroethane	34	U	34	81.1	320	ug/Kg
98-95-3	Nitrobenzene	59	U	59	81.1	320	ug/Kg
78-59-1	Isophorone	92	U	92	81.1	320	ug/Kg
88-75-5	2-Nitrophenol	59	U	59	81.1	320	ug/Kg
105-67-9	2,4-Dimethylphenol	48	U	48	81.1	320	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	82	U	82	81.1	320	ug/Kg
120-83-2	2,4-Dichlorophenol	31	U	31	81.1	320	ug/Kg
91-20-3	Naphthalene	68	J	48	81.1	320	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	81.1	630	ug/Kg
87-68-3	Hexachlorobutadiene	84	U	84	81.1	320	ug/Kg
105-60-2	Caprolactam	140	U	140	160	630	ug/Kg
59-50-7	4-Chloro-3-methylphenol	94	U	94	81.1	320	ug/Kg
90-12-0	1-Methylnaphthalene	63	U	63	81.1	320	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	81.1	320	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	160	630	ug/Kg
88-06-2	2,4,6-Trichlorophenol	94	U	94	81.1	320	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	81.1	320	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EG0			SDG No.:	BP110424
Lab Sample ID:	P4568-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	47.6
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
BP022828.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	46	U	46	81.1	320	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	81.1	320	ug/Kg
88-74-4	2-Nitroaniline	78	U	78	81.1	320	ug/Kg
131-11-3	Dimethylphthalate	55	U	55	81.1	320	ug/Kg
606-20-2	2,6-Dinitrotoluene	84	U	84	81.1	320	ug/Kg
208-96-8	Acenaphthylene	61	U	61	81.1	320	ug/Kg
99-09-2	3-Nitroaniline	84	U	84	160	630	ug/Kg
83-32-9	Acenaphthene	120	J	55	81.1	320	ug/Kg
51-28-5	2,4-Dinitrophenol	92	U	92	160	630	ug/Kg
100-02-7	4-Nitrophenol	84	U	84	160	630	ug/Kg
132-64-9	Dibenzofuran	82	J	61	81.1	320	ug/Kg
121-14-2	2,4-Dinitrotoluene	82	U	82	81.1	320	ug/Kg
84-66-2	Diethylphthalate	57	U	57	81.1	320	ug/Kg
86-73-7	Fluorene	100	J	48	81.1	320	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	38	U	38	81.1	320	ug/Kg
100-01-6	4-Nitroaniline	59	U	59	160	630	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	160	630	ug/Kg
86-30-6	N-Nitrosodiphenylamine	63	U	63	81.1	320	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	46	U	46	81.1	320	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	81.1	320	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	81.1	320	ug/Kg
1912-24-9	Atrazine	140	U	140	160	630	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	160	630	ug/Kg
85-01-8	Phenanthrene	820		55	81.1	320	ug/Kg
608-93-5	Pentachlorobenzene	99	U	99	81.1	320	ug/Kg
120-12-7	Anthracene	130	J	48	81.1	320	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	95	U	95	81.1	320	ug/Kg
86-74-8	Carbazole	53	U	53	160	630	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	81.1	320	ug/Kg
206-44-0	Fluoranthene	730		100	160	320	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EG0			SDG No.:	BP110424
Lab Sample ID:	P4568-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	47.6
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
BP022828.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	380		94	81.1	320	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	160	81.1	320	ug/Kg
91-94-1	3,3-Dichlorobenzidine	92	U	92	160	630	ug/Kg
56-55-3	Benzo(a)anthracene	250	J	52	81.1	320	ug/Kg
218-01-9	Chrysene	260	J	59	81.1	320	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	210	J	180	81.1	320	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	160	630	ug/Kg
205-99-2	Benzo(b)fluoranthene	250	J	63	81.1	320	ug/Kg
207-08-9	Benzo(k)fluoranthene	99	J	73	81.1	320	ug/Kg
50-32-8	Benzo(a)pyrene	78	J	61	81.1	320	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	59	U	59	81.1	320	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53	U	53	81.1	320	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50	U	50	81.1	320	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	63	U	63	81.1	320	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.583		15-120		20	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	7.989		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	8.592		10-150		21	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.048		15-120		23	SPK: -40
190780-66-6	4-Methylphenol-d8	7.592		10-140		19	SPK: -40
4165-60-0	Nitrobenzene-d5	9.021		10-135		23	SPK: -40
93951-78-1	2-Nitrophenol-d4	8.754		10-120		22	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.921		10-140		22	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.046		1-145		5	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.91		10-145		25	SPK: -40
93951-97-4	Acenaphthylene-d8	9.344		15-120		23	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.968		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	10.404		20-140		26	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EG0			SDG No.:	BP110424
Lab Sample ID:	P4568-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	47.6
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
BP022828.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.54		10-130		11	SPK: -40
1719-06-8	Anthracene-d10	9.705		10-150		24	SPK: -40
1718-52-1	Pyrene-d10	7.582		10-130		19	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.024		10-140		13	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87284	7.628				
1146-65-2	Naphthalene-d8	323817	10.387				
15067-26-2	Acenaphthene-d10	256130	14.245				
1517-22-2	Phenanthrene-d10	622477	17.045				
1719-03-5	Chrysene-d12	724912	21.492				
1520-96-3	Perylene-d12	877551	24.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	190	J			15.622	
000057-10-3	n-Hexadecanoic acid	220	J			17.975	
	(DEL) Alkane: Straight-Chain23.868	210	J			23.868	
E966796	Total Alkanes	210				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SBLK462			SDG No.:	BP110424
Lab Sample ID:	PB164462BL			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
BP022830.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	330	ug/Kg
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
108-95-2	Phenol	43	U	43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	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)	60	U	60	82.5	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	31	U	31	42.5	170	ug/Kg
78-59-1	Isophorone	48	U	48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	16	U	16	42.5	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.5	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	23	U	23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	42.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SBLK462			SDG No.:	BP110424
Lab Sample ID:	PB164462BL			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
BP022830.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	32	U	32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.5	330	ug/Kg
83-32-9	Acenaphthene	29	U	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.5	170	ug/Kg
86-73-7	Fluorene	25	U	25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.5	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	74	U	74	82.5	330	ug/Kg
85-01-8	Phenanthrene	29	U	29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.5	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.5	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	42.5	170	ug/Kg
206-44-0	Fluoranthene	54	U	54	82.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SBLK462			SDG No.:	BP110424
Lab Sample ID:	PB164462BL			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
BP022830.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.431		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	23.385		20-120		58	SPK: -40
4165-62-2	Phenol-d5	23.837		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.716		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.925		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	23.915		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	24.963		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.736		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.634		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.964		1-145		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.107		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	26.193		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.692		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	27.357		20-140		68	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SBLK462			SDG No.:	BP110424
Lab Sample ID:	PB164462BL			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
BP022830.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.655		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	27.084		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	27.136		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.005		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66001	7.628				
1146-65-2	Naphthalene-d8	248643	10.387				
15067-26-2	Acenaphthene-d10	195141	14.251				
1517-22-2	Phenanthrene-d10	493892	17.051				
1719-03-5	Chrysene-d12	568243	21.486				
1520-96-3	Perylene-d12	643048	24.733				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EA4			SDG No.:	BP110424
Lab Sample ID:	P4568-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30.2	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022831.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	66	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82	330	ug/Kg
110-86-1	Pyridine	33	U	33	160	330	ug/Kg
108-95-2	Phenol	790		43	82	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4600		40	82	330	ug/Kg
95-57-8	2-Chlorophenol	2100		23	42.2	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	4700	E	51	42.2	170	ug/Kg
67-72-1	Hexachloroethane	3100	E	18	42.2	170	ug/Kg
98-95-3	Nitrobenzene	920		31	42.2	170	ug/Kg
78-59-1	Isophorone	3900	E	48	42.2	170	ug/Kg
88-75-5	2-Nitrophenol	1100		31	42.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.2	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	4500	E	43	42.2	170	ug/Kg
120-83-2	2,4-Dichlorophenol	2700	E	16	42.2	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.2	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.2	330	ug/Kg
87-68-3	Hexachlorobutadiene	3800	E	44	42.2	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		49	42.2	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.2	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		23	42.2	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	94	U	94	82	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4300	E	49	42.2	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	930		39	42.2	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EA4			SDG No.:	BP110424
Lab Sample ID:	P4568-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30.2	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022831.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.2	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.2	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.2	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.2	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	6000	E	44	42.2	170	ug/Kg
208-96-8	Acenaphthylene	470		32	42.2	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82	330	ug/Kg
83-32-9	Acenaphthene	2800	E	29	42.2	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82	330	ug/Kg
100-02-7	4-Nitrophenol	2000		44	82	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.2	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	3800	E	43	42.2	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.2	170	ug/Kg
86-73-7	Fluorene	4300	E	25	42.2	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		20	42.2	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76	U	76	82	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.2	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.2	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		29	42.2	170	ug/Kg
118-74-1	Hexachlorobenzene	5900	E	32	42.2	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82	330	ug/Kg
87-86-5	Pentachlorophenol	5200		74	82	330	ug/Kg
85-01-8	Phenanthrene	1000		29	42.2	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.2	170	ug/Kg
120-12-7	Anthracene	980		25	42.2	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.2	170	ug/Kg
86-74-8	Carbazole	28	U	28	82	330	ug/Kg
84-74-2	Di-n-butylphthalate	3900	E	61	42.2	170	ug/Kg
206-44-0	Fluoranthene	3800	E	54	82	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EA4			SDG No.:	BP110424
Lab Sample ID:	P4568-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30.2	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022831.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1500		49	42.2	170	ug/Kg
85-68-7	Butylbenzylphthalate	980		83	42.2	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82	330	ug/Kg
56-55-3	Benzo(a)anthracene	2800	E	27	42.2	170	ug/Kg
218-01-9	Chrysene	4500	E	31	42.2	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4200	E	95	42.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	75	U	75	82	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	3800	E	33	42.2	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.2	170	ug/Kg
50-32-8	Benzo(a)pyrene	890		32	42.2	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	720		31	42.2	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		28	42.2	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	630		26	42.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.2	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.644		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	16.276		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.614		10-150		39	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.534		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	15.287		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	17.562		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.72		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.884		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.66		1-145		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.077		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	18.595		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.979		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	19.958		20-140		50	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EA4			SDG No.:	BP110424
Lab Sample ID:	P4568-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30.2	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022831.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.859		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	19.246		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	20.456		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.645		10-140		49	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79682	7.628				
1146-65-2	Naphthalene-d8	309461	10.387				
15067-26-2	Acenaphthene-d10	258967	14.257				
1517-22-2	Phenanthrene-d10	655932	17.063				
1719-03-5	Chrysene-d12	713524	21.498				
1520-96-3	Perylene-d12	847830	24.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-73-1	Benzene, 1,3-dichloro-	5500	J			7.969	
001125-21-9	2,6,6-Trimethyl-2-cyclohexene-1,4-	120	J			9.634	
000608-93-5	Benzene, pentachloro-	93	J			14.581	
000119-61-9	Benzophenone	200	J			15.645	
000057-10-3	n-Hexadecanoic acid	160	J			17.998	
000084-65-1	9,10-Anthracenedione	100	J			18.545	
E966796	Total Alkanes	24	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EA4DL			SDG No.:	BP110424
Lab Sample ID:	P4568-02DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30.2	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022832.D	5	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	55	U	55	32.8	330	ug/Kg
100-52-7	Benzaldehyde	220	U	220	410	1600	ug/Kg
110-86-1	Pyridine	160	U	160	820	1600	ug/Kg
108-95-2	Phenol	870	JD	210	410	1600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	5100	D	200	410	1600	ug/Kg
95-57-8	2-Chlorophenol	2400	D	110	210	840	ug/Kg
95-48-7	2-Methylphenol	190	U	190	410	1600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	300	U	300	410	1600	ug/Kg
98-86-2	Acetophenone	200	U	200	410	1600	ug/Kg
106-44-5	4-Methylphenol	180	U	180	410	1600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	4800	D	250	210	840	ug/Kg
67-72-1	Hexachloroethane	3400	D	89	210	840	ug/Kg
98-95-3	Nitrobenzene	990	D	150	210	840	ug/Kg
78-59-1	Isophorone	4100	D	240	210	840	ug/Kg
88-75-5	2-Nitrophenol	1200	D	150	210	840	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	210	840	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	4900	D	210	210	840	ug/Kg
120-83-2	2,4-Dichlorophenol	3000	D	79	210	840	ug/Kg
91-20-3	Naphthalene	120	U	120	210	840	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	210	1600	ug/Kg
87-68-3	Hexachlorobutadiene	3900	D	220	210	840	ug/Kg
105-60-2	Caprolactam	360	U	360	410	1600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000	D	240	210	840	ug/Kg
90-12-0	1-Methylnaphthalene	160	U	160	210	840	ug/Kg
91-57-6	2-Methylnaphthalene	1500	D	110	210	840	ug/Kg
77-47-4	Hexachlorocyclopentadiene	470	U	470	410	1600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4600	D	240	210	840	ug/Kg
95-95-4	2,4,5-Trichlorophenol	990	D	190	210	840	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EA4DL			SDG No.:	BP110424
Lab Sample ID:	P4568-02DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30.2	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022832.D	5	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	120	U	120	210	840	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	210	840	ug/Kg
88-74-4	2-Nitroaniline	200	U	200	210	840	ug/Kg
131-11-3	Dimethylphthalate	140	U	140	210	840	ug/Kg
606-20-2	2,6-Dinitrotoluene	6100	D	220	210	840	ug/Kg
208-96-8	Acenaphthylene	530	JD	160	210	840	ug/Kg
99-09-2	3-Nitroaniline	220	U	220	410	1600	ug/Kg
83-32-9	Acenaphthene	3100	D	140	210	840	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	410	1600	ug/Kg
100-02-7	4-Nitrophenol	1600	D	220	410	1600	ug/Kg
132-64-9	Dibenzofuran	160	U	160	210	840	ug/Kg
121-14-2	2,4-Dinitrotoluene	3700	D	210	210	840	ug/Kg
84-66-2	Diethylphthalate	150	U	150	210	840	ug/Kg
86-73-7	Fluorene	4700	D	120	210	840	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500	D	99	210	840	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	410	1600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380	U	380	410	1600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	160	U	160	210	840	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	210	840	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100	D	140	210	840	ug/Kg
118-74-1	Hexachlorobenzene	6200	D	160	210	840	ug/Kg
1912-24-9	Atrazine	350	U	350	410	1600	ug/Kg
87-86-5	Pentachlorophenol	4900	D	370	410	1600	ug/Kg
85-01-8	Phenanthrene	1200	D	140	210	840	ug/Kg
608-93-5	Pentachlorobenzene	260	U	260	210	840	ug/Kg
120-12-7	Anthracene	1100	D	120	210	840	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	250	U	250	210	840	ug/Kg
86-74-8	Carbazole	140	U	140	410	1600	ug/Kg
84-74-2	Di-n-butylphthalate	3900	D	300	210	840	ug/Kg
206-44-0	Fluoranthene	4300	D	270	410	840	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EA4DL			SDG No.:	BP110424
Lab Sample ID:	P4568-02DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30.2	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022832.D	5	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1800	D	240	210	840	ug/Kg
85-68-7	Butylbenzylphthalate	940	D	420	210	840	ug/Kg
91-94-1	3,3-Dichlorobenzidine	240	U	240	410	1600	ug/Kg
56-55-3	Benzo(a)anthracene	3200	D	130	210	840	ug/Kg
218-01-9	Chrysene	4900	D	150	210	840	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4200	D	480	210	840	ug/Kg
117-84-0	Di-n-octyl phthalate	380	U	380	410	1600	ug/Kg
205-99-2	Benzo(b)fluoranthene	4400	D	160	210	840	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	U	190	210	840	ug/Kg
50-32-8	Benzo(a)pyrene	950	D	160	210	840	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	750	JD	150	210	840	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1900	D	140	210	840	ug/Kg
191-24-2	Benzo(g,h,i)perylene	670	JD	130	210	840	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	160	210	840	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.935		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	16.62		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.79		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.065		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	15.7		10-140		39	SPK: -40
4165-60-0	Nitrobenzene-d5	18.835		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.09		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.465		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.93		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.66		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	20.785		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.385		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	21.62		20-140		54	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EA4DL			SDG No.:	BP110424
Lab Sample ID:	P4568-02DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30.2	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022832.D	5	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.19		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	20.96		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	23.5		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.015		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	86351	7.628				
1146-65-2	Naphthalene-d8	322689	10.381				
15067-26-2	Acenaphthene-d10	255518	14.251				
1517-22-2	Phenanthrene-d10	618023	17.057				
1719-03-5	Chrysene-d12	623939	21.48				
1520-96-3	Perylene-d12	761305	24.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-50-1	Benzene, 1,2-dichloro-	5900	JD			7.975	
E966796	Total Alkanes	120	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF6			SDG No.:	BP110424
Lab Sample ID:	P4568-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022833.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.4	85	ug/Kg
100-52-7	Benzaldehyde	57	U	57	100	420	ug/Kg
110-86-1	Pyridine	42	U	42	210	420	ug/Kg
108-95-2	Phenol	91	J	55	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	51	U	51	100	420	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	54	220	ug/Kg
95-48-7	2-Methylphenol	50	U	50	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	76	U	76	100	420	ug/Kg
98-86-2	Acetophenone	290	J	51	100	420	ug/Kg
106-44-5	4-Methylphenol	47	U	47	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	65	U	65	54	220	ug/Kg
67-72-1	Hexachloroethane	23	U	23	54	220	ug/Kg
98-95-3	Nitrobenzene	39	U	39	54	220	ug/Kg
78-59-1	Isophorone	61	U	61	54	220	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	54	220	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	54	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	54	220	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	54	220	ug/Kg
91-20-3	Naphthalene	32	U	32	54	220	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	54	420	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	54	220	ug/Kg
105-60-2	Caprolactam	91	U	91	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	62	U	62	54	220	ug/Kg
90-12-0	1-Methylnaphthalene	42	U	42	54	220	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	54	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	54	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	54	220	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF6			SDG No.:	BP110424
Lab Sample ID:	P4568-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022833.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	54	220	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	54	220	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	54	220	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	54	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	56	U	56	54	220	ug/Kg
208-96-8	Acenaphthylene	41	U	41	54	220	ug/Kg
99-09-2	3-Nitroaniline	56	U	56	100	420	ug/Kg
83-32-9	Acenaphthene	37	U	37	54	220	ug/Kg
51-28-5	2,4-Dinitrophenol	61	U	61	100	420	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	100	420	ug/Kg
132-64-9	Dibenzofuran	41	U	41	54	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	54	220	ug/Kg
84-66-2	Diethylphthalate	38	U	38	54	220	ug/Kg
86-73-7	Fluorene	32	U	32	54	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	54	220	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	98	U	98	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	54	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	54	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	54	220	ug/Kg
118-74-1	Hexachlorobenzene	41	U	41	54	220	ug/Kg
1912-24-9	Atrazine	90	U	90	100	420	ug/Kg
87-86-5	Pentachlorophenol	94	U	94	100	420	ug/Kg
85-01-8	Phenanthrene	61	J	37	54	220	ug/Kg
608-93-5	Pentachlorobenzene	66	U	66	54	220	ug/Kg
120-12-7	Anthracene	32	U	32	54	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	63	U	63	54	220	ug/Kg
86-74-8	Carbazole	36	U	36	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	77	U	77	54	220	ug/Kg
206-44-0	Fluoranthene	100	J	69	100	220	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF6			SDG No.:	BP110424
Lab Sample ID:	P4568-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022833.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	62	U	62	54	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	54	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	34	U	34	54	220	ug/Kg
218-01-9	Chrysene	46	J	39	54	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	54	220	ug/Kg
117-84-0	Di-n-octyl phthalate	96	U	96	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	54	J	42	54	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	54	220	ug/Kg
50-32-8	Benzo(a)pyrene	41	U	41	54	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	54	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	36	U	36	54	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33	U	33	54	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	54	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.968	*	15-120		12	SPK: -8
7291-22-7	Pyridine-d5	0.758	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	9.346		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.046		10-150		25	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.488		15-120		26	SPK: -40
190780-66-6	4-Methylphenol-d8	8.72		10-140		22	SPK: -40
4165-60-0	Nitrobenzene-d5	10.998		10-135		27	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.948		10-120		27	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	10.307		10-140		26	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.702		1-145		14	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.616		10-145		29	SPK: -40
93951-97-4	Acenaphthylene-d8	10.851		15-120		27	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.37		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	11.651		20-140		29	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF6			SDG No.:	BP110424
Lab Sample ID:	P4568-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022833.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.421		10-130		16	SPK: -40
1719-06-8	Anthracene-d10	11.004		10-150		28	SPK: -40
1718-52-1	Pyrene-d10	9.981		10-130		25	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	8.193		10-140		20	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92708	7.628				
1146-65-2	Naphthalene-d8	347935	10.387				
15067-26-2	Acenaphthene-d10	276846	14.251				
1517-22-2	Phenanthrene-d10	665146	17.051				
1719-03-5	Chrysene-d12	701885	21.48				
1520-96-3	Perylene-d12	827537	24.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	91	J			17.992	
E966796	Total Alkanes	30	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE6			SDG No.:	BP110424
Lab Sample ID:	P4568-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	52.9
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022834.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	23	U	23	14	140	ug/Kg
100-52-7	Benzaldehyde	96	U	96	180	700	ug/Kg
110-86-1	Pyridine	70	U	70	350	700	ug/Kg
108-95-2	Phenol	180	J	91	180	700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	85	U	85	180	700	ug/Kg
95-57-8	2-Chlorophenol	49	U	49	90.2	360	ug/Kg
95-48-7	2-Methylphenol	83	U	83	180	700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	180	700	ug/Kg
98-86-2	Acetophenone	510	J	85	180	700	ug/Kg
106-44-5	4-Methylphenol	79	U	79	180	700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	90.2	360	ug/Kg
67-72-1	Hexachloroethane	38	U	38	90.2	360	ug/Kg
98-95-3	Nitrobenzene	66	U	66	90.2	360	ug/Kg
78-59-1	Isophorone	100	U	100	90.2	360	ug/Kg
88-75-5	2-Nitrophenol	66	U	66	90.2	360	ug/Kg
105-67-9	2,4-Dimethylphenol	53	U	53	90.2	360	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	91	U	91	90.2	360	ug/Kg
120-83-2	2,4-Dichlorophenol	34	U	34	90.2	360	ug/Kg
91-20-3	Naphthalene	53	U	53	90.2	360	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	90.2	700	ug/Kg
87-68-3	Hexachlorobutadiene	93	U	93	90.2	360	ug/Kg
105-60-2	Caprolactam	150	U	150	180	700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	90.2	360	ug/Kg
90-12-0	1-Methylnaphthalene	70	U	70	90.2	360	ug/Kg
91-57-6	2-Methylnaphthalene	49	U	49	90.2	360	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	180	700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	90.2	360	ug/Kg
95-95-4	2,4,5-Trichlorophenol	83	U	83	90.2	360	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE6			SDG No.:	BP110424
Lab Sample ID:	P4568-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	52.9
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022834.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	51	U	51	90.2	360	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	90.2	360	ug/Kg
88-74-4	2-Nitroaniline	87	U	87	90.2	360	ug/Kg
131-11-3	Dimethylphthalate	62	U	62	90.2	360	ug/Kg
606-20-2	2,6-Dinitrotoluene	93	U	93	90.2	360	ug/Kg
208-96-8	Acenaphthylene	68	U	68	90.2	360	ug/Kg
99-09-2	3-Nitroaniline	93	U	93	180	700	ug/Kg
83-32-9	Acenaphthene	62	U	62	90.2	360	ug/Kg
51-28-5	2,4-Dinitrophenol	100	U	100	180	700	ug/Kg
100-02-7	4-Nitrophenol	93	U	93	180	700	ug/Kg
132-64-9	Dibenzofuran	68	U	68	90.2	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	91	U	91	90.2	360	ug/Kg
84-66-2	Diethylphthalate	64	U	64	90.2	360	ug/Kg
86-73-7	Fluorene	53	U	53	90.2	360	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	42	U	42	90.2	360	ug/Kg
100-01-6	4-Nitroaniline	66	U	66	180	700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	180	700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	70	U	70	90.2	360	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	90.2	360	ug/Kg
101-55-3	4-Bromophenyl-phenylether	62	U	62	90.2	360	ug/Kg
118-74-1	Hexachlorobenzene	68	U	68	90.2	360	ug/Kg
1912-24-9	Atrazine	150	U	150	180	700	ug/Kg
87-86-5	Pentachlorophenol	160	U	160	180	700	ug/Kg
85-01-8	Phenanthrene	260	J	62	90.2	360	ug/Kg
608-93-5	Pentachlorobenzene	110	U	110	90.2	360	ug/Kg
120-12-7	Anthracene	53	U	53	90.2	360	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	110	U	110	90.2	360	ug/Kg
86-74-8	Carbazole	59	U	59	180	700	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	90.2	360	ug/Kg
206-44-0	Fluoranthene	370		110	180	360	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE6			SDG No.:	BP110424
Lab Sample ID:	P4568-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	52.9
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022834.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	200	J	100	90.2	360	ug/Kg
85-68-7	Butylbenzylphthalate	180	U	180	90.2	360	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	180	700	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	57	90.2	360	ug/Kg
218-01-9	Chrysene	150	J	66	90.2	360	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	200	U	200	90.2	360	ug/Kg
117-84-0	Di-n-octyl phthalate	160	U	160	180	700	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	70	90.2	360	ug/Kg
207-08-9	Benzo(k)fluoranthene	81	U	81	90.2	360	ug/Kg
50-32-8	Benzo(a)pyrene	68	U	68	90.2	360	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	66	U	66	90.2	360	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	59	U	59	90.2	360	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55	U	55	90.2	360	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	70	U	70	90.2	360	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.049	*	15-120		13	SPK: -8
7291-22-7	Pyridine-d5	0.832	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	5.965		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	5.891		10-150		15	SPK: -40
93951-73-6	2-Chlorophenol-d4	6.47		15-120		16	SPK: -40
190780-66-6	4-Methylphenol-d8	4.971		10-140		12	SPK: -40
4165-60-0	Nitrobenzene-d5	6.507		10-135		16	SPK: -40
93951-78-1	2-Nitrophenol-d4	6.398		10-120		16	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	6.531		10-140		16	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.016		1-145		5	SPK: -40
85448-30-2	Dimethylphthalate-d6	7.526		10-145		19	SPK: -40
93951-97-4	Acenaphthylene-d8	6.894		15-120		17	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.709	*	10-150		9	SPK: -40
81103-79-9	Fluorene-d10	7.891		20-140		20	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE6			SDG No.:	BP110424
Lab Sample ID:	P4568-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	52.9
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022834.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.019	*	10-130		8	SPK: -40
1719-06-8	Anthracene-d10	7.122		10-150		18	SPK: -40
1718-52-1	Pyrene-d10	6.327		10-130		16	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	4.06		10-140		10	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74727	7.628				
1146-65-2	Naphthalene-d8	286093	10.387				
15067-26-2	Acenaphthene-d10	222359	14.257				
1517-22-2	Phenanthrene-d10	549177	17.057				
1719-03-5	Chrysene-d12	556580	21.48				
1520-96-3	Perylene-d12	701282	24.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	140	J			17.998	
	(DEL) Alkane: Straight-Chain23.851	350	J			23.851	
E966796	Total Alkanes	350				99	ug/Kg

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Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4ED0			SDG No.:	BP110424
Lab Sample ID:	P4581-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022835.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.6	77	ug/Kg
100-52-7	Benzaldehyde	52	U	52	95.4	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	50	U	50	95.4	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	95.4	380	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	49.1	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	95.4	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	69	U	69	95.4	380	ug/Kg
98-86-2	Acetophenone	200	J	46	95.4	380	ug/Kg
106-44-5	4-Methylphenol	43	U	43	95.4	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	59	49.1	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	49.1	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	49.1	200	ug/Kg
78-59-1	Isophorone	55	U	55	49.1	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	49.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	49.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	49.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	49.1	200	ug/Kg
91-20-3	Naphthalene	53	J	29	49.1	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	49.1	380	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	49.1	200	ug/Kg
105-60-2	Caprolactam	83	U	83	95.4	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57	U	57	49.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	49.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	49.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	95.4	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	49.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	49.1	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4ED0			SDG No.:	BP110424
Lab Sample ID:	P4581-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022835.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	49.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	49.1	200	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	49.1	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	49.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	51	49.1	200	ug/Kg
208-96-8	Acenaphthylene	37	U	37	49.1	200	ug/Kg
99-09-2	3-Nitroaniline	51	U	51	95.4	380	ug/Kg
83-32-9	Acenaphthene	34	U	34	49.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	55	U	55	95.4	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95.4	380	ug/Kg
132-64-9	Dibenzofuran	40	J	37	49.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	50	U	50	49.1	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	49.1	200	ug/Kg
86-73-7	Fluorene	45	J	29	49.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.1	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	95.4	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	89	U	89	95.4	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	49.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	49.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	49.1	200	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	49.1	200	ug/Kg
1912-24-9	Atrazine	82	U	82	95.4	380	ug/Kg
87-86-5	Pentachlorophenol	86	U	86	95.4	380	ug/Kg
85-01-8	Phenanthrene	510		34	49.1	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	49.1	200	ug/Kg
120-12-7	Anthracene	70	J	29	49.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	58	U	58	49.1	200	ug/Kg
86-74-8	Carbazole	46	J	32	95.4	380	ug/Kg
84-74-2	Di-n-butylphthalate	71	U	71	49.1	200	ug/Kg
206-44-0	Fluoranthene	530		62	95.4	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4ED0			SDG No.:	BP110424
Lab Sample ID:	P4581-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022835.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	240		57	49.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	97	U	97	49.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	95.4	380	ug/Kg
56-55-3	Benzo(a)anthracene	180	J	31	49.1	200	ug/Kg
218-01-9	Chrysene	200		36	49.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	49.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	88	U	88	95.4	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	220		38	49.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	76	J	44	49.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	57	J	37	49.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	J	36	49.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	49.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	49.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	49.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.93	*	15-120		12	SPK: -8
7291-22-7	Pyridine-d5	1.033	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	5.312		10-130		13	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.271		10-150		16	SPK: -40
93951-73-6	2-Chlorophenol-d4	6.244		15-120		16	SPK: -40
190780-66-6	4-Methylphenol-d8	3.18	*	10-140		8	SPK: -40
4165-60-0	Nitrobenzene-d5	6.408		10-135		16	SPK: -40
93951-78-1	2-Nitrophenol-d4	6.635		10-120		17	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	5.785		10-140		14	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.069		1-145		8	SPK: -40
85448-30-2	Dimethylphthalate-d6	7.25		10-145		18	SPK: -40
93951-97-4	Acenaphthylene-d8	6.502		15-120		16	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.976		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	7.225	*	20-140		18	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4ED0			SDG No.:	BP110424
Lab Sample ID:	P4581-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022835.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.492	*	10-130		9	SPK: -40
1719-06-8	Anthracene-d10	6.953		10-150		17	SPK: -40
1718-52-1	Pyrene-d10	5.41		10-130		14	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	3.592	*	10-140		9	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89870	7.628				
1146-65-2	Naphthalene-d8	341778	10.381				
15067-26-2	Acenaphthene-d10	275472	14.245				
1517-22-2	Phenanthrene-d10	666057	17.045				
1719-03-5	Chrysene-d12	745669	21.486				
1520-96-3	Perylene-d12	848379	24.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	140	J			15.64	
000832-69-9	Phenanthrene, 1-methyl-	77	J			18.004	
E966796	Total Alkanes	28	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4EA8			SDG No.:	BP110424
Lab Sample ID:	P4581-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022836.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8	81	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	52	U	52	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	51.5	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73	U	73	100	400	ug/Kg
98-86-2	Acetophenone	49	U	49	100	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	51.5	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51.5	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	51.5	210	ug/Kg
78-59-1	Isophorone	58	U	58	51.5	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	51.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	51.5	210	ug/Kg
91-20-3	Naphthalene	30	U	30	51.5	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51.5	400	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	51.5	210	ug/Kg
105-60-2	Caprolactam	87	U	87	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	59	51.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	51.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	51.5	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4EA8			SDG No.:	BP110424
Lab Sample ID:	P4581-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022836.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	51.5	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	51.5	210	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	51.5	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	51.5	210	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	100	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	100	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	100	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	51.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51.5	210	ug/Kg
84-66-2	Diethylphthalate	36	U	36	51.5	210	ug/Kg
86-73-7	Fluorene	30	U	30	51.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.5	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	93	U	93	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51.5	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	51.5	210	ug/Kg
1912-24-9	Atrazine	86	U	86	100	400	ug/Kg
87-86-5	Pentachlorophenol	90	U	90	100	400	ug/Kg
85-01-8	Phenanthrene	35	U	35	51.5	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	51.5	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	51.5	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	51.5	210	ug/Kg
206-44-0	Fluoranthene	65	U	65	100	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4EA8			SDG No.:	BP110424
Lab Sample ID:	P4581-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022836.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	59	U	59	51.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	51.5	210	ug/Kg
218-01-9	Chrysene	38	U	38	51.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	92	U	92	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	51.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	51.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	51.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	51.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.6		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	13.315		20-120		33	SPK: -40
4165-62-2	Phenol-d5	16.457		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.417		10-150		39	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.43		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	17.446		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	17.607		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.751		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.38		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.417		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.243		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	18.034		15-120		45	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.624		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	18.431		20-140		46	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4EA8			SDG No.:	BP110424
Lab Sample ID:	P4581-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022836.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.308		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	17.81		10-150		45	SPK: -40
1718-52-1	Pyrene-d10	19.825		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.984		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93081	7.628				
1146-65-2	Naphthalene-d8	355990	10.381				
15067-26-2	Acenaphthene-d10	281323	14.245				
1517-22-2	Phenanthrene-d10	674130	17.057				
1719-03-5	Chrysene-d12	677970	21.474				
1520-96-3	Perylene-d12	792278	24.721				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	330	J			15.633	
000057-10-3	n-Hexadecanoic acid	180	J			17.992	
E966796	Total Alkanes	29	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4EC7			SDG No.:	BP110424
Lab Sample ID:	P4581-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.2
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022837.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.8	78	ug/Kg
100-52-7	Benzaldehyde	53	U	53	97	390	ug/Kg
110-86-1	Pyridine	39	U	39	190	390	ug/Kg
108-95-2	Phenol	52	J	51	97	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	97	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	50	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	71	U	71	97	390	ug/Kg
98-86-2	Acetophenone	220	J	47	97	390	ug/Kg
106-44-5	4-Methylphenol	43	U	43	97	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	60	50	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	50	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	50	200	ug/Kg
78-59-1	Isophorone	56	U	56	50	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	50	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	50	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	50	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	50	200	ug/Kg
91-20-3	Naphthalene	29	U	29	50	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	50	390	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	50	200	ug/Kg
105-60-2	Caprolactam	85	U	85	97	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	50	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	50	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	50	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	97	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	50	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	50	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4EC7			SDG No.:	BP110424
Lab Sample ID:	P4581-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.2
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022837.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	50	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	50	200	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	50	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	50	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	50	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	50	200	ug/Kg
99-09-2	3-Nitroaniline	52	U	52	97	390	ug/Kg
83-32-9	Acenaphthene	34	U	34	50	200	ug/Kg
51-28-5	2,4-Dinitrophenol	56	U	56	97	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	97	390	ug/Kg
132-64-9	Dibenzofuran	38	U	38	50	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	51	50	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	50	200	ug/Kg
86-73-7	Fluorene	29	U	29	50	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	97	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	91	U	91	97	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	50	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	50	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	50	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	50	200	ug/Kg
1912-24-9	Atrazine	83	U	83	97	390	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	97	390	ug/Kg
85-01-8	Phenanthrene	140	J	34	50	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	50	200	ug/Kg
120-12-7	Anthracene	29	U	29	50	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	59	U	59	50	200	ug/Kg
86-74-8	Carbazole	33	U	33	97	390	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	50	200	ug/Kg
206-44-0	Fluoranthene	180	J	63	97	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4EC7			SDG No.:	BP110424
Lab Sample ID:	P4581-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.2
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022837.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	79	J	58	50	200	ug/Kg
85-68-7	Butylbenzylphthalate	99	U	99	50	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	97	390	ug/Kg
56-55-3	Benzo(a)anthracene	81	J	32	50	200	ug/Kg
218-01-9	Chrysene	81	J	36	50	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	50	200	ug/Kg
117-84-0	Di-n-octyl phthalate	89	U	89	97	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	85	J	39	50	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50	200	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	50	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	50	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	50	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	50	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	50	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.105	*	15-120		14	SPK: -8
7291-22-7	Pyridine-d5	1.131	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	6.174		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.619		10-150		17	SPK: -40
93951-73-6	2-Chlorophenol-d4	6.889		15-120		17	SPK: -40
190780-66-6	4-Methylphenol-d8	4.806		10-140		12	SPK: -40
4165-60-0	Nitrobenzene-d5	7.039		10-135		18	SPK: -40
93951-78-1	2-Nitrophenol-d4	6.838		10-120		17	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	6.397		10-140		16	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.94		1-145		10	SPK: -40
85448-30-2	Dimethylphthalate-d6	7.525		10-145		19	SPK: -40
93951-97-4	Acenaphthylene-d8	7.101		15-120		18	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.551		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	7.711	*	20-140		19	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4EC7			SDG No.:	BP110424
Lab Sample ID:	P4581-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.2
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022837.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.791	*	10-130		9	SPK: -40
1719-06-8	Anthracene-d10	7.319		10-150		18	SPK: -40
1718-52-1	Pyrene-d10	5.209		10-130		13	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	3.261	*	10-140		8	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70013	7.628				
1146-65-2	Naphthalene-d8	264066	10.381				
15067-26-2	Acenaphthene-d10	212975	14.245				
1517-22-2	Phenanthrene-d10	530518	17.051				
1719-03-5	Chrysene-d12	619115	21.474				
1520-96-3	Perylene-d12	772846	24.721				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	120	J			15.628	
000057-10-3	n-Hexadecanoic acid	91	J			17.98	
E966796	Total Alkanes	28	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SLCS553			SDG No.:	BP110424
Lab Sample ID:	PB164553BS			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
BP022838.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	290		11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	130	J	45	82.5	330	ug/Kg
110-86-1	Pyridine	770		33	170	330	ug/Kg
108-95-2	Phenol	860		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	810		40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	900		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	860		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	790		60	82.5	330	ug/Kg
98-86-2	Acetophenone	830		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	860		37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	830		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	840		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	840		31	42.5	170	ug/Kg
78-59-1	Isophorone	830		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	890		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	830		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	810		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	940		16	42.5	170	ug/Kg
91-20-3	Naphthalene	850		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	490		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	910		44	42.5	170	ug/Kg
105-60-2	Caprolactam	800		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	900		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	860		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	890		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	460		95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	890		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	920		39	42.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SLCS553			SDG No.:	BP110424
Lab Sample ID:	PB164553BS			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
BP022838.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	850		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	860		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	860		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	840		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	920		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	840		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	820		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	870		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	660		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	820		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	870		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	920		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	890		30	42.5	170	ug/Kg
86-73-7	Fluorene	870		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	890		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	970		31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	780		77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	860		33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	870		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	920		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	920		32	42.5	170	ug/Kg
1912-24-9	Atrazine	880		71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	900		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	860		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	870		52	42.5	170	ug/Kg
120-12-7	Anthracene	860		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	860		50	42.5	170	ug/Kg
86-74-8	Carbazole	860		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	870		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	930		54	82.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SLCS553			SDG No.:	BP110424
Lab Sample ID:	PB164553BS			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
BP022838.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	910		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	890		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	890		48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	880		27	42.5	170	ug/Kg
218-01-9	Chrysene	880		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	890		96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	860		76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	910		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	910		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	870		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	860		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	860		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	850		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	920		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.993		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	23.165		20-120		58	SPK: -40
4165-62-2	Phenol-d5	25.35		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.041		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.511		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	25.428		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	25.956		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.317		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.86		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	23		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.927		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	24.998		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.411		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	25.17		20-140		63	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SLCS553			SDG No.:	BP110424
Lab Sample ID:	PB164553BS			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
BP022838.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.999		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	26.064		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	26.781		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.799		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84463	7.628				
1146-65-2	Naphthalene-d8	329213	10.381				
15067-26-2	Acenaphthene-d10	271136	14.24				
1517-22-2	Phenanthrene-d10	669891	17.057				
1719-03-5	Chrysene-d12	709222	21.474				
1520-96-3	Perylene-d12	824741	24.721				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE5			SDG No.:	BP110424
Lab Sample ID:	P4568-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022839.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.5	75	ug/Kg
100-52-7	Benzaldehyde	51	U	51	93.2	370	ug/Kg
110-86-1	Pyridine	37	U	37	190	370	ug/Kg
108-95-2	Phenol	49	U	49	93.2	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	93.2	370	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	48	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	93.2	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	68	U	68	93.2	370	ug/Kg
98-86-2	Acetophenone	200	J	45	93.2	370	ug/Kg
106-44-5	4-Methylphenol	42	U	42	93.2	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	58	U	58	48	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	48	190	ug/Kg
98-95-3	Nitrobenzene	35	U	35	48	190	ug/Kg
78-59-1	Isophorone	54	U	54	48	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	48	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	48	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	48	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	48	190	ug/Kg
91-20-3	Naphthalene	28	U	28	48	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	48	370	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	48	190	ug/Kg
105-60-2	Caprolactam	81	U	81	93.2	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55	U	55	48	190	ug/Kg
90-12-0	1-Methylnaphthalene	37	U	37	48	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	48	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	93.2	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	48	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	48	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE5			SDG No.:	BP110424
Lab Sample ID:	P4568-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022839.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	48	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	48	190	ug/Kg
88-74-4	2-Nitroaniline	46	U	46	48	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	48	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	50	48	190	ug/Kg
208-96-8	Acenaphthylene	36	U	36	48	190	ug/Kg
99-09-2	3-Nitroaniline	50	U	50	93.2	370	ug/Kg
83-32-9	Acenaphthene	33	U	33	48	190	ug/Kg
51-28-5	2,4-Dinitrophenol	54	U	54	93.2	370	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	93.2	370	ug/Kg
132-64-9	Dibenzofuran	36	U	36	48	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	49	U	49	48	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	48	190	ug/Kg
86-73-7	Fluorene	28	U	28	48	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48	190	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	93.2	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87	U	87	93.2	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	37	U	37	48	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	48	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	48	190	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	48	190	ug/Kg
1912-24-9	Atrazine	80	U	80	93.2	370	ug/Kg
87-86-5	Pentachlorophenol	84	U	84	93.2	370	ug/Kg
85-01-8	Phenanthrene	230		33	48	190	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	48	190	ug/Kg
120-12-7	Anthracene	45	J	28	48	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	57	U	57	48	190	ug/Kg
86-74-8	Carbazole	32	U	32	93.2	370	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	48	190	ug/Kg
206-44-0	Fluoranthene	390		61	93.2	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE5			SDG No.:	BP110424
Lab Sample ID:	P4568-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022839.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	180	J	55	48	190	ug/Kg
85-68-7	Butylbenzylphthalate	95	U	95	48	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54	U	54	93.2	370	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	31	48	190	ug/Kg
218-01-9	Chrysene	150	J	35	48	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	48	190	ug/Kg
117-84-0	Di-n-octyl phthalate	86	U	86	93.2	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	J	37	48	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	64	J	43	48	190	ug/Kg
50-32-8	Benzo(a)pyrene	45	J	36	48	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	48	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	48	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	48	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	48	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.345		15-120		17	SPK: -8
7291-22-7	Pyridine-d5	1.132	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	6.03		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.996		10-150		17	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.333		15-120		18	SPK: -40
190780-66-6	4-Methylphenol-d8	6.228		10-140		16	SPK: -40
4165-60-0	Nitrobenzene-d5	6.946		10-135		17	SPK: -40
93951-78-1	2-Nitrophenol-d4	6.688		10-120		17	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	6.919		10-140		17	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.705		1-145		7	SPK: -40
85448-30-2	Dimethylphthalate-d6	7.619		10-145		19	SPK: -40
93951-97-4	Acenaphthylene-d8	7.269		15-120		18	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.607	*	10-150		9	SPK: -40
81103-79-9	Fluorene-d10	7.979		20-140		20	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE5			SDG No.:	BP110424
Lab Sample ID:	P4568-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022839.D	1	10/28/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.687	*	10-130		7	SPK: -40
1719-06-8	Anthracene-d10	7.489		10-150		19	SPK: -40
1718-52-1	Pyrene-d10	5.57		10-130		14	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	3.56	*	10-140		9	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77194	7.628				
1146-65-2	Naphthalene-d8	293627	10.375				
15067-26-2	Acenaphthene-d10	239427	14.245				
1517-22-2	Phenanthrene-d10	590076	17.051				
1719-03-5	Chrysene-d12	643128	21.48				
1520-96-3	Perylene-d12	781295	24.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	110	J			17.986	
E966796	Total Alkanes	27	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB2			SDG No.:	BP110424
Lab Sample ID:	P4581-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18
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
BP022840.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8	81	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	52	U	52	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	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)	73	U	73	100	400	ug/Kg
98-86-2	Acetophenone	200	J	49	100	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	51.7	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51.7	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	51.7	210	ug/Kg
78-59-1	Isophorone	58	U	58	51.7	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	51.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	51.7	210	ug/Kg
91-20-3	Naphthalene	30	U	30	51.7	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51.7	400	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	51.7	210	ug/Kg
105-60-2	Caprolactam	88	U	88	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	51.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	51.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	51.7	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB2			SDG No.:	BP110424
Lab Sample ID:	P4581-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18
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
BP022840.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	51.7	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	51.7	210	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	51.7	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	51.7	210	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	100	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51.7	210	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	100	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	100	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	51.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51.7	210	ug/Kg
84-66-2	Diethylphthalate	36	U	36	51.7	210	ug/Kg
86-73-7	Fluorene	30	U	30	51.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.7	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	94	U	94	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51.7	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	51.7	210	ug/Kg
1912-24-9	Atrazine	86	U	86	100	400	ug/Kg
87-86-5	Pentachlorophenol	90	U	90	100	400	ug/Kg
85-01-8	Phenanthrene	35	U	35	51.7	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	51.7	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	51.7	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	51.7	210	ug/Kg
206-44-0	Fluoranthene	69	J	66	100	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB2			SDG No.:	BP110424
Lab Sample ID:	P4581-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18
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
BP022840.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60	U	60	51.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	51.7	210	ug/Kg
218-01-9	Chrysene	38	U	38	51.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	92	U	92	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	51.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	51.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	51.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	51.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.134	*	15-120		14	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	6.079		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.024		10-150		18	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.228		15-120		18	SPK: -40
190780-66-6	4-Methylphenol-d8	4.829		10-140		12	SPK: -40
4165-60-0	Nitrobenzene-d5	7.058		10-135		18	SPK: -40
93951-78-1	2-Nitrophenol-d4	7.226		10-120		18	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	6.861		10-140		17	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.614		1-145		9	SPK: -40
85448-30-2	Dimethylphthalate-d6	8.147		10-145		20	SPK: -40
93951-97-4	Acenaphthylene-d8	7.304		15-120		18	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.145		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	8.184		20-140		20	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB2			SDG No.:	BP110424
Lab Sample ID:	P4581-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18
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
BP022840.D	1	10/31/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.386		10-130		11	SPK: -40
1719-06-8	Anthracene-d10	7.587		10-150		19	SPK: -40
1718-52-1	Pyrene-d10	5.933		10-130		15	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	3.258	*	10-140		8	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97682	7.628				
1146-65-2	Naphthalene-d8	378922	10.381				
15067-26-2	Acenaphthene-d10	308741	14.245				
1517-22-2	Phenanthrene-d10	743626	17.051				
1719-03-5	Chrysene-d12	732715	21.48				
1520-96-3	Perylene-d12	864350	24.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	120	J			17.986	
E966796	Total Alkanes	29	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB4			SDG No.:	BP110424
Lab Sample ID:	P4581-22			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.5
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022841.D	1	10/31/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8	81	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	52	U	52	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	100	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	51.5	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73	U	73	100	400	ug/Kg
98-86-2	Acetophenone	180	J	48	100	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	51.5	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51.5	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	51.5	210	ug/Kg
78-59-1	Isophorone	58	U	58	51.5	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	51.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	51.5	210	ug/Kg
91-20-3	Naphthalene	30	U	30	51.5	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51.5	400	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	51.5	210	ug/Kg
105-60-2	Caprolactam	87	U	87	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	59	51.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	51.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	51.5	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB4			SDG No.:	BP110424
Lab Sample ID:	P4581-22			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.5
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022841.D	1	10/31/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	51.5	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	51.5	210	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	51.5	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	51.5	210	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	100	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	100	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	100	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	51.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51.5	210	ug/Kg
84-66-2	Diethylphthalate	36	U	36	51.5	210	ug/Kg
86-73-7	Fluorene	30	U	30	51.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.5	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	93	U	93	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51.5	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	51.5	210	ug/Kg
1912-24-9	Atrazine	86	U	86	100	400	ug/Kg
87-86-5	Pentachlorophenol	90	U	90	100	400	ug/Kg
85-01-8	Phenanthrene	35	U	35	51.5	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	51.5	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	51.5	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	51.5	210	ug/Kg
206-44-0	Fluoranthene	65	U	65	100	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB4			SDG No.:	BP110424
Lab Sample ID:	P4581-22			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.5
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022841.D	1	10/31/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	59	U	59	51.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	51.5	210	ug/Kg
218-01-9	Chrysene	38	U	38	51.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	92	U	92	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	51.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	51.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	51.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	51.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.901	*	15-120		11	SPK: -8
7291-22-7	Pyridine-d5	1.273	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	5.492		10-130		14	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	5.807		10-150		15	SPK: -40
93951-73-6	2-Chlorophenol-d4	6.369		15-120		16	SPK: -40
190780-66-6	4-Methylphenol-d8	4.254		10-140		11	SPK: -40
4165-60-0	Nitrobenzene-d5	6.155		10-135		15	SPK: -40
93951-78-1	2-Nitrophenol-d4	6.015		10-120		15	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	6.067		10-140		15	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.167		1-145		10	SPK: -40
85448-30-2	Dimethylphthalate-d6	6.679		10-145		17	SPK: -40
93951-97-4	Acenaphthylene-d8	6.292		15-120		16	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.76	*	10-150		9	SPK: -40
81103-79-9	Fluorene-d10	7.02	*	20-140		18	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB4			SDG No.:	BP110424
Lab Sample ID:	P4581-22			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.5
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022841.D	1	10/31/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.045	*	10-130		8	SPK: -40
1719-06-8	Anthracene-d10	6.609		10-150		17	SPK: -40
1718-52-1	Pyrene-d10	4.84		10-130		12	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	2.877	*	10-140		7	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77456	7.628				
1146-65-2	Naphthalene-d8	296638	10.381				
15067-26-2	Acenaphthene-d10	241944	14.251				
1517-22-2	Phenanthrene-d10	600443	17.057				
1719-03-5	Chrysene-d12	667178	21.486				
1520-96-3	Perylene-d12	801696	24.721				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	29	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB1			SDG No.:	BP110424
Lab Sample ID:	P4581-20			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.4
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022842.D	1	10/31/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.4	75	ug/Kg
100-52-7	Benzaldehyde	51	U	51	92.8	370	ug/Kg
110-86-1	Pyridine	37	U	37	190	370	ug/Kg
108-95-2	Phenol	48	U	48	92.8	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	92.8	370	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	47.8	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	92.8	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	67	U	67	92.8	370	ug/Kg
98-86-2	Acetophenone	160	J	45	92.8	370	ug/Kg
106-44-5	4-Methylphenol	42	U	42	92.8	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	57	U	57	47.8	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	47.8	190	ug/Kg
98-95-3	Nitrobenzene	35	U	35	47.8	190	ug/Kg
78-59-1	Isophorone	54	U	54	47.8	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	47.8	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	47.8	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	47.8	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	47.8	190	ug/Kg
91-20-3	Naphthalene	28	U	28	47.8	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	47.8	370	ug/Kg
87-68-3	Hexachlorobutadiene	49	U	49	47.8	190	ug/Kg
105-60-2	Caprolactam	81	U	81	92.8	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55	U	55	47.8	190	ug/Kg
90-12-0	1-Methylnaphthalene	37	U	37	47.8	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	47.8	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.8	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	47.8	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	47.8	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB1			SDG No.:	BP110424
Lab Sample ID:	P4581-20			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.4
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022842.D	1	10/31/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	47.8	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	47.8	190	ug/Kg
88-74-4	2-Nitroaniline	46	U	46	47.8	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	47.8	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	49	U	49	47.8	190	ug/Kg
208-96-8	Acenaphthylene	36	U	36	47.8	190	ug/Kg
99-09-2	3-Nitroaniline	49	U	49	92.8	370	ug/Kg
83-32-9	Acenaphthene	33	U	33	47.8	190	ug/Kg
51-28-5	2,4-Dinitrophenol	54	U	54	92.8	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.8	370	ug/Kg
132-64-9	Dibenzofuran	36	U	36	47.8	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	48	U	48	47.8	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	47.8	190	ug/Kg
86-73-7	Fluorene	28	U	28	47.8	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.8	190	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	92.8	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87	U	87	92.8	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	37	U	37	47.8	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	47.8	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	47.8	190	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	47.8	190	ug/Kg
1912-24-9	Atrazine	80	U	80	92.8	370	ug/Kg
87-86-5	Pentachlorophenol	83	U	83	92.8	370	ug/Kg
85-01-8	Phenanthrene	33	U	33	47.8	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	47.8	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.8	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	56	U	56	47.8	190	ug/Kg
86-74-8	Carbazole	31	U	31	92.8	370	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	47.8	190	ug/Kg
206-44-0	Fluoranthene	61	U	61	92.8	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB1			SDG No.:	BP110424
Lab Sample ID:	P4581-20			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.4
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022842.D	1	10/31/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	47.8	190	ug/Kg
85-68-7	Butylbenzylphthalate	94	U	94	47.8	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54	U	54	92.8	370	ug/Kg
56-55-3	Benzo(a)anthracene	30	U	30	47.8	190	ug/Kg
218-01-9	Chrysene	35	U	35	47.8	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	47.8	190	ug/Kg
117-84-0	Di-n-octyl phthalate	85	U	85	92.8	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	47.8	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	47.8	190	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	47.8	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	47.8	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	47.8	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	47.8	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	47.8	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.063	*	15-120		13	SPK: -8
7291-22-7	Pyridine-d5	0.881	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	5.328		10-130		13	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	5.909		10-150		15	SPK: -40
93951-73-6	2-Chlorophenol-d4	6.232		15-120		16	SPK: -40
190780-66-6	4-Methylphenol-d8	3.605	*	10-140		9	SPK: -40
4165-60-0	Nitrobenzene-d5	6.623		10-135		17	SPK: -40
93951-78-1	2-Nitrophenol-d4	6.392		10-120		16	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	5.957		10-140		15	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.536		1-145		9	SPK: -40
85448-30-2	Dimethylphthalate-d6	6.91		10-145		17	SPK: -40
93951-97-4	Acenaphthylene-d8	6.354		15-120		16	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.914		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	7.278	*	20-140		18	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB1			SDG No.:	BP110424
Lab Sample ID:	P4581-20			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.4
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022842.D	1	10/31/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.16	*	10-130		8	SPK: -40
1719-06-8	Anthracene-d10	6.878		10-150		17	SPK: -40
1718-52-1	Pyrene-d10	4.708		10-130		12	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	2.841	*	10-140		7	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77944	7.628				
1146-65-2	Naphthalene-d8	289924	10.375				
15067-26-2	Acenaphthene-d10	239564	14.239				
1517-22-2	Phenanthrene-d10	581749	17.051				
1719-03-5	Chrysene-d12	644413	21.486				
1520-96-3	Perylene-d12	800710	24.721				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	87	J			17.98	
E966796	Total Alkanes	27	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SLCS462			SDG No.:	BP110424
Lab Sample ID:	PB164462BS			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
BP022843.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	240		11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	100	J	45	82.5	330	ug/Kg
110-86-1	Pyridine	660		33	170	330	ug/Kg
108-95-2	Phenol	770		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	710		40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	800		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	770		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	710		60	82.5	330	ug/Kg
98-86-2	Acetophenone	740		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	770		37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	740		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	770		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	740		31	42.5	170	ug/Kg
78-59-1	Isophorone	740		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	800		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	710		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	730		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	840		16	42.5	170	ug/Kg
91-20-3	Naphthalene	760		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	420		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	790		44	42.5	170	ug/Kg
105-60-2	Caprolactam	740		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	830		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	780		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	790		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	410		95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	800		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	830		39	42.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SLCS462			SDG No.:	BP110424
Lab Sample ID:	PB164462BS			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
BP022843.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	760		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	760		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	770		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	760		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	830		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	760		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	760		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	770		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	650		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	740		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	780		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	820		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	780		30	42.5	170	ug/Kg
86-73-7	Fluorene	780		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	790		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	860		31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	710		77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	740		33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	770		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	810		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	810		32	42.5	170	ug/Kg
1912-24-9	Atrazine	800		71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	810		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	760		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	750		52	42.5	170	ug/Kg
120-12-7	Anthracene	760		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	740		50	42.5	170	ug/Kg
86-74-8	Carbazole	760		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	790		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	800		54	82.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SLCS462			SDG No.:	BP110424
Lab Sample ID:	PB164462BS			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
BP022843.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	790		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	790		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	790		48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	760		27	42.5	170	ug/Kg
218-01-9	Chrysene	760		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	780		96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	790		76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	780		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	800		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	770		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	770		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	760		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	770		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	840		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.657		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	20.039		20-120		50	SPK: -40
4165-62-2	Phenol-d5	22.147		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.281		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.451		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	23.168		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	22.387		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.986		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.694		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.272		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.237		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.77		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.316		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	22.814		20-140		57	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SLCS462			SDG No.:	BP110424
Lab Sample ID:	PB164462BS			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
BP022843.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.724		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	22.888		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	23.119		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.443		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92040	7.622				
1146-65-2	Naphthalene-d8	357009	10.375				
15067-26-2	Acenaphthene-d10	293557	14.228				
1517-22-2	Phenanthrene-d10	743473	17.051				
1719-03-5	Chrysene-d12	833883	21.486				
1520-96-3	Perylene-d12	949981	24.721				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SBLK553			SDG No.:	BP110424
Lab Sample ID:	PB164553BL			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
BP022845.D	1	10/31/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	330	ug/Kg
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
108-95-2	Phenol	43	U	43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	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)	60	U	60	82.5	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	31	U	31	42.5	170	ug/Kg
78-59-1	Isophorone	48	U	48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	16	U	16	42.5	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.5	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	23	U	23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	42.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SBLK553			SDG No.:	BP110424
Lab Sample ID:	PB164553BL			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
BP022845.D	1	10/31/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	32	U	32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.5	330	ug/Kg
83-32-9	Acenaphthene	29	U	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.5	170	ug/Kg
86-73-7	Fluorene	25	U	25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.5	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	74	U	74	82.5	330	ug/Kg
85-01-8	Phenanthrene	29	U	29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.5	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.5	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	42.5	170	ug/Kg
206-44-0	Fluoranthene	54	U	54	82.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SBLK553			SDG No.:	BP110424
Lab Sample ID:	PB164553BL			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
BP022845.D	1	10/31/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.699		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	19.793		20-120		49	SPK: -40
4165-62-2	Phenol-d5	21.311		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.897		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.877		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	22.309		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	23.073		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.012		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.752		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.028		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.79		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	22.907		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.399		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	23.296		20-140		58	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SBLK553			SDG No.:	BP110424
Lab Sample ID:	PB164553BL			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
BP022845.D	1	10/31/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.527		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	23.806		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	24.477		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.364		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90363	7.628				
1146-65-2	Naphthalene-d8	352454	10.381				
15067-26-2	Acenaphthene-d10	281962	14.24				
1517-22-2	Phenanthrene-d10	665439	17.045				
1719-03-5	Chrysene-d12	702223	21.492				
1520-96-3	Perylene-d12	802984	24.733				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF5			SDG No.:	BP110424
Lab Sample ID:	P4568-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	60.7
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
BP022846.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	28	U	28	16.7	170	ug/Kg
100-52-7	Benzaldehyde	110	U	110	210	840	ug/Kg
110-86-1	Pyridine	84	U	84	420	840	ug/Kg
108-95-2	Phenol	110	U	110	210	840	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	100	U	100	210	840	ug/Kg
95-57-8	2-Chlorophenol	58	U	58	110	430	ug/Kg
95-48-7	2-Methylphenol	99	U	99	210	840	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	150	210	840	ug/Kg
98-86-2	Acetophenone	100	U	100	210	840	ug/Kg
106-44-5	4-Methylphenol	94	U	94	210	840	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	130	U	130	110	430	ug/Kg
67-72-1	Hexachloroethane	46	U	46	110	430	ug/Kg
98-95-3	Nitrobenzene	79	U	79	110	430	ug/Kg
78-59-1	Isophorone	120	U	120	110	430	ug/Kg
88-75-5	2-Nitrophenol	79	U	79	110	430	ug/Kg
105-67-9	2,4-Dimethylphenol	63	U	63	110	430	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	110	U	110	110	430	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	110	430	ug/Kg
91-20-3	Naphthalene	63	U	63	110	430	ug/Kg
106-47-8	4-Chloroaniline	61	U	61	110	840	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	110	430	ug/Kg
105-60-2	Caprolactam	180	U	180	210	840	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	110	430	ug/Kg
90-12-0	1-Methylnaphthalene	84	U	84	110	430	ug/Kg
91-57-6	2-Methylnaphthalene	58	U	58	110	430	ug/Kg
77-47-4	Hexachlorocyclopentadiene	240	U	240	210	840	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	110	430	ug/Kg
95-95-4	2,4,5-Trichlorophenol	99	U	99	110	430	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF5			SDG No.:	BP110424
Lab Sample ID:	P4568-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	60.7
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
BP022846.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	61	U	61	110	430	ug/Kg
91-58-7	2-Chloronaphthalene	66	U	66	110	430	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	110	430	ug/Kg
131-11-3	Dimethylphthalate	74	U	74	110	430	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	110	430	ug/Kg
208-96-8	Acenaphthylene	81	U	81	110	430	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	210	840	ug/Kg
83-32-9	Acenaphthene	74	U	74	110	430	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	210	840	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	210	840	ug/Kg
132-64-9	Dibenzofuran	81	U	81	110	430	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	110	430	ug/Kg
84-66-2	Diethylphthalate	76	U	76	110	430	ug/Kg
86-73-7	Fluorene	63	U	63	110	430	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51	U	51	110	430	ug/Kg
100-01-6	4-Nitroaniline	79	U	79	210	840	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	200	U	200	210	840	ug/Kg
86-30-6	N-Nitrosodiphenylamine	84	U	84	110	430	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	110	430	ug/Kg
101-55-3	4-Bromophenyl-phenylether	74	U	74	110	430	ug/Kg
118-74-1	Hexachlorobenzene	81	U	81	110	430	ug/Kg
1912-24-9	Atrazine	180	U	180	210	840	ug/Kg
87-86-5	Pentachlorophenol	190	U	190	210	840	ug/Kg
85-01-8	Phenanthrene	210	J	74	110	430	ug/Kg
608-93-5	Pentachlorobenzene	130	U	130	110	430	ug/Kg
120-12-7	Anthracene	63	U	63	110	430	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	130	U	130	110	430	ug/Kg
86-74-8	Carbazole	71	U	71	210	840	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	150	110	430	ug/Kg
206-44-0	Fluoranthene	300	J	140	210	430	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF5			SDG No.:	BP110424
Lab Sample ID:	P4568-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	60.7
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
BP022846.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	260	J	120	110	430	ug/Kg
85-68-7	Butylbenzylphthalate	210	U	210	110	430	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	210	840	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	68	110	430	ug/Kg
218-01-9	Chrysene	160	J	79	110	430	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	240	U	240	110	430	ug/Kg
117-84-0	Di-n-octyl phthalate	190	U	190	210	840	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	J	84	110	430	ug/Kg
207-08-9	Benzo(k)fluoranthene	96	U	96	110	430	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	81	110	430	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	79	U	79	110	430	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	71	U	71	110	430	ug/Kg
191-24-2	Benzo(g,h,i)perylene	99	J	66	110	430	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	84	U	84	110	430	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.636		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	17.655		20-120		44	SPK: -40
4165-62-2	Phenol-d5	21.799		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.013		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.171		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	24.416		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	24.907		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.094		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.151		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.321		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.852		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	26.929		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.24		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	28.405		20-140		71	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF5			SDG No.:	BP110424
Lab Sample ID:	P4568-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	60.7
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
BP022846.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.038		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	28.531		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	27.517		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.859		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60137	7.628				
1146-65-2	Naphthalene-d8	224823	10.381				
15067-26-2	Acenaphthene-d10	180297	14.24				
1517-22-2	Phenanthrene-d10	456023	17.057				
1719-03-5	Chrysene-d12	557291	21.486				
1520-96-3	Perylene-d12	732252	24.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	480	J			15.634	
000057-10-3	n-Hexadecanoic acid	420	J			17.998	
	(DEL) Alkane: Straight-Chain23.863	320	J			23.863	
E966796	Total Alkanes	320				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF5MS			SDG No.:	BP110424
Lab Sample ID:	P4568-04MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	60.7
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022847.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	840		28	16.8	170	ug/Kg
100-52-7	Benzaldehyde	360	J	110	210	840	ug/Kg
110-86-1	Pyridine	2300		84	420	840	ug/Kg
108-95-2	Phenol	2800		110	210	840	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	2600		100	210	840	ug/Kg
95-57-8	2-Chlorophenol	2900		58	110	430	ug/Kg
95-48-7	2-Methylphenol	2800		99	210	840	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2600		150	210	840	ug/Kg
98-86-2	Acetophenone	2700		100	210	840	ug/Kg
106-44-5	4-Methylphenol	2800		94	210	840	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2700		130	110	430	ug/Kg
67-72-1	Hexachloroethane	2700		46	110	430	ug/Kg
98-95-3	Nitrobenzene	2700		79	110	430	ug/Kg
78-59-1	Isophorone	2700		120	110	430	ug/Kg
88-75-5	2-Nitrophenol	2900		79	110	430	ug/Kg
105-67-9	2,4-Dimethylphenol	2900		64	110	430	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	2700		110	110	430	ug/Kg
120-83-2	2,4-Dichlorophenol	3100		41	110	430	ug/Kg
91-20-3	Naphthalene	2800		64	110	430	ug/Kg
106-47-8	4-Chloroaniline	1600		61	110	840	ug/Kg
87-68-3	Hexachlorobutadiene	3000		110	110	430	ug/Kg
105-60-2	Caprolactam	2700		180	210	840	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3000		120	110	430	ug/Kg
90-12-0	1-Methylnaphthalene	2800		84	110	430	ug/Kg
91-57-6	2-Methylnaphthalene	2900		58	110	430	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1600		240	210	840	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2900		120	110	430	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3000		99	110	430	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF5MS			SDG No.:	BP110424
Lab Sample ID:	P4568-04MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	60.7
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022847.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	2800		61	110	430	ug/Kg
91-58-7	2-Chloronaphthalene	2800		66	110	430	ug/Kg
88-74-4	2-Nitroaniline	2700		100	110	430	ug/Kg
131-11-3	Dimethylphthalate	2700		74	110	430	ug/Kg
606-20-2	2,6-Dinitrotoluene	3000		110	110	430	ug/Kg
208-96-8	Acenaphthylene	2700		81	110	430	ug/Kg
99-09-2	3-Nitroaniline	2700		110	210	840	ug/Kg
83-32-9	Acenaphthene	2800		74	110	430	ug/Kg
51-28-5	2,4-Dinitrophenol	2300		120	210	840	ug/Kg
100-02-7	4-Nitrophenol	2600		110	210	840	ug/Kg
132-64-9	Dibenzofuran	2800		81	110	430	ug/Kg
121-14-2	2,4-Dinitrotoluene	2900		110	110	430	ug/Kg
84-66-2	Diethylphthalate	2800		76	110	430	ug/Kg
86-73-7	Fluorene	2800		64	110	430	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2900		51	110	430	ug/Kg
100-01-6	4-Nitroaniline	3000		79	210	840	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2500		200	210	840	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2800		84	110	430	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2800		61	110	430	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3100		74	110	430	ug/Kg
118-74-1	Hexachlorobenzene	3100		81	110	430	ug/Kg
1912-24-9	Atrazine	3000		180	210	840	ug/Kg
87-86-5	Pentachlorophenol	3000		190	210	840	ug/Kg
85-01-8	Phenanthrene	2900		74	110	430	ug/Kg
608-93-5	Pentachlorobenzene	2900		130	110	430	ug/Kg
120-12-7	Anthracene	2800		64	110	430	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2900		130	110	430	ug/Kg
86-74-8	Carbazole	2800		71	210	840	ug/Kg
84-74-2	Di-n-butylphthalate	2900		150	110	430	ug/Kg
206-44-0	Fluoranthene	3300		140	210	430	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF5MS			SDG No.:	BP110424
Lab Sample ID:	P4568-04MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	60.7
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022847.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3200		120	110	430	ug/Kg
85-68-7	Butylbenzylphthalate	3000		210	110	430	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2500		120	210	840	ug/Kg
56-55-3	Benzo(a)anthracene	2800		69	110	430	ug/Kg
218-01-9	Chrysene	2900		79	110	430	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2900		240	110	430	ug/Kg
117-84-0	Di-n-octyl phthalate	2900		190	210	840	ug/Kg
205-99-2	Benzo(b)fluoranthene	3000		84	110	430	ug/Kg
207-08-9	Benzo(k)fluoranthene	2900		97	110	430	ug/Kg
50-32-8	Benzo(a)pyrene	2900		81	110	430	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2900		79	110	430	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2900		71	110	430	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2800		66	110	430	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3000		84	110	430	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.691		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	14.384		20-120		36	SPK: -40
4165-62-2	Phenol-d5	17.712		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.886		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.324		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	19.151		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	19.084		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.13		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.904		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.656		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.668		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	20.073		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.243		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	20.636		20-140		52	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF5MS			SDG No.:	BP110424
Lab Sample ID:	P4568-04MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	60.7
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022847.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.874		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	21.09		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	22.379		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.632		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89692	7.628				
1146-65-2	Naphthalene-d8	345184	10.387				
15067-26-2	Acenaphthene-d10	287898	14.251				
1517-22-2	Phenanthrene-d10	681632	17.051				
1719-03-5	Chrysene-d12	697917	21.486				
1520-96-3	Perylene-d12	804674	24.733				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	61	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF5MSD			SDG No.:	BP110424
Lab Sample ID:	P4568-05MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	60.7
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022848.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	860		28	16.8	170	ug/Kg
100-52-7	Benzaldehyde	370	J	110	210	840	ug/Kg
110-86-1	Pyridine	2500		84	420	840	ug/Kg
108-95-2	Phenol	2800		110	210	840	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	2600		100	210	840	ug/Kg
95-57-8	2-Chlorophenol	2900		58	110	430	ug/Kg
95-48-7	2-Methylphenol	2800		99	210	840	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2500		150	210	840	ug/Kg
98-86-2	Acetophenone	2700		100	210	840	ug/Kg
106-44-5	4-Methylphenol	2800		94	210	840	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2600		130	110	430	ug/Kg
67-72-1	Hexachloroethane	2800		46	110	430	ug/Kg
98-95-3	Nitrobenzene	2800		79	110	430	ug/Kg
78-59-1	Isophorone	2700		120	110	430	ug/Kg
88-75-5	2-Nitrophenol	3000		79	110	430	ug/Kg
105-67-9	2,4-Dimethylphenol	2900		64	110	430	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	2600		110	110	430	ug/Kg
120-83-2	2,4-Dichlorophenol	3100		41	110	430	ug/Kg
91-20-3	Naphthalene	2900		64	110	430	ug/Kg
106-47-8	4-Chloroaniline	1700		61	110	840	ug/Kg
87-68-3	Hexachlorobutadiene	2900		110	110	430	ug/Kg
105-60-2	Caprolactam	2700		180	210	840	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3000		120	110	430	ug/Kg
90-12-0	1-Methylnaphthalene	2800		84	110	430	ug/Kg
91-57-6	2-Methylnaphthalene	2900		58	110	430	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1500		240	210	840	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3100		120	110	430	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3200		99	110	430	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF5MSD			SDG No.:	BP110424
Lab Sample ID:	P4568-05MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	60.7
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022848.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	2900		61	110	430	ug/Kg
91-58-7	2-Chloronaphthalene	3000		66	110	430	ug/Kg
88-74-4	2-Nitroaniline	2900		100	110	430	ug/Kg
131-11-3	Dimethylphthalate	2800		74	110	430	ug/Kg
606-20-2	2,6-Dinitrotoluene	3100		110	110	430	ug/Kg
208-96-8	Acenaphthylene	2900		81	110	430	ug/Kg
99-09-2	3-Nitroaniline	2900		110	210	840	ug/Kg
83-32-9	Acenaphthene	2900		74	110	430	ug/Kg
51-28-5	2,4-Dinitrophenol	2300		120	210	840	ug/Kg
100-02-7	4-Nitrophenol	2800		110	210	840	ug/Kg
132-64-9	Dibenzofuran	2900		81	110	430	ug/Kg
121-14-2	2,4-Dinitrotoluene	3200		110	110	430	ug/Kg
84-66-2	Diethylphthalate	2900		76	110	430	ug/Kg
86-73-7	Fluorene	3000		64	110	430	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3000		51	110	430	ug/Kg
100-01-6	4-Nitroaniline	3300		79	210	840	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2400		200	210	840	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2800		84	110	430	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	3000		61	110	430	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3100		74	110	430	ug/Kg
118-74-1	Hexachlorobenzene	3000		81	110	430	ug/Kg
1912-24-9	Atrazine	3000		180	210	840	ug/Kg
87-86-5	Pentachlorophenol	3100		190	210	840	ug/Kg
85-01-8	Phenanthrene	3000		74	110	430	ug/Kg
608-93-5	Pentachlorobenzene	2800		130	110	430	ug/Kg
120-12-7	Anthracene	2800		64	110	430	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2900		130	110	430	ug/Kg
86-74-8	Carbazole	2800		71	210	840	ug/Kg
84-74-2	Di-n-butylphthalate	2800		160	110	430	ug/Kg
206-44-0	Fluoranthene	3400		140	210	430	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF5MSD			SDG No.:	BP110424
Lab Sample ID:	P4568-05MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	60.7
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022848.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3300		120	110	430	ug/Kg
85-68-7	Butylbenzylphthalate	3000		210	110	430	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2400		120	210	840	ug/Kg
56-55-3	Benzo(a)anthracene	3000		69	110	430	ug/Kg
218-01-9	Chrysene	3100		79	110	430	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3000		240	110	430	ug/Kg
117-84-0	Di-n-octyl phthalate	2900		190	210	840	ug/Kg
205-99-2	Benzo(b)fluoranthene	3100		84	110	430	ug/Kg
207-08-9	Benzo(k)fluoranthene	3000		97	110	430	ug/Kg
50-32-8	Benzo(a)pyrene	3000		81	110	430	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3000		79	110	430	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2900		71	110	430	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2900		66	110	430	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3200		84	110	430	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.705		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	14.953		20-120		37	SPK: -40
4165-62-2	Phenol-d5	18.357		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.449		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.522		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	19.53		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	19.607		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.927		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.154		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.503		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.794		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	21.118		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.157		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	22.258		20-140		56	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF5MSD			SDG No.:	BP110424
Lab Sample ID:	P4568-05MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	60.7
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022848.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.28		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	21.045		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	23.129		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.574		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93205	7.622				
1146-65-2	Naphthalene-d8	355430	10.375				
15067-26-2	Acenaphthene-d10	281228	14.245				
1517-22-2	Phenanthrene-d10	711101	17.051				
1719-03-5	Chrysene-d12	721001	21.486				
1520-96-3	Perylene-d12	861945	24.727				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	61	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE4			SDG No.:	BP110424
Lab Sample ID:	P4568-14			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.7
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
BP022849.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.2	83	ug/Kg
100-52-7	Benzaldehyde	56	J	56	100	410	ug/Kg
110-86-1	Pyridine	41	U	41	210	410	ug/Kg
108-95-2	Phenol	120	J	54	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	50	U	50	100	410	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	52.9	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	75	U	75	100	410	ug/Kg
98-86-2	Acetophenone	410		50	100	410	ug/Kg
106-44-5	4-Methylphenol	46	U	46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	64	U	64	52.9	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	52.9	210	ug/Kg
98-95-3	Nitrobenzene	39	U	39	52.9	210	ug/Kg
78-59-1	Isophorone	60	U	60	52.9	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	52.9	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	52.9	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	52.9	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	52.9	210	ug/Kg
91-20-3	Naphthalene	31	U	31	52.9	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	52.9	410	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	52.9	210	ug/Kg
105-60-2	Caprolactam	90	U	90	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	61	U	61	52.9	210	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	52.9	210	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	52.9	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	52.9	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	52.9	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE4			SDG No.:	BP110424
Lab Sample ID:	P4568-14			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.7
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
BP022849.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	52.9	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	52.9	210	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	52.9	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	52.9	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	52.9	210	ug/Kg
208-96-8	Acenaphthylene	40	U	40	52.9	210	ug/Kg
99-09-2	3-Nitroaniline	55	U	55	100	410	ug/Kg
83-32-9	Acenaphthene	36	U	36	52.9	210	ug/Kg
51-28-5	2,4-Dinitrophenol	60	U	60	100	410	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	410	ug/Kg
132-64-9	Dibenzofuran	40	U	40	52.9	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	52.9	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	52.9	210	ug/Kg
86-73-7	Fluorene	31	U	31	52.9	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.9	210	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	96	U	96	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	52.9	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	52.9	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	52.9	210	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	52.9	210	ug/Kg
1912-24-9	Atrazine	88	U	88	100	410	ug/Kg
87-86-5	Pentachlorophenol	92	U	92	100	410	ug/Kg
85-01-8	Phenanthrene	250		36	52.9	210	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	52.9	210	ug/Kg
120-12-7	Anthracene	53	J	31	52.9	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	62	U	62	52.9	210	ug/Kg
86-74-8	Carbazole	35	U	35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	76	U	76	52.9	210	ug/Kg
206-44-0	Fluoranthene	390		67	100	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE4			SDG No.:	BP110424
Lab Sample ID:	P4568-14			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.7
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
BP022849.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	190	J	61	52.9	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	52.9	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	34	52.9	210	ug/Kg
218-01-9	Chrysene	150	J	39	52.9	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	52.9	210	ug/Kg
117-84-0	Di-n-octyl phthalate	95	U	95	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	41	52.9	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	J	47	52.9	210	ug/Kg
50-32-8	Benzo(a)pyrene	47	J	40	52.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	52.9	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	52.9	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	52.9	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	52.9	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.978	*	15-120		12	SPK: -8
7291-22-7	Pyridine-d5	0.806	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	6.01		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.51		10-150		16	SPK: -40
93951-73-6	2-Chlorophenol-d4	6.893		15-120		17	SPK: -40
190780-66-6	4-Methylphenol-d8	6.315		10-140		16	SPK: -40
4165-60-0	Nitrobenzene-d5	6.946		10-135		17	SPK: -40
93951-78-1	2-Nitrophenol-d4	6.862		10-120		17	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	6.874		10-140		17	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.895		1-145		2	SPK: -40
85448-30-2	Dimethylphthalate-d6	7.466		10-145		19	SPK: -40
93951-97-4	Acenaphthylene-d8	7.232		15-120		18	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.196		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	7.819		20-140		20	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE4			SDG No.:	BP110424
Lab Sample ID:	P4568-14			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.7
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
BP022849.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.153	*	10-130		5	SPK: -40
1719-06-8	Anthracene-d10	7.87		10-150		20	SPK: -40
1718-52-1	Pyrene-d10	6.095		10-130		15	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	3.726	*	10-140		9	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	115229	7.628				
1146-65-2	Naphthalene-d8	437639	10.381				
15067-26-2	Acenaphthene-d10	337600	14.257				
1517-22-2	Phenanthrene-d10	778138	17.057				
1719-03-5	Chrysene-d12	773488	21.486				
1520-96-3	Perylene-d12	900233	24.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000065-85-0	Benzoic acid	140	J			9.693	
000057-10-3	n-Hexadecanoic acid	150	J			17.992	
E966796	Total Alkanes	30	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF2			SDG No.:	BP110424
Lab Sample ID:	P4568-18			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	36.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022850.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	10.4	110	ug/Kg
100-52-7	Benzaldehyde	71	U	71	130	520	ug/Kg
110-86-1	Pyridine	52	U	52	260	520	ug/Kg
108-95-2	Phenol	72	J	68	130	520	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	63	U	63	130	520	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	67	270	ug/Kg
95-48-7	2-Methylphenol	62	U	62	130	520	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	95	U	95	130	520	ug/Kg
98-86-2	Acetophenone	330	J	63	130	520	ug/Kg
106-44-5	4-Methylphenol	58	U	58	130	520	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	80	U	80	67	270	ug/Kg
67-72-1	Hexachloroethane	28	U	28	67	270	ug/Kg
98-95-3	Nitrobenzene	49	U	49	67	270	ug/Kg
78-59-1	Isophorone	76	U	76	67	270	ug/Kg
88-75-5	2-Nitrophenol	49	U	49	67	270	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	67	270	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	68	U	68	67	270	ug/Kg
120-83-2	2,4-Dichlorophenol	25	U	25	67	270	ug/Kg
91-20-3	Naphthalene	39	U	39	67	270	ug/Kg
106-47-8	4-Chloroaniline	38	U	38	67	520	ug/Kg
87-68-3	Hexachlorobutadiene	69	U	69	67	270	ug/Kg
105-60-2	Caprolactam	110	U	110	130	520	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77	U	77	67	270	ug/Kg
90-12-0	1-Methylnaphthalene	52	U	52	67	270	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	67	270	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	130	520	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77	U	77	67	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	62	U	62	67	270	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF2			SDG No.:	BP110424
Lab Sample ID:	P4568-18			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	36.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022850.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	38	U	38	67	270	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	67	270	ug/Kg
88-74-4	2-Nitroaniline	65	U	65	67	270	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	67	270	ug/Kg
606-20-2	2,6-Dinitrotoluene	69	U	69	67	270	ug/Kg
208-96-8	Acenaphthylene	50	U	50	67	270	ug/Kg
99-09-2	3-Nitroaniline	69	U	69	130	520	ug/Kg
83-32-9	Acenaphthene	46	U	46	67	270	ug/Kg
51-28-5	2,4-Dinitrophenol	76	U	76	130	520	ug/Kg
100-02-7	4-Nitrophenol	69	U	69	130	520	ug/Kg
132-64-9	Dibenzofuran	50	U	50	67	270	ug/Kg
121-14-2	2,4-Dinitrotoluene	68	U	68	67	270	ug/Kg
84-66-2	Diethylphthalate	47	U	47	67	270	ug/Kg
86-73-7	Fluorene	39	U	39	67	270	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	32	U	32	67	270	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	130	520	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	130	520	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	67	270	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	67	270	ug/Kg
101-55-3	4-Bromophenyl-phenylether	46	U	46	67	270	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	67	270	ug/Kg
1912-24-9	Atrazine	110	U	110	130	520	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	130	520	ug/Kg
85-01-8	Phenanthrene	400		46	67	270	ug/Kg
608-93-5	Pentachlorobenzene	82	U	82	67	270	ug/Kg
120-12-7	Anthracene	67	J	39	67	270	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	79	U	79	67	270	ug/Kg
86-74-8	Carbazole	44	U	44	130	520	ug/Kg
84-74-2	Di-n-butylphthalate	96	U	96	67	270	ug/Kg
206-44-0	Fluoranthene	710		85	130	270	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF2			SDG No.:	BP110424
Lab Sample ID:	P4568-18			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	36.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022850.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	340		77	67	270	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	67	270	ug/Kg
91-94-1	3,3-Dichlorobenzidine	76	U	76	130	520	ug/Kg
56-55-3	Benzo(a)anthracene	250	J	43	67	270	ug/Kg
218-01-9	Chrysene	280		49	67	270	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	67	270	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	130	520	ug/Kg
205-99-2	Benzo(b)fluoranthene	310		52	67	270	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	60	67	270	ug/Kg
50-32-8	Benzo(a)pyrene	84	J	50	67	270	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	68	J	49	67	270	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	67	270	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	67	270	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	67	270	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.353		15-120		29	SPK: -8
7291-22-7	Pyridine-d5	7.935		20-120		20	SPK: -40
4165-62-2	Phenol-d5	16.359		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.259		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.686		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	14.26		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	17.234		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.559		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.59		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.473		1-145		21	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.341		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	17.273		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.742		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	18.126		20-140		45	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF2			SDG No.:	BP110424
Lab Sample ID:	P4568-18			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	36.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022850.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.22		10-130		18	SPK: -40
1719-06-8	Anthracene-d10	17.51		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	16.805		10-130		42	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.695		10-140		32	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	107486	7.628				
1146-65-2	Naphthalene-d8	417148	10.375				
15067-26-2	Acenaphthene-d10	328104	14.245				
1517-22-2	Phenanthrene-d10	766513	17.045				
1719-03-5	Chrysene-d12	726279	21.48				
1520-96-3	Perylene-d12	884651	24.721				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	120	J			15.628	
000057-10-3	n-Hexadecanoic acid	190	J			17.98	
1000197-14-1	4b,8-Dimethyl-2-isopropylphenanthr	120	J			18.722	
006566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	160	J			19.239	
	(DEL) Alkane: Straight-Chain21.163	400	J			21.163	
	(DEL) Alkane: Straight-Chain23.839	570	J			23.839	
E966796	Total Alkanes	970				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF4			SDG No.:	BP110424
Lab Sample ID:	P4568-20			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	32.7
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
BP022851.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	9.8	99	ug/Kg
100-52-7	Benzaldehyde	67	U	67	120	490	ug/Kg
110-86-1	Pyridine	49	U	49	250	490	ug/Kg
108-95-2	Phenol	64	U	64	120	490	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	59	U	59	120	490	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	63.2	250	ug/Kg
95-48-7	2-Methylphenol	58	U	58	120	490	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	89	U	89	120	490	ug/Kg
98-86-2	Acetophenone	59	U	59	120	490	ug/Kg
106-44-5	4-Methylphenol	55	U	55	120	490	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	76	U	76	63.2	250	ug/Kg
67-72-1	Hexachloroethane	27	U	27	63.2	250	ug/Kg
98-95-3	Nitrobenzene	46	U	46	63.2	250	ug/Kg
78-59-1	Isophorone	71	U	71	63.2	250	ug/Kg
88-75-5	2-Nitrophenol	46	U	46	63.2	250	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	63.2	250	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	64	U	64	63.2	250	ug/Kg
120-83-2	2,4-Dichlorophenol	24	U	24	63.2	250	ug/Kg
91-20-3	Naphthalene	37	U	37	63.2	250	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	63.2	490	ug/Kg
87-68-3	Hexachlorobutadiene	65	U	65	63.2	250	ug/Kg
105-60-2	Caprolactam	110	U	110	120	490	ug/Kg
59-50-7	4-Chloro-3-methylphenol	73	U	73	63.2	250	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	63.2	250	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	63.2	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	120	490	ug/Kg
88-06-2	2,4,6-Trichlorophenol	73	U	73	63.2	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	63.2	250	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF4			SDG No.:	BP110424
Lab Sample ID:	P4568-20			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	32.7
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
BP022851.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	36	U	36	63.2	250	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	63.2	250	ug/Kg
88-74-4	2-Nitroaniline	61	U	61	63.2	250	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	63.2	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	65	U	65	63.2	250	ug/Kg
208-96-8	Acenaphthylene	48	U	48	63.2	250	ug/Kg
99-09-2	3-Nitroaniline	65	U	65	120	490	ug/Kg
83-32-9	Acenaphthene	43	U	43	63.2	250	ug/Kg
51-28-5	2,4-Dinitrophenol	71	U	71	120	490	ug/Kg
100-02-7	4-Nitrophenol	65	U	65	120	490	ug/Kg
132-64-9	Dibenzofuran	48	U	48	63.2	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	64	U	64	63.2	250	ug/Kg
84-66-2	Diethylphthalate	45	U	45	63.2	250	ug/Kg
86-73-7	Fluorene	37	U	37	63.2	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	30	U	30	63.2	250	ug/Kg
100-01-6	4-Nitroaniline	46	U	46	120	490	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	120	490	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	63.2	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36	U	36	63.2	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	43	U	43	63.2	250	ug/Kg
118-74-1	Hexachlorobenzene	48	U	48	63.2	250	ug/Kg
1912-24-9	Atrazine	110	U	110	120	490	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	120	490	ug/Kg
85-01-8	Phenanthrene	43	U	43	63.2	250	ug/Kg
608-93-5	Pentachlorobenzene	77	U	77	63.2	250	ug/Kg
120-12-7	Anthracene	37	U	37	63.2	250	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	74	U	74	63.2	250	ug/Kg
86-74-8	Carbazole	42	U	42	120	490	ug/Kg
84-74-2	Di-n-butylphthalate	91	U	91	63.2	250	ug/Kg
206-44-0	Fluoranthene	80	U	80	120	250	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF4			SDG No.:	BP110424
Lab Sample ID:	P4568-20			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	32.7
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
BP022851.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	73	U	73	63.2	250	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	63.2	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	71	U	71	120	490	ug/Kg
56-55-3	Benzo(a)anthracene	40	U	40	63.2	250	ug/Kg
218-01-9	Chrysene	46	U	46	63.2	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	63.2	250	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	120	490	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	U	49	63.2	250	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	63.2	250	ug/Kg
50-32-8	Benzo(a)pyrene	48	U	48	63.2	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	46	63.2	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42	U	42	63.2	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	63.2	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	49	63.2	250	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.548		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	13.228		20-120		33	SPK: -40
4165-62-2	Phenol-d5	17.279		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.71		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.569		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	18.593		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	18.363		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.735		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.364		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.775		1-145		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.677		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	20.202		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.385		10-150		33	SPK: -40
81103-79-9	Fluorene-d10	21.505		20-140		54	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF4			SDG No.:	BP110424
Lab Sample ID:	P4568-20			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	32.7
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
BP022851.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.87		10-130		25	SPK: -40
1719-06-8	Anthracene-d10	20.509		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	23.309		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.671		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	112871	7.622				
1146-65-2	Naphthalene-d8	444025	10.381				
15067-26-2	Acenaphthene-d10	348977	14.251				
1517-22-2	Phenanthrene-d10	836540	17.063				
1719-03-5	Chrysene-d12	759595	21.486				
1520-96-3	Perylene-d12	884883	24.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	220	J			15.645	
000057-10-3	n-Hexadecanoic acid	270	J			17.998	
	(DEL) Alkane: Straight-Chain21.169	110	J			21.169	
E966796	Total Alkanes	110				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF7			SDG No.:	BP110424
Lab Sample ID:	P4568-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	30.4
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
BP022852.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	9.5	96	ug/Kg
100-52-7	Benzaldehyde	65	U	65	120	470	ug/Kg
110-86-1	Pyridine	47	U	47	240	470	ug/Kg
108-95-2	Phenol	62	U	62	120	470	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	57	U	57	120	470	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	61.1	240	ug/Kg
95-48-7	2-Methylphenol	56	U	56	120	470	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	86	U	86	120	470	ug/Kg
98-86-2	Acetophenone	230	J	57	120	470	ug/Kg
106-44-5	4-Methylphenol	53	U	53	120	470	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	73	U	73	61.1	240	ug/Kg
67-72-1	Hexachloroethane	26	U	26	61.1	240	ug/Kg
98-95-3	Nitrobenzene	45	U	45	61.1	240	ug/Kg
78-59-1	Isophorone	69	U	69	61.1	240	ug/Kg
88-75-5	2-Nitrophenol	45	U	45	61.1	240	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	61.1	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	62	U	62	61.1	240	ug/Kg
120-83-2	2,4-Dichlorophenol	23	U	23	61.1	240	ug/Kg
91-20-3	Naphthalene	36	U	36	61.1	240	ug/Kg
106-47-8	4-Chloroaniline	34	U	34	61.1	470	ug/Kg
87-68-3	Hexachlorobutadiene	63	U	63	61.1	240	ug/Kg
105-60-2	Caprolactam	100	U	100	120	470	ug/Kg
59-50-7	4-Chloro-3-methylphenol	70	U	70	61.1	240	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	61.1	240	ug/Kg
91-57-6	2-Methylnaphthalene	33	U	33	61.1	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	120	470	ug/Kg
88-06-2	2,4,6-Trichlorophenol	70	U	70	61.1	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	56	61.1	240	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF7			SDG No.:	BP110424
Lab Sample ID:	P4568-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	30.4
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
BP022852.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	61.1	240	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	61.1	240	ug/Kg
88-74-4	2-Nitroaniline	59	U	59	61.1	240	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	61.1	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	63	U	63	61.1	240	ug/Kg
208-96-8	Acenaphthylene	46	U	46	61.1	240	ug/Kg
99-09-2	3-Nitroaniline	63	U	63	120	470	ug/Kg
83-32-9	Acenaphthene	42	U	42	61.1	240	ug/Kg
51-28-5	2,4-Dinitrophenol	69	U	69	120	470	ug/Kg
100-02-7	4-Nitrophenol	63	U	63	120	470	ug/Kg
132-64-9	Dibenzofuran	46	U	46	61.1	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	62	U	62	61.1	240	ug/Kg
84-66-2	Diethylphthalate	43	U	43	61.1	240	ug/Kg
86-73-7	Fluorene	36	U	36	61.1	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	29	U	29	61.1	240	ug/Kg
100-01-6	4-Nitroaniline	45	U	45	120	470	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	120	470	ug/Kg
86-30-6	N-Nitrosodiphenylamine	47	U	47	61.1	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	61.1	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	42	U	42	61.1	240	ug/Kg
118-74-1	Hexachlorobenzene	46	U	46	61.1	240	ug/Kg
1912-24-9	Atrazine	100	U	100	120	470	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	120	470	ug/Kg
85-01-8	Phenanthrene	410		42	61.1	240	ug/Kg
608-93-5	Pentachlorobenzene	75	U	75	61.1	240	ug/Kg
120-12-7	Anthracene	60	J	36	61.1	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	72	U	72	61.1	240	ug/Kg
86-74-8	Carbazole	40	U	40	120	470	ug/Kg
84-74-2	Di-n-butylphthalate	88	U	88	61.1	240	ug/Kg
206-44-0	Fluoranthene	510		78	120	240	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF7			SDG No.:	BP110424
Lab Sample ID:	P4568-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	30.4
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
BP022852.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	330		70	61.1	240	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	61.1	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	69	120	470	ug/Kg
56-55-3	Benzo(a)anthracene	220	J	39	61.1	240	ug/Kg
218-01-9	Chrysene	250		45	61.1	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	61.1	240	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	120	470	ug/Kg
205-99-2	Benzo(b)fluoranthene	270		47	61.1	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	90	J	55	61.1	240	ug/Kg
50-32-8	Benzo(a)pyrene	77	J	46	61.1	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	61	J	45	61.1	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	40	U	40	61.1	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	61.1	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	61.1	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.28		15-120		28	SPK: -8
7291-22-7	Pyridine-d5	10.146		20-120		25	SPK: -40
4165-62-2	Phenol-d5	16.254		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.929		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.058		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	14.667		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	17.421		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.21		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.355		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.524		1-145		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.186		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	18.455		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.433		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	18.926		20-140		47	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF7			SDG No.:	BP110424
Lab Sample ID:	P4568-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	30.4
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
BP022852.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.725		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	18.285		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	17.287		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.779		10-140		37	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100110	7.628				
1146-65-2	Naphthalene-d8	376566	10.387				
15067-26-2	Acenaphthene-d10	291189	14.251				
1517-22-2	Phenanthrene-d10	689078	17.057				
1719-03-5	Chrysene-d12	705011	21.486				
1520-96-3	Perylene-d12	835827	24.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	180	J			17.986	
E966796	Total Alkanes	34	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF1			SDG No.:	BP110424
Lab Sample ID:	P4568-17			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	30
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
BP022853.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	9.4	95	ug/Kg
100-52-7	Benzaldehyde	64	U	64	120	470	ug/Kg
110-86-1	Pyridine	47	U	47	230	470	ug/Kg
108-95-2	Phenol	65	J	61	120	470	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	57	U	57	120	470	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	60.5	240	ug/Kg
95-48-7	2-Methylphenol	56	U	56	120	470	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	85	U	85	120	470	ug/Kg
98-86-2	Acetophenone	290	J	57	120	470	ug/Kg
106-44-5	4-Methylphenol	53	U	53	120	470	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	73	U	73	60.5	240	ug/Kg
67-72-1	Hexachloroethane	26	U	26	60.5	240	ug/Kg
98-95-3	Nitrobenzene	44	U	44	60.5	240	ug/Kg
78-59-1	Isophorone	68	U	68	60.5	240	ug/Kg
88-75-5	2-Nitrophenol	44	U	44	60.5	240	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	60.5	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	61	U	61	60.5	240	ug/Kg
120-83-2	2,4-Dichlorophenol	23	U	23	60.5	240	ug/Kg
91-20-3	Naphthalene	36	U	36	60.5	240	ug/Kg
106-47-8	4-Chloroaniline	34	U	34	60.5	470	ug/Kg
87-68-3	Hexachlorobutadiene	63	U	63	60.5	240	ug/Kg
105-60-2	Caprolactam	100	U	100	120	470	ug/Kg
59-50-7	4-Chloro-3-methylphenol	70	U	70	60.5	240	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	60.5	240	ug/Kg
91-57-6	2-Methylnaphthalene	33	U	33	60.5	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	120	470	ug/Kg
88-06-2	2,4,6-Trichlorophenol	70	U	70	60.5	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	56	60.5	240	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF1			SDG No.:	BP110424
Lab Sample ID:	P4568-17			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	30
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
BP022853.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	60.5	240	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	60.5	240	ug/Kg
88-74-4	2-Nitroaniline	58	U	58	60.5	240	ug/Kg
131-11-3	Dimethylphthalate	41	U	41	60.5	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	63	U	63	60.5	240	ug/Kg
208-96-8	Acenaphthylene	46	U	46	60.5	240	ug/Kg
99-09-2	3-Nitroaniline	63	U	63	120	470	ug/Kg
83-32-9	Acenaphthene	110	J	41	60.5	240	ug/Kg
51-28-5	2,4-Dinitrophenol	68	U	68	120	470	ug/Kg
100-02-7	4-Nitrophenol	63	U	63	120	470	ug/Kg
132-64-9	Dibenzofuran	80	J	46	60.5	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	61	U	61	60.5	240	ug/Kg
84-66-2	Diethylphthalate	43	U	43	60.5	240	ug/Kg
86-73-7	Fluorene	100	J	36	60.5	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28	U	28	60.5	240	ug/Kg
100-01-6	4-Nitroaniline	44	U	44	120	470	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	120	470	ug/Kg
86-30-6	N-Nitrosodiphenylamine	47	U	47	60.5	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	60.5	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	41	U	41	60.5	240	ug/Kg
118-74-1	Hexachlorobenzene	46	U	46	60.5	240	ug/Kg
1912-24-9	Atrazine	100	U	100	120	470	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	120	470	ug/Kg
85-01-8	Phenanthrene	1300		41	60.5	240	ug/Kg
608-93-5	Pentachlorobenzene	74	U	74	60.5	240	ug/Kg
120-12-7	Anthracene	250		36	60.5	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	71	U	71	60.5	240	ug/Kg
86-74-8	Carbazole	78	J	40	120	470	ug/Kg
84-74-2	Di-n-butylphthalate	87	U	87	60.5	240	ug/Kg
206-44-0	Fluoranthene	1400		77	120	240	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF1			SDG No.:	BP110424
Lab Sample ID:	P4568-17			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	30
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
BP022853.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	740		70	60.5	240	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	60.5	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68	U	68	120	470	ug/Kg
56-55-3	Benzo(a)anthracene	530		38	60.5	240	ug/Kg
218-01-9	Chrysene	550		44	60.5	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	60.5	240	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	120	470	ug/Kg
205-99-2	Benzo(b)fluoranthene	520		47	60.5	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	J	54	60.5	240	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	46	60.5	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	44	60.5	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	75	J	40	60.5	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	60.5	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	60.5	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.669		15-120		21	SPK: -8
7291-22-7	Pyridine-d5	6.781	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	12.082		10-130		30	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.466		10-150		29	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.04		15-120		33	SPK: -40
190780-66-6	4-Methylphenol-d8	12.975		10-140		32	SPK: -40
4165-60-0	Nitrobenzene-d5	13.173		10-135		33	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.611		10-120		34	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.787		10-140		34	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.63		1-145		19	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.316		10-145		36	SPK: -40
93951-97-4	Acenaphthylene-d8	14.243		15-120		36	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.114		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	15.179		20-140		38	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF1			SDG No.:	BP110424
Lab Sample ID:	P4568-17			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	30
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
BP022853.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.079		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	15.008		10-150		38	SPK: -40
1718-52-1	Pyrene-d10	14.193		10-130		35	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.17		10-140		28	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98611	7.628				
1146-65-2	Naphthalene-d8	386585	10.375				
15067-26-2	Acenaphthene-d10	313393	14.245				
1517-22-2	Phenanthrene-d10	741204	17.045				
1719-03-5	Chrysene-d12	719886	21.48				
1520-96-3	Perylene-d12	864175	24.727				
TENTATIVE IDENTIFIED COMPOUNDS							
013029-08-8	1,1-Biphenyl, 2,2-dichloro-	130	J			15.528	
000119-61-9	Benzophenone	130	J			15.628	
034883-43-7	1,1-Biphenyl, 2,4-dichloro-	100	J			16.269	
002531-84-2	Phenanthrene, 2-methyl-	200	J			17.957	
000832-69-9	Phenanthrene, 1-methyl-	240	J			18.01	
000613-12-7	Anthracene, 2-methyl-	110	J			18.186	
000612-94-2	Naphthalene, 2-phenyl-	110	J			18.475	
000084-65-1	9,10-Anthracenedione	120	J			18.522	
002381-21-7	Pyrene, 1-methyl-	110	J			19.91	
E966796	Total Alkanes	34	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF3			SDG No.:	BP110424
Lab Sample ID:	P4568-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	38.2
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022854.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	18	U	18	10.6	110	ug/Kg
100-52-7	Benzaldehyde	73	U	73	130	530	ug/Kg
110-86-1	Pyridine	53	U	53	270	530	ug/Kg
108-95-2	Phenol	69	U	69	130	530	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	65	U	65	130	530	ug/Kg
95-57-8	2-Chlorophenol	37	U	37	68.5	270	ug/Kg
95-48-7	2-Methylphenol	63	U	63	130	530	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	97	U	97	130	530	ug/Kg
98-86-2	Acetophenone	65	U	65	130	530	ug/Kg
106-44-5	4-Methylphenol	60	U	60	130	530	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	82	U	82	68.5	270	ug/Kg
67-72-1	Hexachloroethane	29	U	29	68.5	270	ug/Kg
98-95-3	Nitrobenzene	50	U	50	68.5	270	ug/Kg
78-59-1	Isophorone	77	U	77	68.5	270	ug/Kg
88-75-5	2-Nitrophenol	50	U	50	68.5	270	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	68.5	270	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	69	U	69	68.5	270	ug/Kg
120-83-2	2,4-Dichlorophenol	26	U	26	68.5	270	ug/Kg
91-20-3	Naphthalene	40	U	40	68.5	270	ug/Kg
106-47-8	4-Chloroaniline	39	U	39	68.5	530	ug/Kg
87-68-3	Hexachlorobutadiene	71	U	71	68.5	270	ug/Kg
105-60-2	Caprolactam	120	U	120	130	530	ug/Kg
59-50-7	4-Chloro-3-methylphenol	79	U	79	68.5	270	ug/Kg
90-12-0	1-Methylnaphthalene	53	U	53	68.5	270	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	68.5	270	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	130	530	ug/Kg
88-06-2	2,4,6-Trichlorophenol	79	U	79	68.5	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	63	U	63	68.5	270	ug/Kg

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Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF3			SDG No.:	BP110424
Lab Sample ID:	P4568-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	38.2
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022854.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	39	U	39	68.5	270	ug/Kg
91-58-7	2-Chloronaphthalene	42	U	42	68.5	270	ug/Kg
88-74-4	2-Nitroaniline	66	U	66	68.5	270	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	68.5	270	ug/Kg
606-20-2	2,6-Dinitrotoluene	71	U	71	68.5	270	ug/Kg
208-96-8	Acenaphthylene	52	U	52	68.5	270	ug/Kg
99-09-2	3-Nitroaniline	71	U	71	130	530	ug/Kg
83-32-9	Acenaphthene	47	U	47	68.5	270	ug/Kg
51-28-5	2,4-Dinitrophenol	77	U	77	130	530	ug/Kg
100-02-7	4-Nitrophenol	71	U	71	130	530	ug/Kg
132-64-9	Dibenzofuran	52	U	52	68.5	270	ug/Kg
121-14-2	2,4-Dinitrotoluene	69	U	69	68.5	270	ug/Kg
84-66-2	Diethylphthalate	48	U	48	68.5	270	ug/Kg
86-73-7	Fluorene	40	U	40	68.5	270	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	32	U	32	68.5	270	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	130	530	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	130	530	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	68.5	270	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	68.5	270	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47	U	47	68.5	270	ug/Kg
118-74-1	Hexachlorobenzene	52	U	52	68.5	270	ug/Kg
1912-24-9	Atrazine	110	U	110	130	530	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	130	530	ug/Kg
85-01-8	Phenanthrene	47	U	47	68.5	270	ug/Kg
608-93-5	Pentachlorobenzene	84	U	84	68.5	270	ug/Kg
120-12-7	Anthracene	40	U	40	68.5	270	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	81	U	81	68.5	270	ug/Kg
86-74-8	Carbazole	45	U	45	130	530	ug/Kg
84-74-2	Di-n-butylphthalate	98	U	98	68.5	270	ug/Kg
206-44-0	Fluoranthene	87	U	87	130	270	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF3			SDG No.:	BP110424
Lab Sample ID:	P4568-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	38.2
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022854.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	79	U	79	68.5	270	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	68.5	270	ug/Kg
91-94-1	3,3-Dichlorobenzidine	77	U	77	130	530	ug/Kg
56-55-3	Benzo(a)anthracene	44	U	44	68.5	270	ug/Kg
218-01-9	Chrysene	50	U	50	68.5	270	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	68.5	270	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	130	530	ug/Kg
205-99-2	Benzo(b)fluoranthene	53	U	53	68.5	270	ug/Kg
207-08-9	Benzo(k)fluoranthene	61	U	61	68.5	270	ug/Kg
50-32-8	Benzo(a)pyrene	52	U	52	68.5	270	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50	U	50	68.5	270	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	68.5	270	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	68.5	270	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	53	U	53	68.5	270	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.256		15-120		28	SPK: -8
7291-22-7	Pyridine-d5	12.831		20-120		32	SPK: -40
4165-62-2	Phenol-d5	16.113		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.612		10-150		39	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.325		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	17.287		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	17.412		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.215		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.488		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.33		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.807		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	18.343		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.436		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	18.671		20-140		47	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EF3			SDG No.:	BP110424
Lab Sample ID:	P4568-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	38.2
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022854.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.161		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	19.311		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	20.16		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.718		10-140		49	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83377	7.622				
1146-65-2	Naphthalene-d8	324608	10.381				
15067-26-2	Acenaphthene-d10	266133	14.251				
1517-22-2	Phenanthrene-d10	625766	17.051				
1719-03-5	Chrysene-d12	682761	21.492				
1520-96-3	Perylene-d12	799717	24.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	200	J			15.628	
000057-10-3	n-Hexadecanoic acid	270	J			17.986	
E966796	Total Alkanes	39	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EH4			SDG No.:	BP110424
Lab Sample ID:	P4568-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	28.7
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022855.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	9.3	94	ug/Kg
100-52-7	Benzaldehyde	63	U	63	120	460	ug/Kg
110-86-1	Pyridine	46	U	46	230	460	ug/Kg
108-95-2	Phenol	140	J	60	120	460	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	56	U	56	120	460	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	59.6	240	ug/Kg
95-48-7	2-Methylphenol	55	U	55	120	460	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	84	U	84	120	460	ug/Kg
98-86-2	Acetophenone	420	J	56	120	460	ug/Kg
106-44-5	4-Methylphenol	52	U	52	120	460	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	72	U	72	59.6	240	ug/Kg
67-72-1	Hexachloroethane	25	U	25	59.6	240	ug/Kg
98-95-3	Nitrobenzene	43	U	43	59.6	240	ug/Kg
78-59-1	Isophorone	67	U	67	59.6	240	ug/Kg
88-75-5	2-Nitrophenol	43	U	43	59.6	240	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	59.6	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	60	U	60	59.6	240	ug/Kg
120-83-2	2,4-Dichlorophenol	22	U	22	59.6	240	ug/Kg
91-20-3	Naphthalene	35	U	35	59.6	240	ug/Kg
106-47-8	4-Chloroaniline	34	U	34	59.6	460	ug/Kg
87-68-3	Hexachlorobutadiene	62	U	62	59.6	240	ug/Kg
105-60-2	Caprolactam	100	U	100	120	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	69	U	69	59.6	240	ug/Kg
90-12-0	1-Methylnaphthalene	46	U	46	59.6	240	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	59.6	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	120	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	69	U	69	59.6	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	59.6	240	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EH4			SDG No.:	BP110424
Lab Sample ID:	P4568-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	28.7
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022855.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	59.6	240	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	59.6	240	ug/Kg
88-74-4	2-Nitroaniline	58	U	58	59.6	240	ug/Kg
131-11-3	Dimethylphthalate	41	U	41	59.6	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	62	U	62	59.6	240	ug/Kg
208-96-8	Acenaphthylene	45	U	45	59.6	240	ug/Kg
99-09-2	3-Nitroaniline	62	U	62	120	460	ug/Kg
83-32-9	Acenaphthene	41	U	41	59.6	240	ug/Kg
51-28-5	2,4-Dinitrophenol	67	U	67	120	460	ug/Kg
100-02-7	4-Nitrophenol	62	U	62	120	460	ug/Kg
132-64-9	Dibenzofuran	45	U	45	59.6	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	60	U	60	59.6	240	ug/Kg
84-66-2	Diethylphthalate	42	U	42	59.6	240	ug/Kg
86-73-7	Fluorene	35	U	35	59.6	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28	U	28	59.6	240	ug/Kg
100-01-6	4-Nitroaniline	43	U	43	120	460	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	120	460	ug/Kg
86-30-6	N-Nitrosodiphenylamine	46	U	46	59.6	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	59.6	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	41	U	41	59.6	240	ug/Kg
118-74-1	Hexachlorobenzene	45	U	45	59.6	240	ug/Kg
1912-24-9	Atrazine	100	U	100	120	460	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	120	460	ug/Kg
85-01-8	Phenanthrene	470		41	59.6	240	ug/Kg
608-93-5	Pentachlorobenzene	73	U	73	59.6	240	ug/Kg
120-12-7	Anthracene	100	J	35	59.6	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	70	U	70	59.6	240	ug/Kg
86-74-8	Carbazole	39	U	39	120	460	ug/Kg
84-74-2	Di-n-butylphthalate	86	U	86	59.6	240	ug/Kg
206-44-0	Fluoranthene	660		76	120	240	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EH4			SDG No.:	BP110424
Lab Sample ID:	P4568-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	28.7
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022855.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	330		69	59.6	240	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	59.6	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67	U	67	120	460	ug/Kg
56-55-3	Benzo(a)anthracene	250		38	59.6	240	ug/Kg
218-01-9	Chrysene	250		43	59.6	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	59.6	240	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	120	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	290		46	59.6	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	87	J	53	59.6	240	ug/Kg
50-32-8	Benzo(a)pyrene	85	J	45	59.6	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	66	J	43	59.6	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	39	U	39	59.6	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	59.6	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	59.6	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.625		15-120		20	SPK: -8
7291-22-7	Pyridine-d5	0.881	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	10.978		10-130		27	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.407		10-150		26	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.83		15-120		30	SPK: -40
190780-66-6	4-Methylphenol-d8	10.899		10-140		27	SPK: -40
4165-60-0	Nitrobenzene-d5	11.603		10-135		29	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.706		10-120		29	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.83		10-140		30	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.749		1-145		7	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.124		10-145		30	SPK: -40
93951-97-4	Acenaphthylene-d8	11.944		15-120		30	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.002		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	12.687		20-140		32	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EH4			SDG No.:	BP110424
Lab Sample ID:	P4568-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	28.7
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022855.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.846		10-130		10	SPK: -40
1719-06-8	Anthracene-d10	12.266		10-150		31	SPK: -40
1718-52-1	Pyrene-d10	9.929		10-130		25	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.14		10-140		15	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100876	7.622				
1146-65-2	Naphthalene-d8	396843	10.375				
15067-26-2	Acenaphthene-d10	316011	14.245				
1517-22-2	Phenanthrene-d10	754787	17.051				
1719-03-5	Chrysene-d12	742311	21.486				
1520-96-3	Perylene-d12	905294	24.739				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Cyclic7.046	270	J			7.046	
000099-87-6	p-Cymene	160	J			7.752	
000065-85-0	Benzoic acid	120	J			9.693	
000119-61-9	Benzophenone	140	J			15.645	
000057-10-3	n-Hexadecanoic acid	240	J			17.992	
000203-64-5	4H-Cyclopenta[def]phenanthrene	96	J			18.163	
1000197-14-1	4b,8-Dimethyl-2-isopropylphenanthr	5900	J			18.727	
006566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	260	J			19.245	
001740-19-8	Dehydroabietic acid	150	J			21.104	
E966796	Total Alkanes	270				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EK1			SDG No.:	BP110424
Lab Sample ID:	P4568-11			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	37.3
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
BP022856.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	10.5	110	ug/Kg
100-52-7	Benzaldehyde	72	U	72	130	520	ug/Kg
110-86-1	Pyridine	52	U	52	260	520	ug/Kg
108-95-2	Phenol	68	U	68	130	520	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	64	U	64	130	520	ug/Kg
95-57-8	2-Chlorophenol	37	U	37	67.6	270	ug/Kg
95-48-7	2-Methylphenol	62	U	62	130	520	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	95	U	95	130	520	ug/Kg
98-86-2	Acetophenone	64	U	64	130	520	ug/Kg
106-44-5	4-Methylphenol	59	U	59	130	520	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	81	U	81	67.6	270	ug/Kg
67-72-1	Hexachloroethane	29	U	29	67.6	270	ug/Kg
98-95-3	Nitrobenzene	49	U	49	67.6	270	ug/Kg
78-59-1	Isophorone	76	U	76	67.6	270	ug/Kg
88-75-5	2-Nitrophenol	49	U	49	67.6	270	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	67.6	270	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	68	U	68	67.6	270	ug/Kg
120-83-2	2,4-Dichlorophenol	25	U	25	67.6	270	ug/Kg
91-20-3	Naphthalene	40	U	40	67.6	270	ug/Kg
106-47-8	4-Chloroaniline	38	U	38	67.6	520	ug/Kg
87-68-3	Hexachlorobutadiene	70	U	70	67.6	270	ug/Kg
105-60-2	Caprolactam	110	U	110	130	520	ug/Kg
59-50-7	4-Chloro-3-methylphenol	78	U	78	67.6	270	ug/Kg
90-12-0	1-Methylnaphthalene	52	U	52	67.6	270	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	67.6	270	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	130	520	ug/Kg
88-06-2	2,4,6-Trichlorophenol	78	U	78	67.6	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	62	U	62	67.6	270	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EK1			SDG No.:	BP110424
Lab Sample ID:	P4568-11			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	37.3
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
BP022856.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	38	U	38	67.6	270	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	67.6	270	ug/Kg
88-74-4	2-Nitroaniline	65	U	65	67.6	270	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	67.6	270	ug/Kg
606-20-2	2,6-Dinitrotoluene	70	U	70	67.6	270	ug/Kg
208-96-8	Acenaphthylene	51	U	51	67.6	270	ug/Kg
99-09-2	3-Nitroaniline	70	U	70	130	520	ug/Kg
83-32-9	Acenaphthene	46	U	46	67.6	270	ug/Kg
51-28-5	2,4-Dinitrophenol	76	U	76	130	520	ug/Kg
100-02-7	4-Nitrophenol	70	U	70	130	520	ug/Kg
132-64-9	Dibenzofuran	51	U	51	67.6	270	ug/Kg
121-14-2	2,4-Dinitrotoluene	68	U	68	67.6	270	ug/Kg
84-66-2	Diethylphthalate	48	U	48	67.6	270	ug/Kg
86-73-7	Fluorene	40	U	40	67.6	270	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	32	U	32	67.6	270	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	130	520	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	130	520	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	67.6	270	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	67.6	270	ug/Kg
101-55-3	4-Bromophenyl-phenylether	46	U	46	67.6	270	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	67.6	270	ug/Kg
1912-24-9	Atrazine	110	U	110	130	520	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	130	520	ug/Kg
85-01-8	Phenanthrene	140	J	46	67.6	270	ug/Kg
608-93-5	Pentachlorobenzene	83	U	83	67.6	270	ug/Kg
120-12-7	Anthracene	40	U	40	67.6	270	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	79	U	79	67.6	270	ug/Kg
86-74-8	Carbazole	45	U	45	130	520	ug/Kg
84-74-2	Di-n-butylphthalate	97	U	97	67.6	270	ug/Kg
206-44-0	Fluoranthene	210	J	86	130	270	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EK1			SDG No.:	BP110424
Lab Sample ID:	P4568-11			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	37.3
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
BP022856.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	180	J	78	67.6	270	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	67.6	270	ug/Kg
91-94-1	3,3-Dichlorobenzidine	76	U	76	130	520	ug/Kg
56-55-3	Benzo(a)anthracene	81	J	43	67.6	270	ug/Kg
218-01-9	Chrysene	82	J	49	67.6	270	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	67.6	270	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	130	520	ug/Kg
205-99-2	Benzo(b)fluoranthene	99	J	52	67.6	270	ug/Kg
207-08-9	Benzo(k)fluoranthene	60	U	60	67.6	270	ug/Kg
50-32-8	Benzo(a)pyrene	74	J	51	67.6	270	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49	U	49	67.6	270	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	67.6	270	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	67.6	270	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	67.6	270	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.766		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	14.552		20-120		36	SPK: -40
4165-62-2	Phenol-d5	18.436		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.958		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	20		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	20.446		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	19.826		10-135		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.299		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.821		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.885		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.85		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	21.215		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.254		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	22.469		20-140		56	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EK1			SDG No.:	BP110424
Lab Sample ID:	P4568-11			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	37.3
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
BP022856.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.635		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	21.747		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	24.263		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.163		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90247	7.628				
1146-65-2	Naphthalene-d8	354868	10.375				
15067-26-2	Acenaphthene-d10	296779	14.257				
1517-22-2	Phenanthrene-d10	731335	17.057				
1719-03-5	Chrysene-d12	703726	21.481				
1520-96-3	Perylene-d12	801779	24.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	270	J			15.64	
000057-10-3	n-Hexadecanoic acid	280	J			17.993	
E966796	Total Alkanes	38	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	11/3/2024 12:00:00 AM
Project:				Date Received:	11/3/2024 12:00:00 AM
Client Sample ID:	SBLK615			SDG No.:	BP110424
Lab Sample ID:	PB164615BL			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
BP022858.D	1	11/3/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	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)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	11/3/2024 12:00:00 AM
Project:				Date Received:	11/3/2024 12:00:00 AM
Client Sample ID:	SBLK615			SDG No.:	BP110424
Lab Sample ID:	PB164615BL			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
BP022858.D	1	11/3/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	11/3/2024 12:00:00 AM
Project:				Date Received:	11/3/2024 12:00:00 AM
Client Sample ID:	SBLK615			SDG No.:	BP110424
Lab Sample ID:	PB164615BL			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
BP022858.D	1	11/3/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	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	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.849		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	21.792		20-120		54	SPK: -40
4165-62-2	Phenol-d5	24.208		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.183		25-120		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.596		20-130		66	SPK: -40
190780-66-6	4-Methylphenol-d8	25.753		25-125		64	SPK: -40
4165-60-0	Nitrobenzene-d5	26.304		20-125		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.261		20-130		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.694		20-120		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.025		1-146		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.808		25-130		70	SPK: -40
93951-97-4	Acenaphthylene-d8	26.895		10-130		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.074		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	27.209		25-125		68	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/3/2024 12:00:00 AM
Project:				Date Received:	11/3/2024 12:00:00 AM
Client Sample ID:	SBLK615			SDG No.:	BP110424
Lab Sample ID:	PB164615BL			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
BP022858.D	1	11/3/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.335		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	27.798		25-130		69	SPK: -40
1718-52-1	Pyrene-d10	31.323		15-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.868		20-130		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88660	7.622				
1146-65-2	Naphthalene-d8	352195	10.381				
15067-26-2	Acenaphthene-d10	294035	14.239				
1517-22-2	Phenanthrene-d10	727569	17.051				
1719-03-5	Chrysene-d12	669428	21.492				
1520-96-3	Perylene-d12	741418	24.739				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	SBLK674			SDG No.:	BP110424
Lab Sample ID:	PB164674BL			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
BP022859.D	1	11/4/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164674

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	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)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	SBLK674			SDG No.:	BP110424
Lab Sample ID:	PB164674BL			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
BP022859.D	1	11/4/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164674

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	SBLK674			SDG No.:	BP110424
Lab Sample ID:	PB164674BL			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
BP022859.D	1	11/4/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164674

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	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	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.267		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	22.119		20-120		55	SPK: -40
4165-62-2	Phenol-d5	23.752		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.956		25-120		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.166		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	24.872		25-125		62	SPK: -40
4165-60-0	Nitrobenzene-d5	26.92		20-125		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.694		20-130		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.698		20-120		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.26		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.909		25-130		65	SPK: -40
93951-97-4	Acenaphthylene-d8	26.584		10-130		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.209		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	26.79		25-125		67	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	SBLK674			SDG No.:	BP110424
Lab Sample ID:	PB164674BL			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
BP022859.D	1	11/4/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164674

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.944		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	27.912		25-130		70	SPK: -40
1718-52-1	Pyrene-d10	28.839		15-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.607		20-130		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87269	7.622				
1146-65-2	Naphthalene-d8	325413	10.375				
15067-26-2	Acenaphthene-d10	261817	14.245				
1517-22-2	Phenanthrene-d10	644853	17.057				
1719-03-5	Chrysene-d12	690235	21.51				
1520-96-3	Perylene-d12	770205	24.774				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/30/2024 12:00:00 AM
Project:				Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0CP6			SDG No.:	BP110424
Lab Sample ID:	P4644-12			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
BP022860.D	1	11/3/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	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)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/30/2024 12:00:00 AM
Project:				Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0CP6			SDG No.:	BP110424
Lab Sample ID:	P4644-12			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
BP022860.D	1	11/3/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/30/2024 12:00:00 AM
Project:				Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0CP6			SDG No.:	BP110424
Lab Sample ID:	P4644-12			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
BP022860.D	1	11/3/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	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	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.672		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	5.039	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	6.923		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.179		25-120		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.127		20-130		58	SPK: -40
190780-66-6	4-Methylphenol-d8	16.707		25-125		42	SPK: -40
4165-60-0	Nitrobenzene-d5	25.405		20-125		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.485		20-130		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.594		20-120		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.098		1-146		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.568		25-130		69	SPK: -40
93951-97-4	Acenaphthylene-d8	25.233		10-130		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.577		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	27.15		25-125		68	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/30/2024 12:00:00 AM
Project:				Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0CP6			SDG No.:	BP110424
Lab Sample ID:	P4644-12			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
BP022860.D	1	11/3/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.732		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	30.895		25-130		77	SPK: -40
1718-52-1	Pyrene-d10	32.619		15-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.73		20-130		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94513	7.592				
1146-65-2	Naphthalene-d8	373849	10.351				
15067-26-2	Acenaphthene-d10	296798	14.233				
1517-22-2	Phenanthrene-d10	684476	17.051				
1719-03-5	Chrysene-d12	702616	21.503				
1520-96-3	Perylene-d12	805055	24.768				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	2.3	J			10.145	
000057-10-3	n-Hexadecanoic acid	3.7	J			17.992	
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB6			SDG No.:	BP110424
Lab Sample ID:	P4625-11			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
BP022861.D	1	10/31/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164574

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	J	0.35	0.51	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5.1	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10.1	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	0.92	U	0.92	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)	1.9	U	1.9	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.7	U	0.7	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5.1	ug/L
91-20-3	Naphthalene	100	E	0.95	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	0.95	U	0.95	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5.1	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	8.6		0.92	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	5	J	1.1	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB6			SDG No.:	BP110424
Lab Sample ID:	P4625-11			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
BP022861.D	1	10/31/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164574

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5.1	10	ug/L
83-32-9	Acenaphthene	16		0.97	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5.1	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5.1	ug/L
86-73-7	Fluorene	4.5	J	0.95	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	0.84	U	0.84	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.96	U	0.96	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5.1	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5.1	ug/L
86-74-8	Carbazole	4.4	J	1.1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5.1	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5.1	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB6			SDG No.:	BP110424
Lab Sample ID:	P4625-11			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
BP022861.D	1	10/31/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164574

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	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	1.1	U	1.1	2.5	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.026		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	3.421	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	8.058		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.166		25-120		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.206		20-130		73	SPK: -40
190780-66-6	4-Methylphenol-d8	20.851		25-125		52	SPK: -40
4165-60-0	Nitrobenzene-d5	33.994		20-125		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.863		20-130		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.775		20-120		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.862		1-146		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.299		25-130		93	SPK: -40
93951-97-4	Acenaphthylene-d8	35.458		10-130		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.219		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	37.501		25-125		94	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB6			SDG No.:	BP110424
Lab Sample ID:	P4625-11			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
BP022861.D	1	10/31/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164574

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.939		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	39.693		25-130		99	SPK: -40
1718-52-1	Pyrene-d10	39.68		15-130		99	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.752		20-130		99	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68015	7.622				
1146-65-2	Naphthalene-d8	265913	10.381				
15067-26-2	Acenaphthene-d10	212309	14.245				
1517-22-2	Phenanthrene-d10	514137	17.051				
1719-03-5	Chrysene-d12	577503	21.498				
1520-96-3	Perylene-d12	650042	24.751				
TENTATIVE IDENTIFIED COMPOUNDS							
000526-73-8	Benzene, 1,2,3-trimethyl-	6.1	J			7.281	
000496-11-7	Indane	100	J			7.987	
001560-06-1	Benzene, 2-butenyl-	2.8	J			8.705	
004265-25-2	Benzofuran, 2-methyl-	4.6	J			8.957	
017059-52-8	Benzofuran, 7-methyl-	6.8	J			9.069	
014371-10-9	Cinnamaldehyde, (E)-	3.5	J			9.134	
000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	3.3	J			9.634	
000824-90-8	1-Phenyl-1-butene	9.2	J			9.781	
004565-32-6	Benzo[b]thiophene, 2,3-dihydro-	3.7	J			11.481	
001195-14-8	Benzo[b]thiophene, 2-methyl-	2.7	J			11.934	
000119-61-9	Benzophenone	2.3	J			15.64	
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AB0			SDG No.:	BP110424
Lab Sample ID:	P4671-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022862.D	1	11/3/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	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)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AB0			SDG No.:	BP110424
Lab Sample ID:	P4671-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022862.D	1	11/3/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AB0			SDG No.:	BP110424
Lab Sample ID:	P4671-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022862.D	1	11/3/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	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	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.511		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	5.158	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	7.937		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.489		25-120		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.897		20-130		72	SPK: -40
190780-66-6	4-Methylphenol-d8	19.939		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	31.935		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.929		20-130		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.035		20-120		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.983		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.799		25-130		82	SPK: -40
93951-97-4	Acenaphthylene-d8	31.65		10-130		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.707		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	33.394		25-125		83	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AB0			SDG No.:	BP110424
Lab Sample ID:	P4671-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022862.D	1	11/3/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.269		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	36.024		25-130		90	SPK: -40
1718-52-1	Pyrene-d10	36.781		15-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.59		20-130		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72314	7.622				
1146-65-2	Naphthalene-d8	280619	10.375				
15067-26-2	Acenaphthene-d10	228813	14.239				
1517-22-2	Phenanthrene-d10	589010	17.045				
1719-03-5	Chrysene-d12	655701	21.492				
1520-96-3	Perylene-d12	738910	24.757				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AB1			SDG No.:	BP110424
Lab Sample ID:	P4671-02			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022863.D	1	11/3/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	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)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AB1			SDG No.:	BP110424
Lab Sample ID:	P4671-02			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022863.D	1	11/3/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AB1			SDG No.:	BP110424
Lab Sample ID:	P4671-02			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022863.D	1	11/3/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	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	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
7291-22-7	Pyridine-d5	8.115		20-120		20	SPK: -40
17647-74-4	1,4-Dioxane-d8	3.164		15-120		40	SPK: -8
4165-62-2	Phenol-d5	7.466		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.065		25-120		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.458		20-130		59	SPK: -40
190780-66-6	4-Methylphenol-d8	17		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	26.821		20-125		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.306		20-130		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.425		20-120		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.229		1-146		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.908		25-130		70	SPK: -40
93951-97-4	Acenaphthylene-d8	26.516		10-130		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.956		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	28.713		25-125		72	SPK: -40

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Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AB1			SDG No.:	BP110424
Lab Sample ID:	P4671-02			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022863.D	1	11/3/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.047		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	32.226		25-130		81	SPK: -40
1718-52-1	Pyrene-d10	33.584		15-130		84	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.954		20-130		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84949	7.622				
1146-65-2	Naphthalene-d8	332045	10.381				
15067-26-2	Acenaphthene-d10	264490	14.245				
1517-22-2	Phenanthrene-d10	636396	17.051				
1719-03-5	Chrysene-d12	677602	21.498				
1520-96-3	Perylene-d12	785797	24.751				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AB2			SDG No.:	BP110424
Lab Sample ID:	P4671-03			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022864.D	1	11/3/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	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)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AB2			SDG No.:	BP110424
Lab Sample ID:	P4671-03			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022864.D	1	11/3/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AB2			SDG No.:	BP110424
Lab Sample ID:	P4671-03			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022864.D	1	11/3/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	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	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.037		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	3.823	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	8.181		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.272		25-120		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.609		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	19.649		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	31.056		20-125		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.778		20-130		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.073		20-120		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.443		1-146		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.296		25-130		86	SPK: -40
93951-97-4	Acenaphthylene-d8	31.292		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.122		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	34.909		25-125		87	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AB2			SDG No.:	BP110424
Lab Sample ID:	P4671-03			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022864.D	1	11/3/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.393		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	38.754		25-130		97	SPK: -40
1718-52-1	Pyrene-d10	40.556		15-130		101	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.322		20-130		98	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61243	7.622				
1146-65-2	Naphthalene-d8	231685	10.375				
15067-26-2	Acenaphthene-d10	190897	14.245				
1517-22-2	Phenanthrene-d10	482576	17.051				
1719-03-5	Chrysene-d12	538325	21.498				
1520-96-3	Perylene-d12	641772	24.757				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0SY1			SDG No.:	BP110424
Lab Sample ID:	P4670-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022865.D	1	11/4/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164674

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	2	J	0.91	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)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	35		1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.6	J	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0SY1			SDG No.:	BP110424
Lab Sample ID:	P4670-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022865.D	1	11/4/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164674

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	5.2		1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0SY1			SDG No.:	BP110424
Lab Sample ID:	P4670-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022865.D	1	11/4/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164674

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	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	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.522		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	5.539	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	10.397		10-130		26	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.16		25-120		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.863		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	22.25		25-125		56	SPK: -40
4165-60-0	Nitrobenzene-d5	32.166		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.764		20-130		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.513		20-120		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.808		1-146		20	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.614		25-130		82	SPK: -40
93951-97-4	Acenaphthylene-d8	31.357		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.609		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	32.878		25-125		82	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0SY1			SDG No.:	BP110424
Lab Sample ID:	P4670-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022865.D	1	11/4/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164674

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.344		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	35.228		25-130		88	SPK: -40
1718-52-1	Pyrene-d10	36.148		15-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.681		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68955	7.622				
1146-65-2	Naphthalene-d8	260076	10.381				
15067-26-2	Acenaphthene-d10	206458	14.24				
1517-22-2	Phenanthrene-d10	503523	17.057				
1719-03-5	Chrysene-d12	564608	21.486				
1520-96-3	Perylene-d12	652199	24.751				
TENTATIVE IDENTIFIED COMPOUNDS							
000121-73-3	Benzene, 1-chloro-3-nitro-	20	J			10.981	
000088-73-3	Benzene, 1-chloro-2-nitro-	5	J			11.193	
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0SY3			SDG No.:	BP110424
Lab Sample ID:	P4670-02			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022866.D	1	11/4/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164674

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	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)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	2.6	J	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0SY3			SDG No.:	BP110424
Lab Sample ID:	P4670-02			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022866.D	1	11/4/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164674

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0SY3			SDG No.:	BP110424
Lab Sample ID:	P4670-02			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022866.D	1	11/4/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164674

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	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	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.496		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	3.556	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	6.887		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.942		25-120		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.444		20-130		56	SPK: -40
190780-66-6	4-Methylphenol-d8	16.176		25-125		40	SPK: -40
4165-60-0	Nitrobenzene-d5	25.655		20-125		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.209		20-130		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.008		20-120		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.123		1-146		10	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.739		25-130		67	SPK: -40
93951-97-4	Acenaphthylene-d8	25.463		10-130		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.654		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	27.573		25-125		69	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0SY3			SDG No.:	BP110424
Lab Sample ID:	P4670-02			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022866.D	1	11/4/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164674

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.873		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	30.933		25-130		77	SPK: -40
1718-52-1	Pyrene-d10	31.561		15-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.263		20-130		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74350	7.622				
1146-65-2	Naphthalene-d8	276217	10.375				
15067-26-2	Acenaphthene-d10	226501	14.245				
1517-22-2	Phenanthrene-d10	580659	17.057				
1719-03-5	Chrysene-d12	647408	21.492				
1520-96-3	Perylene-d12	763988	24.751				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0SY4			SDG No.:	BP110424
Lab Sample ID:	P4670-03			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
BP022867.D	1	11/4/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164674

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.51	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5.1	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10.1	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	0.92	U	0.92	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)	1.9	U	1.9	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5.1	ug/L
98-95-3	Nitrobenzene	3	J	1.4	2.5	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.7	U	0.7	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5.1	ug/L
91-20-3	Naphthalene	0.95	U	0.95	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	0.95	U	0.95	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5.1	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.92	U	0.92	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0SY4			SDG No.:	BP110424
Lab Sample ID:	P4670-03			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
BP022867.D	1	11/4/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164674

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5.1	10	ug/L
83-32-9	Acenaphthene	0.97	U	0.97	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5.1	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5.1	ug/L
86-73-7	Fluorene	0.95	U	0.95	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	0.84	U	0.84	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.96	U	0.96	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5.1	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5.1	ug/L
86-74-8	Carbazole	1.1	U	1.1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5.1	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5.1	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0SY4			SDG No.:	BP110424
Lab Sample ID:	P4670-03			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
BP022867.D	1	11/4/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164674

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	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	1.1	U	1.1	2.5	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.159		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	4.904	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	8.947		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.64		25-120		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.609		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	19.886		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	29.793		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.866		20-130		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.801		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.824		1-146		5	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.611		25-130		77	SPK: -40
93951-97-4	Acenaphthylene-d8	29.156		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.098		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	31.79		25-125		79	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0SY4			SDG No.:	BP110424
Lab Sample ID:	P4670-03			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
BP022867.D	1	11/4/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164674

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.579		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	36.02		25-130		90	SPK: -40
1718-52-1	Pyrene-d10	36.039		15-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.945		20-130		95	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63841	7.622				
1146-65-2	Naphthalene-d8	248866	10.375				
15067-26-2	Acenaphthene-d10	199780	14.251				
1517-22-2	Phenanthrene-d10	499912	17.063				
1719-03-5	Chrysene-d12	561513	21.498				
1520-96-3	Perylene-d12	658293	24.75				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0SY5			SDG No.:	BP110424
Lab Sample ID:	P4670-04			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
BP022868.D	1	11/4/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164674

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.36	U	0.36	0.51	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5.1	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10.2	10	ug/L
108-95-2	Phenol	3.5	J	1.6	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	2.6	J	0.93	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)	1.9	U	1.9	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.6	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.6	5.1	ug/L
98-95-3	Nitrobenzene	45		1.4	2.6	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.6	5.1	ug/L
88-75-5	2-Nitrophenol	2.7	J	1.2	2.6	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.7	U	0.7	2.6	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.6	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.6	5.1	ug/L
91-20-3	Naphthalene	0.96	U	0.96	2.6	5.1	ug/L
106-47-8	4-Chloroaniline	0.96	U	0.96	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.6	5.1	ug/L
105-60-2	Caprolactam	2.7	U	2.7	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.6	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.93	U	0.93	2.6	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.6	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.2	U	3.2	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.6	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.6	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0SY5			SDG No.:	BP110424
Lab Sample ID:	P4670-04			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
BP022868.D	1	11/4/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164674

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.6	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.6	5.1	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.6	5.1	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.6	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.6	5.1	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.6	5.1	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5.1	10	ug/L
83-32-9	Acenaphthene	0.98	U	0.98	2.6	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.6	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.6	5.1	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.6	5.1	ug/L
86-73-7	Fluorene	0.96	U	0.96	2.6	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.6	5.1	ug/L
100-01-6	4-Nitroaniline	0.85	U	0.85	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.6	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	30		1.4	2.6	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.97	U	0.97	2.6	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.6	5.1	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5.1	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.6	5.1	ug/L
608-93-5	Pentachlorobenzene	2	J	1.7	2.6	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.6	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	73		1.7	2.6	5.1	ug/L
86-74-8	Carbazole	1.1	U	1.1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.6	5.1	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5.1	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0SY5			SDG No.:	BP110424
Lab Sample ID:	P4670-04			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
BP022868.D	1	11/4/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164674

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	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	1.1	U	1.1	2.6	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.1	U	3.1	2.6	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.807		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	7.634		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.794		25-120		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.34		20-130		61	SPK: -40
190780-66-6	4-Methylphenol-d8	12.362		25-125		31	SPK: -40
4165-60-0	Nitrobenzene-d5	30.193		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.86		20-130		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.864		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.229		1-146		6	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.721		25-130		74	SPK: -40
93951-97-4	Acenaphthylene-d8	28.745		10-130		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.915		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	31.914		25-125		80	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0SY5			SDG No.:	BP110424
Lab Sample ID:	P4670-04			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
BP022868.D	1	11/4/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164674

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.786		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	30.814		25-130		77	SPK: -40
1718-52-1	Pyrene-d10	31.152		15-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.305		20-130		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84954	7.652				
1146-65-2	Naphthalene-d8	278267	10.387				
15067-26-2	Acenaphthene-d10	222787	14.239				
1517-22-2	Phenanthrene-d10	567003	17.051				
1719-03-5	Chrysene-d12	696287	21.492				
1520-96-3	Perylene-d12	815495	24.751				
TENTATIVE IDENTIFIED COMPOUNDS							
000106-39-8	Benzene, 1-bromo-4-chloro-	9.9	J			9.099	
000694-80-4	Benzene, 1-bromo-2-chloro-	5.6	J			9.41	
000121-73-3	Benzene, 1-chloro-3-nitro-	21	J			10.981	
000057-10-3	n-Hexadecanoic acid	5.7	J			17.992	
000057-11-4	Octadecanoic acid	5.9	J			19.327	
064001-05-4	1,6,11,16,21,26-Hexaoxacyclotriaco	4	J			21.621	
000295-63-6	1,6,11-Trioxacyclopentadecane	6.1	J			25.28	
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/3/2024 12:00:00 AM
Project:				Date Received:	11/3/2024 12:00:00 AM
Client Sample ID:	SLCS615			SDG No.:	BP110424
Lab Sample ID:	PB164615BS			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
BP022869.D	1	11/3/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.1		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	4.5	J	1.1	5	10	ug/L
110-86-1	Pyridine	24		1.7	10	10	ug/L
108-95-2	Phenol	28		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	26		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	30		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	28		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	25		1.9	5	10	ug/L
98-86-2	Acetophenone	27		1.5	5	10	ug/L
106-44-5	4-Methylphenol	29		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	27		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	27		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	27		1.4	2.5	5	ug/L
78-59-1	Isophorone	27		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	30		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	29		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	26		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	31		1.1	2.5	5	ug/L
91-20-3	Naphthalene	29		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	17		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	29		1.5	2.5	5	ug/L
105-60-2	Caprolactam	26		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	31		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	28		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	29		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	14		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	29		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	30		1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	11/3/2024 12:00:00 AM
Project:				Date Received:	11/3/2024 12:00:00 AM
Client Sample ID:	SLCS615			SDG No.:	BP110424
Lab Sample ID:	PB164615BS			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
BP022869.D	1	11/3/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	28		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	27		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	27		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	29		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	28		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	27		1.6	5	10	ug/L
83-32-9	Acenaphthene	28		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	21		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	27		1.4	5	10	ug/L
132-64-9	Dibenzofuran	29		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	30		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	28		1.3	2.5	5	ug/L
86-73-7	Fluorene	29		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	29		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	32		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	24		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	28		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	28		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	29		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	30		1.2	2.5	5	ug/L
1912-24-9	Atrazine	30		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	29		1.9	5	10	ug/L
85-01-8	Phenanthrene	28		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	27		1.7	2.5	5	ug/L
120-12-7	Anthracene	28		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	27		1.7	2.5	5	ug/L
86-74-8	Carbazole	28		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	28		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	28		1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	11/3/2024 12:00:00 AM
Project:				Date Received:	11/3/2024 12:00:00 AM
Client Sample ID:	SLCS615			SDG No.:	BP110424
Lab Sample ID:	PB164615BS			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
BP022869.D	1	11/3/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	29		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	27		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	27		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	27		1.1	2.5	5	ug/L
218-01-9	Chrysene	28		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	26		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	27		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	29		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	29		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	28		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	28		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	28		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	27		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	31		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.25		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	24.363		20-120		61	SPK: -40
4165-62-2	Phenol-d5	27.574		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.601		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.198		20-130		73	SPK: -40
190780-66-6	4-Methylphenol-d8	28.073		25-125		70	SPK: -40
4165-60-0	Nitrobenzene-d5	29.177		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.354		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.994		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.492		1-146		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.611		25-130		67	SPK: -40
93951-97-4	Acenaphthylene-d8	27.638		10-130		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.841		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	28.295		25-125		71	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/3/2024 12:00:00 AM
Project:				Date Received:	11/3/2024 12:00:00 AM
Client Sample ID:	SLCS615			SDG No.:	BP110424
Lab Sample ID:	PB164615BS			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
BP022869.D	1	11/3/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.131		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	27.702		25-130		69	SPK: -40
1718-52-1	Pyrene-d10	28.123		15-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.916		20-130		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78441	7.622				
1146-65-2	Naphthalene-d8	302007	10.381				
15067-26-2	Acenaphthene-d10	253300	14.245				
1517-22-2	Phenanthrene-d10	643202	17.051				
1719-03-5	Chrysene-d12	732228	21.504				
1520-96-3	Perylene-d12	845641	24.751				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	SLCS674			SDG No.:	BP110424
Lab Sample ID:	PB164674BS			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
BP022870.D	1	11/4/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164674

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.3		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	3.8	J	1.1	5	10	ug/L
110-86-1	Pyridine	23		1.7	10	10	ug/L
108-95-2	Phenol	26		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	24		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	27		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	26		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	23		1.9	5	10	ug/L
98-86-2	Acetophenone	25		1.5	5	10	ug/L
106-44-5	4-Methylphenol	26		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	25		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	25		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	25		1.4	2.5	5	ug/L
78-59-1	Isophorone	25		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	28		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	27		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	25		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	29		1.1	2.5	5	ug/L
91-20-3	Naphthalene	26		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	16		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	27		1.5	2.5	5	ug/L
105-60-2	Caprolactam	25		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	28		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	26		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	27		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	13		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	27		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	28		1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	SLCS674			SDG No.:	BP110424
Lab Sample ID:	PB164674BS			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
BP022870.D	1	11/4/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164674

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	26		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	26		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	25		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	27		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	25		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	25		1.6	5	10	ug/L
83-32-9	Acenaphthene	26		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	19		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	25		1.4	5	10	ug/L
132-64-9	Dibenzofuran	27		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	27		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	26		1.3	2.5	5	ug/L
86-73-7	Fluorene	27		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	27		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	29		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	23		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	26		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	27		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	28		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	28		1.2	2.5	5	ug/L
1912-24-9	Atrazine	27		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	27		1.9	5	10	ug/L
85-01-8	Phenanthrene	26		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	26		1.7	2.5	5	ug/L
120-12-7	Anthracene	26		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	26		1.7	2.5	5	ug/L
86-74-8	Carbazole	25		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	26		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	28		1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	SLCS674			SDG No.:	BP110424
Lab Sample ID:	PB164674BS			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
BP022870.D	1	11/4/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164674

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	28		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	27		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	27		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	26		1.1	2.5	5	ug/L
218-01-9	Chrysene	26		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	26		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	27		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	28		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	27		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	26		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	26		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	26		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	25		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	29		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.214		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	23.412		20-120		59	SPK: -40
4165-62-2	Phenol-d5	26.391		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.522		25-120		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.271		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	26.771		25-125		67	SPK: -40
4165-60-0	Nitrobenzene-d5	26.951		20-125		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.187		20-130		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.937		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.166		1-146		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.894		25-130		65	SPK: -40
93951-97-4	Acenaphthylene-d8	26.85		10-130		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.523		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	26.988		25-125		67	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	SLCS674			SDG No.:	BP110424
Lab Sample ID:	PB164674BS			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
BP022870.D	1	11/4/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164674

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.309		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	27.498		25-130		69	SPK: -40
1718-52-1	Pyrene-d10	28.853		15-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.64		20-130		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94758	7.628				
1146-65-2	Naphthalene-d8	360030	10.375				
15067-26-2	Acenaphthene-d10	299718	14.251				
1517-22-2	Phenanthrene-d10	738348	17.057				
1719-03-5	Chrysene-d12	757730	21.486				
1520-96-3	Perylene-d12	854936	24.745				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SBLK462			SDG No.:	BP110424
Lab Sample ID:	PB164462BL			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
BP022872.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	330	ug/Kg
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
108-95-2	Phenol	43	U	43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	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)	60	U	60	82.5	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	31	U	31	42.5	170	ug/Kg
78-59-1	Isophorone	48	U	48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	16	U	16	42.5	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.5	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	23	U	23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	42.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SBLK462			SDG No.:	BP110424
Lab Sample ID:	PB164462BL			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
BP022872.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	32	U	32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.5	330	ug/Kg
83-32-9	Acenaphthene	29	U	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.5	170	ug/Kg
86-73-7	Fluorene	25	U	25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.5	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	74	U	74	82.5	330	ug/Kg
85-01-8	Phenanthrene	29	U	29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.5	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.5	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	42.5	170	ug/Kg
206-44-0	Fluoranthene	54	U	54	82.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SBLK462			SDG No.:	BP110424
Lab Sample ID:	PB164462BL			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
BP022872.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.035		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	22.477		20-120		56	SPK: -40
4165-62-2	Phenol-d5	24.445		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.437		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.24		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	25.765		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	26.591		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.641		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.995		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.8		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.771		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	26.33		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.417		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	26.729		20-140		67	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SBLK462			SDG No.:	BP110424
Lab Sample ID:	PB164462BL			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
BP022872.D	1	10/28/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.046		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	27.604		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	27.539		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.442		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92293	7.622				
1146-65-2	Naphthalene-d8	361370	10.375				
15067-26-2	Acenaphthene-d10	291223	14.24				
1517-22-2	Phenanthrene-d10	722817	17.051				
1719-03-5	Chrysene-d12	800634	21.498				
1520-96-3	Perylene-d12	894055	24.774				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE2			SDG No.:	BP110424
Lab Sample ID:	P4568-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.6
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
BP022873.D	1	10/28/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8.1	82	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	63	J	53	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	52	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73	U	73	100	400	ug/Kg
98-86-2	Acetophenone	240	J	49	100	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	52	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	52	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	52	210	ug/Kg
78-59-1	Isophorone	59	U	59	52	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	52	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	52	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	52	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	52	210	ug/Kg
91-20-3	Naphthalene	31	U	31	52	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	52	400	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	52	210	ug/Kg
105-60-2	Caprolactam	88	U	88	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	52	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	52	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	52	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	52	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	52	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE2			SDG No.:	BP110424
Lab Sample ID:	P4568-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.6
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
BP022873.D	1	10/28/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	52	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	52	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	52	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	52	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	52	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	52	210	ug/Kg
99-09-2	3-Nitroaniline	54	U	54	100	400	ug/Kg
83-32-9	Acenaphthene	36	U	36	52	210	ug/Kg
51-28-5	2,4-Dinitrophenol	59	U	59	100	400	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	52	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	53	52	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	52	210	ug/Kg
86-73-7	Fluorene	31	U	31	52	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	52	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	94	U	94	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	52	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	52	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	52	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	52	210	ug/Kg
1912-24-9	Atrazine	87	U	87	100	400	ug/Kg
87-86-5	Pentachlorophenol	91	U	91	100	400	ug/Kg
85-01-8	Phenanthrene	36	U	36	52	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	52	210	ug/Kg
120-12-7	Anthracene	31	U	31	52	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	52	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	52	210	ug/Kg
206-44-0	Fluoranthene	66	U	66	100	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE2			SDG No.:	BP110424
Lab Sample ID:	P4568-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.6
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
BP022873.D	1	10/28/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60	U	60	52	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	52	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	52	210	ug/Kg
218-01-9	Chrysene	38	U	38	52	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	52	210	ug/Kg
117-84-0	Di-n-octyl phthalate	93	U	93	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	52	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	52	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	52	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	52	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	52	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	52	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.856	*	15-120		11	SPK: -8
7291-22-7	Pyridine-d5	1.232	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	5.08		10-130		13	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	5.37		10-150		13	SPK: -40
93951-73-6	2-Chlorophenol-d4	5.782	*	15-120		14	SPK: -40
190780-66-6	4-Methylphenol-d8	4.535		10-140		11	SPK: -40
4165-60-0	Nitrobenzene-d5	5.759		10-135		14	SPK: -40
93951-78-1	2-Nitrophenol-d4	5.739		10-120		14	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	5.399		10-140		13	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.115		1-145		5	SPK: -40
85448-30-2	Dimethylphthalate-d6	6.019		10-145		15	SPK: -40
93951-97-4	Acenaphthylene-d8	5.685	*	15-120		14	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.291	*	10-150		8	SPK: -40
81103-79-9	Fluorene-d10	6.125	*	20-140		15	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE2			SDG No.:	BP110424
Lab Sample ID:	P4568-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.6
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
BP022873.D	1	10/28/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.108	*	10-130		5	SPK: -40
1719-06-8	Anthracene-d10	5.527		10-150		14	SPK: -40
1718-52-1	Pyrene-d10	4.586		10-130		11	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	3.059	*	10-140		8	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87101	7.628				
1146-65-2	Naphthalene-d8	335886	10.381				
15067-26-2	Acenaphthene-d10	258685	14.245				
1517-22-2	Phenanthrene-d10	613573	17.057				
1719-03-5	Chrysene-d12	683354	21.492				
1520-96-3	Perylene-d12	861660	24.739				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	29	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE3			SDG No.:	BP110424
Lab Sample ID:	P4568-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	41.7
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022874.D	1	10/28/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	11.3	110	ug/Kg
100-52-7	Benzaldehyde	77	U	77	140	560	ug/Kg
110-86-1	Pyridine	56	U	56	280	560	ug/Kg
108-95-2	Phenol	100	J	74	140	560	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	68	U	68	140	560	ug/Kg
95-57-8	2-Chlorophenol	39	U	39	72.7	290	ug/Kg
95-48-7	2-Methylphenol	67	U	67	140	560	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	560	ug/Kg
98-86-2	Acetophenone	400	J	68	140	560	ug/Kg
106-44-5	4-Methylphenol	63	U	63	140	560	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	87	U	87	72.7	290	ug/Kg
67-72-1	Hexachloroethane	31	U	31	72.7	290	ug/Kg
98-95-3	Nitrobenzene	53	U	53	72.7	290	ug/Kg
78-59-1	Isophorone	82	U	82	72.7	290	ug/Kg
88-75-5	2-Nitrophenol	53	U	53	72.7	290	ug/Kg
105-67-9	2,4-Dimethylphenol	43	U	43	72.7	290	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	74	U	74	72.7	290	ug/Kg
120-83-2	2,4-Dichlorophenol	27	U	27	72.7	290	ug/Kg
91-20-3	Naphthalene	43	U	43	72.7	290	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	72.7	560	ug/Kg
87-68-3	Hexachlorobutadiene	75	U	75	72.7	290	ug/Kg
105-60-2	Caprolactam	120	U	120	140	560	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84	U	84	72.7	290	ug/Kg
90-12-0	1-Methylnaphthalene	56	U	56	72.7	290	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	72.7	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	140	560	ug/Kg
88-06-2	2,4,6-Trichlorophenol	84	U	84	72.7	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	67	U	67	72.7	290	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE3			SDG No.:	BP110424
Lab Sample ID:	P4568-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	41.7
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022874.D	1	10/28/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	41	U	41	72.7	290	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	72.7	290	ug/Kg
88-74-4	2-Nitroaniline	70	U	70	72.7	290	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	72.7	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	75	U	75	72.7	290	ug/Kg
208-96-8	Acenaphthylene	55	U	55	72.7	290	ug/Kg
99-09-2	3-Nitroaniline	75	U	75	140	560	ug/Kg
83-32-9	Acenaphthene	50	U	50	72.7	290	ug/Kg
51-28-5	2,4-Dinitrophenol	82	U	82	140	560	ug/Kg
100-02-7	4-Nitrophenol	75	U	75	140	560	ug/Kg
132-64-9	Dibenzofuran	55	U	55	72.7	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	74	U	74	72.7	290	ug/Kg
84-66-2	Diethylphthalate	51	U	51	72.7	290	ug/Kg
86-73-7	Fluorene	43	U	43	72.7	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	34	U	34	72.7	290	ug/Kg
100-01-6	4-Nitroaniline	53	U	53	140	560	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	140	560	ug/Kg
86-30-6	N-Nitrosodiphenylamine	56	U	56	72.7	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	72.7	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50	U	50	72.7	290	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	72.7	290	ug/Kg
1912-24-9	Atrazine	120	U	120	140	560	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	140	560	ug/Kg
85-01-8	Phenanthrene	150	J	50	72.7	290	ug/Kg
608-93-5	Pentachlorobenzene	89	U	89	72.7	290	ug/Kg
120-12-7	Anthracene	43	U	43	72.7	290	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	85	U	85	72.7	290	ug/Kg
86-74-8	Carbazole	48	U	48	140	560	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	72.7	290	ug/Kg
206-44-0	Fluoranthene	330		92	140	290	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE3			SDG No.:	BP110424
Lab Sample ID:	P4568-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	41.7
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022874.D	1	10/28/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	160	J	84	72.7	290	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	72.7	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	82	U	82	140	560	ug/Kg
56-55-3	Benzo(a)anthracene	140	J	46	72.7	290	ug/Kg
218-01-9	Chrysene	150	J	53	72.7	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	U	160	72.7	290	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	140	560	ug/Kg
205-99-2	Benzo(b)fluoranthene	180	J	56	72.7	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	65	U	65	72.7	290	ug/Kg
50-32-8	Benzo(a)pyrene	55	U	55	72.7	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	U	53	72.7	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48	U	48	72.7	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	U	44	72.7	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	56	U	56	72.7	290	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.035	*	15-120		13	SPK: -8
7291-22-7	Pyridine-d5	1.296	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	6.126		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.269		10-150		16	SPK: -40
93951-73-6	2-Chlorophenol-d4	6.939		15-120		17	SPK: -40
190780-66-6	4-Methylphenol-d8	5.302		10-140		13	SPK: -40
4165-60-0	Nitrobenzene-d5	6.706		10-135		17	SPK: -40
93951-78-1	2-Nitrophenol-d4	6.601		10-120		17	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	6.771		10-140		17	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.853		1-145		5	SPK: -40
85448-30-2	Dimethylphthalate-d6	7.225		10-145		18	SPK: -40
93951-97-4	Acenaphthylene-d8	6.916		15-120		17	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.967		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	7.691	*	20-140		19	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE3			SDG No.:	BP110424
Lab Sample ID:	P4568-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	41.7
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022874.D	1	10/28/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.385	*	10-130		6	SPK: -40
1719-06-8	Anthracene-d10	7.051		10-150		18	SPK: -40
1718-52-1	Pyrene-d10	5.643		10-130		14	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	3.751	*	10-140		9	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100677	7.622				
1146-65-2	Naphthalene-d8	386255	10.381				
15067-26-2	Acenaphthene-d10	304531	14.251				
1517-22-2	Phenanthrene-d10	719008	17.057				
1719-03-5	Chrysene-d12	786645	21.498				
1520-96-3	Perylene-d12	920682	24.745				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	190	J			17.986	
	(DEL) Alkane: Straight-Chain23.874	180	J			23.874	
E966796	Total Alkanes	180				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4EC9			SDG No.:	BP110424
Lab Sample ID:	P4581-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022875.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8	81	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	52	U	52	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	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)	73	U	73	100	400	ug/Kg
98-86-2	Acetophenone	49	U	49	100	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	51.7	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51.7	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	51.7	210	ug/Kg
78-59-1	Isophorone	58	U	58	51.7	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	51.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	51.7	210	ug/Kg
91-20-3	Naphthalene	30	U	30	51.7	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51.7	400	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	51.7	210	ug/Kg
105-60-2	Caprolactam	88	U	88	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	51.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	51.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	51.7	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4EC9			SDG No.:	BP110424
Lab Sample ID:	P4581-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022875.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	51.7	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	51.7	210	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	51.7	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	51.7	210	ug/Kg
99-09-2	3-Nitroaniline	54	U	54	100	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51.7	210	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	100	400	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	51.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51.7	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	51.7	210	ug/Kg
86-73-7	Fluorene	30	U	30	51.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.7	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	94	U	94	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51.7	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	51.7	210	ug/Kg
1912-24-9	Atrazine	86	U	86	100	400	ug/Kg
87-86-5	Pentachlorophenol	90	U	90	100	400	ug/Kg
85-01-8	Phenanthrene	69	J	35	51.7	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	51.7	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	51.7	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	51.7	210	ug/Kg
206-44-0	Fluoranthene	130	J	66	100	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4EC9			SDG No.:	BP110424
Lab Sample ID:	P4581-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022875.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	100	J	60	51.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	49	J	33	51.7	210	ug/Kg
218-01-9	Chrysene	61	J	38	51.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	92	U	92	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	78	J	40	51.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	54	J	39	51.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	51.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	J	32	51.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.52		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	17.856		20-120		45	SPK: -40
4165-62-2	Phenol-d5	24.792		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.268		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.978		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	25.093		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	25.752		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.249		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.051		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.733		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.668		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	27.132		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.5		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	26.955		20-140		67	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4EC9			SDG No.:	BP110424
Lab Sample ID:	P4581-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022875.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.662		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	26.474		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	29.003		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.878		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110840	7.622				
1146-65-2	Naphthalene-d8	431730	10.381				
15067-26-2	Acenaphthene-d10	335724	14.245				
1517-22-2	Phenanthrene-d10	807169	17.057				
1719-03-5	Chrysene-d12	834008	21.498				
1520-96-3	Perylene-d12	1006143	24.757				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	510	J			15.628	
000057-10-3	n-Hexadecanoic acid	430	J			17.998	
000057-11-4	Octadecanoic acid	94	J			19.333	
	(DEL) Alkane: Straight-Chain21.186	200	J			21.186	
E966796	Total Alkanes	200				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4EC9MS			SDG No.:	BP110424
Lab Sample ID:	P4581-02MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.1
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022876.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	430		13	8.1	81	ug/Kg
100-52-7	Benzaldehyde	280	J	55	100	400	ug/Kg
110-86-1	Pyridine	1200		40	200	400	ug/Kg
108-95-2	Phenol	1400		52	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300		49	100	400	ug/Kg
95-57-8	2-Chlorophenol	1500		28	51.8	210	ug/Kg
95-48-7	2-Methylphenol	1400		48	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		73	100	400	ug/Kg
98-86-2	Acetophenone	1300		49	100	400	ug/Kg
106-44-5	4-Methylphenol	1400		45	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1300		62	51.8	210	ug/Kg
67-72-1	Hexachloroethane	1400		22	51.8	210	ug/Kg
98-95-3	Nitrobenzene	1400		38	51.8	210	ug/Kg
78-59-1	Isophorone	1300		59	51.8	210	ug/Kg
88-75-5	2-Nitrophenol	1600		38	51.8	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		30	51.8	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300		52	51.8	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		20	51.8	210	ug/Kg
91-20-3	Naphthalene	1500		30	51.8	210	ug/Kg
106-47-8	4-Chloroaniline	890		29	51.8	400	ug/Kg
87-68-3	Hexachlorobutadiene	1500		54	51.8	210	ug/Kg
105-60-2	Caprolactam	1300		88	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		60	51.8	210	ug/Kg
90-12-0	1-Methylnaphthalene	1400		40	51.8	210	ug/Kg
91-57-6	2-Methylnaphthalene	1500		28	51.8	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	700		120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		60	51.8	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		48	51.8	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4EC9MS			SDG No.:	BP110424
Lab Sample ID:	P4581-02MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.1
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022876.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1500		29	51.8	210	ug/Kg
91-58-7	2-Chloronaphthalene	1500		32	51.8	210	ug/Kg
88-74-4	2-Nitroaniline	1500		50	51.8	210	ug/Kg
131-11-3	Dimethylphthalate	1400		35	51.8	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		54	51.8	210	ug/Kg
208-96-8	Acenaphthylene	1400		39	51.8	210	ug/Kg
99-09-2	3-Nitroaniline	1500		54	100	400	ug/Kg
83-32-9	Acenaphthene	1400		35	51.8	210	ug/Kg
51-28-5	2,4-Dinitrophenol	1100		59	100	400	ug/Kg
100-02-7	4-Nitrophenol	1400		54	100	400	ug/Kg
132-64-9	Dibenzofuran	1400		39	51.8	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		52	51.8	210	ug/Kg
84-66-2	Diethylphthalate	1400		37	51.8	210	ug/Kg
86-73-7	Fluorene	1500		30	51.8	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		24	51.8	210	ug/Kg
100-01-6	4-Nitroaniline	1600		38	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		94	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1400		40	51.8	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		29	51.8	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		35	51.8	210	ug/Kg
118-74-1	Hexachlorobenzene	1600		39	51.8	210	ug/Kg
1912-24-9	Atrazine	1500		87	100	400	ug/Kg
87-86-5	Pentachlorophenol	1500		90	100	400	ug/Kg
85-01-8	Phenanthrene	1500		35	51.8	210	ug/Kg
608-93-5	Pentachlorobenzene	1400		63	51.8	210	ug/Kg
120-12-7	Anthracene	1400		30	51.8	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1400		61	51.8	210	ug/Kg
86-74-8	Carbazole	1400		34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	1400		74	51.8	210	ug/Kg
206-44-0	Fluoranthene	1700		66	100	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4EC9MS			SDG No.:	BP110424
Lab Sample ID:	P4581-02MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.1
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022876.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600		60	51.8	210	ug/Kg
85-68-7	Butylbenzylphthalate	1500		100	51.8	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		59	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	1500		33	51.8	210	ug/Kg
218-01-9	Chrysene	1500		38	51.8	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		120	51.8	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		93	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		40	51.8	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		46	51.8	210	ug/Kg
50-32-8	Benzo(a)pyrene	1500		39	51.8	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		38	51.8	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		34	51.8	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		32	51.8	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		40	51.8	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.494		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	18.305		20-120		46	SPK: -40
4165-62-2	Phenol-d5	23.91		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.933		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.46		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	23.588		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	26.351		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.429		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.144		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.103		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.794		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	26.003		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.493		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	25.846		20-140		65	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4EC9MS			SDG No.:	BP110424
Lab Sample ID:	P4581-02MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.1
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022876.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.436		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	25.585		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	27.432		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.415		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	107180	7.628				
1146-65-2	Naphthalene-d8	394382	10.381				
15067-26-2	Acenaphthene-d10	309302	14.245				
1517-22-2	Phenanthrene-d10	772428	17.045				
1719-03-5	Chrysene-d12	781660	21.498				
1520-96-3	Perylene-d12	924499	24.757				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	29	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4EC9MSD			SDG No.:	BP110424
Lab Sample ID:	P4581-03MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.1
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022877.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	380		13	8	81	ug/Kg
100-52-7	Benzaldehyde	250	J	55	100	400	ug/Kg
110-86-1	Pyridine	1100		40	200	400	ug/Kg
108-95-2	Phenol	1300		52	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200		49	100	400	ug/Kg
95-57-8	2-Chlorophenol	1400		28	51.8	210	ug/Kg
95-48-7	2-Methylphenol	1300		48	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		73	100	400	ug/Kg
98-86-2	Acetophenone	1200		49	100	400	ug/Kg
106-44-5	4-Methylphenol	1300		45	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1200		62	51.8	210	ug/Kg
67-72-1	Hexachloroethane	1300		22	51.8	210	ug/Kg
98-95-3	Nitrobenzene	1200		38	51.8	210	ug/Kg
78-59-1	Isophorone	1200		59	51.8	210	ug/Kg
88-75-5	2-Nitrophenol	1400		38	51.8	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		30	51.8	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1200		52	51.8	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		20	51.8	210	ug/Kg
91-20-3	Naphthalene	1300		30	51.8	210	ug/Kg
106-47-8	4-Chloroaniline	880		29	51.8	400	ug/Kg
87-68-3	Hexachlorobutadiene	1400		54	51.8	210	ug/Kg
105-60-2	Caprolactam	1200		88	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		60	51.8	210	ug/Kg
90-12-0	1-Methylnaphthalene	1300		40	51.8	210	ug/Kg
91-57-6	2-Methylnaphthalene	1300		28	51.8	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	610		120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		60	51.8	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		48	51.8	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4EC9MSD			SDG No.:	BP110424
Lab Sample ID:	P4581-03MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.1
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022877.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1300		29	51.8	210	ug/Kg
91-58-7	2-Chloronaphthalene	1400		32	51.8	210	ug/Kg
88-74-4	2-Nitroaniline	1300		50	51.8	210	ug/Kg
131-11-3	Dimethylphthalate	1300		35	51.8	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		54	51.8	210	ug/Kg
208-96-8	Acenaphthylene	1300		39	51.8	210	ug/Kg
99-09-2	3-Nitroaniline	1300		54	100	400	ug/Kg
83-32-9	Acenaphthene	1400		35	51.8	210	ug/Kg
51-28-5	2,4-Dinitrophenol	930		59	100	400	ug/Kg
100-02-7	4-Nitrophenol	1200		54	100	400	ug/Kg
132-64-9	Dibenzofuran	1300		39	51.8	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		52	51.8	210	ug/Kg
84-66-2	Diethylphthalate	1300		37	51.8	210	ug/Kg
86-73-7	Fluorene	1300		30	51.8	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		24	51.8	210	ug/Kg
100-01-6	4-Nitroaniline	1500		38	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		94	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1400		40	51.8	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		29	51.8	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		35	51.8	210	ug/Kg
118-74-1	Hexachlorobenzene	1500		39	51.8	210	ug/Kg
1912-24-9	Atrazine	1400		87	100	400	ug/Kg
87-86-5	Pentachlorophenol	1400		90	100	400	ug/Kg
85-01-8	Phenanthrene	1400		35	51.8	210	ug/Kg
608-93-5	Pentachlorobenzene	1400		63	51.8	210	ug/Kg
120-12-7	Anthracene	1300		30	51.8	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1400		61	51.8	210	ug/Kg
86-74-8	Carbazole	1300		34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	1300		74	51.8	210	ug/Kg
206-44-0	Fluoranthene	1600		66	100	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4EC9MSD			SDG No.:	BP110424
Lab Sample ID:	P4581-03MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.1
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022877.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1500		60	51.8	210	ug/Kg
85-68-7	Butylbenzylphthalate	1400		100	51.8	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	930		59	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	1400		33	51.8	210	ug/Kg
218-01-9	Chrysene	1400		38	51.8	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		120	51.8	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		93	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		40	51.8	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		46	51.8	210	ug/Kg
50-32-8	Benzo(a)pyrene	1400		39	51.8	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		38	51.8	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		34	51.8	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		32	51.8	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400		40	51.8	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.906		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	16.649		20-120		42	SPK: -40
4165-62-2	Phenol-d5	22.705		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.35		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.156		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	22.776		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	23.846		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.186		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.598		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.15		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.226		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	24.093		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.664		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	23.92		20-140		60	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4EC9MSD			SDG No.:	BP110424
Lab Sample ID:	P4581-03MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.1
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022877.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.434		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	23.879		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	25.729		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.134		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	113324	7.628				
1146-65-2	Naphthalene-d8	444485	10.375				
15067-26-2	Acenaphthene-d10	337485	14.245				
1517-22-2	Phenanthrene-d10	795959	17.051				
1719-03-5	Chrysene-d12	803033	21.492				
1520-96-3	Perylene-d12	944773	24.745				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	29	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4ED1			SDG No.:	BP110424
Lab Sample ID:	P4581-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.6
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
BP022878.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.8	79	ug/Kg
100-52-7	Benzaldehyde	53	U	53	97.7	390	ug/Kg
110-86-1	Pyridine	39	U	39	200	390	ug/Kg
108-95-2	Phenol	51	U	51	97.7	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	97.7	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	50.4	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97.7	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	71	U	71	97.7	390	ug/Kg
98-86-2	Acetophenone	47	U	47	97.7	390	ug/Kg
106-44-5	4-Methylphenol	44	U	44	97.7	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	60	50.4	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	50.4	200	ug/Kg
98-95-3	Nitrobenzene	37	U	37	50.4	200	ug/Kg
78-59-1	Isophorone	57	U	57	50.4	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	50.4	200	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	50.4	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	50.4	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	50.4	200	ug/Kg
91-20-3	Naphthalene	30	U	30	50.4	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	50.4	390	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	50.4	200	ug/Kg
105-60-2	Caprolactam	85	U	85	97.7	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	50.4	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	50.4	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	50.4	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	97.7	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	50.4	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	50.4	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4ED1			SDG No.:	BP110424
Lab Sample ID:	P4581-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.6
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
BP022878.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	50.4	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	50.4	200	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	50.4	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	50.4	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	50.4	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	50.4	200	ug/Kg
99-09-2	3-Nitroaniline	52	U	52	97.7	390	ug/Kg
83-32-9	Acenaphthene	34	U	34	50.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	57	U	57	97.7	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	97.7	390	ug/Kg
132-64-9	Dibenzofuran	38	U	38	50.4	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	51	50.4	200	ug/Kg
84-66-2	Diethylphthalate	36	U	36	50.4	200	ug/Kg
86-73-7	Fluorene	30	U	30	50.4	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.4	200	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	97.7	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	91	U	91	97.7	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	50.4	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	50.4	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	50.4	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	50.4	200	ug/Kg
1912-24-9	Atrazine	84	U	84	97.7	390	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	97.7	390	ug/Kg
85-01-8	Phenanthrene	34	U	34	50.4	200	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	50.4	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.4	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	59	U	59	50.4	200	ug/Kg
86-74-8	Carbazole	33	U	33	97.7	390	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	50.4	200	ug/Kg
206-44-0	Fluoranthene	66	J	64	97.7	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4ED1			SDG No.:	BP110424
Lab Sample ID:	P4581-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.6
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
BP022878.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	58	U	58	50.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	50.4	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	97.7	390	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	50.4	200	ug/Kg
218-01-9	Chrysene	37	U	37	50.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	50.4	200	ug/Kg
117-84-0	Di-n-octyl phthalate	90	U	90	97.7	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	46	J	39	50.4	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	50.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	50.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	50.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	50.4	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	50.4	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.451		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	13.68		20-120		34	SPK: -40
4165-62-2	Phenol-d5	17.135		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.62		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.363		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	15.5		10-140		39	SPK: -40
4165-60-0	Nitrobenzene-d5	18.87		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.302		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.015		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.324		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.899		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	19.564		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.155		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	19.606		20-140		49	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4ED1			SDG No.:	BP110424
Lab Sample ID:	P4581-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.6
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
BP022878.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.126		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	19.675		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	21.423		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.013		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	120049	7.622				
1146-65-2	Naphthalene-d8	460785	10.375				
15067-26-2	Acenaphthene-d10	354138	14.239				
1517-22-2	Phenanthrene-d10	807723	17.045				
1719-03-5	Chrysene-d12	800389	21.492				
1520-96-3	Perylene-d12	958156	24.75				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	350	J			15.627	
000057-10-3	n-Hexadecanoic acid	250	J			17.986	
E966796	Total Alkanes	28	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4ED2			SDG No.:	BP110424
Lab Sample ID:	P4581-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.8
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
BP022879.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.8	79	ug/Kg
100-52-7	Benzaldehyde	53	U	53	98	390	ug/Kg
110-86-1	Pyridine	39	U	39	200	390	ug/Kg
108-95-2	Phenol	51	U	51	98	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	98	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	50.5	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	98	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	71	U	71	98	390	ug/Kg
98-86-2	Acetophenone	48	U	48	98	390	ug/Kg
106-44-5	4-Methylphenol	44	U	44	98	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	61	U	61	50.5	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	50.5	200	ug/Kg
98-95-3	Nitrobenzene	37	U	37	50.5	200	ug/Kg
78-59-1	Isophorone	57	U	57	50.5	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	50.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	50.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	50.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	50.5	200	ug/Kg
91-20-3	Naphthalene	30	U	30	50.5	200	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	50.5	390	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	50.5	200	ug/Kg
105-60-2	Caprolactam	86	U	86	98	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	50.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	50.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	50.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	98	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	50.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	50.5	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4ED2			SDG No.:	BP110424
Lab Sample ID:	P4581-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.8
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
BP022879.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	50.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	50.5	200	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	50.5	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	50.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	50.5	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	50.5	200	ug/Kg
99-09-2	3-Nitroaniline	52	U	52	98	390	ug/Kg
83-32-9	Acenaphthene	34	U	34	50.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	57	U	57	98	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	98	390	ug/Kg
132-64-9	Dibenzofuran	38	U	38	50.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	51	50.5	200	ug/Kg
84-66-2	Diethylphthalate	36	U	36	50.5	200	ug/Kg
86-73-7	Fluorene	30	U	30	50.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.5	200	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	98	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	91	U	91	98	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	50.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	50.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	50.5	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	50.5	200	ug/Kg
1912-24-9	Atrazine	84	U	84	98	390	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	98	390	ug/Kg
85-01-8	Phenanthrene	46	J	34	50.5	200	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	50.5	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	59	U	59	50.5	200	ug/Kg
86-74-8	Carbazole	33	U	33	98	390	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	50.5	200	ug/Kg
206-44-0	Fluoranthene	83	J	64	98	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4ED2			SDG No.:	BP110424
Lab Sample ID:	P4581-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.8
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
BP022879.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	68	J	58	50.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	50.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	98	390	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	50.5	200	ug/Kg
218-01-9	Chrysene	37	U	37	50.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	50.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	90	U	90	98	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	46	J	39	50.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	50.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	50.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	50.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	50.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	50.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.027		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	16.519		20-120		41	SPK: -40
4165-62-2	Phenol-d5	21.234		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.539		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.686		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	21.67		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	21.887		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.987		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.028		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.525		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.109		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	22.986		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.329		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	23.376		20-140		58	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4ED2			SDG No.:	BP110424
Lab Sample ID:	P4581-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.8
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
BP022879.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.815		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	23.158		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	23.917		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.384		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	96707	7.628				
1146-65-2	Naphthalene-d8	377634	10.381				
15067-26-2	Acenaphthene-d10	287075	14.251				
1517-22-2	Phenanthrene-d10	671535	17.045				
1719-03-5	Chrysene-d12	700214	21.498				
1520-96-3	Perylene-d12	826738	24.745				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	430	J			15.634	
000057-10-3	n-Hexadecanoic acid	340	J			17.986	
	(DEL) Alkane: Straight-Chain21.186	85	J			21.186	
E966796	Total Alkanes	85				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4ED7			SDG No.:	BP110424
Lab Sample ID:	P4581-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20
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
BP022880.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.3	83	ug/Kg
100-52-7	Benzaldehyde	56	U	56	100	410	ug/Kg
110-86-1	Pyridine	41	U	41	210	410	ug/Kg
108-95-2	Phenol	54	U	54	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	50	U	50	100	410	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	53.1	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	75	U	75	100	410	ug/Kg
98-86-2	Acetophenone	50	U	50	100	410	ug/Kg
106-44-5	4-Methylphenol	46	U	46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	64	U	64	53.1	210	ug/Kg
67-72-1	Hexachloroethane	23	U	23	53.1	210	ug/Kg
98-95-3	Nitrobenzene	39	U	39	53.1	210	ug/Kg
78-59-1	Isophorone	60	U	60	53.1	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	53.1	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	53.1	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	53.1	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	53.1	210	ug/Kg
91-20-3	Naphthalene	31	U	31	53.1	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	53.1	410	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	53.1	210	ug/Kg
105-60-2	Caprolactam	90	U	90	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	61	U	61	53.1	210	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	53.1	210	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	53.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	53.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	53.1	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4ED7			SDG No.:	BP110424
Lab Sample ID:	P4581-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20
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
BP022880.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	53.1	210	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	53.1	210	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	53.1	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	53.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	53.1	210	ug/Kg
208-96-8	Acenaphthylene	40	U	40	53.1	210	ug/Kg
99-09-2	3-Nitroaniline	55	U	55	100	410	ug/Kg
83-32-9	Acenaphthene	36	U	36	53.1	210	ug/Kg
51-28-5	2,4-Dinitrophenol	60	U	60	100	410	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	410	ug/Kg
132-64-9	Dibenzofuran	40	U	40	53.1	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	53.1	210	ug/Kg
84-66-2	Diethylphthalate	38	U	38	53.1	210	ug/Kg
86-73-7	Fluorene	31	U	31	53.1	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.1	210	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	96	U	96	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	53.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	53.1	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	53.1	210	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	53.1	210	ug/Kg
1912-24-9	Atrazine	89	U	89	100	410	ug/Kg
87-86-5	Pentachlorophenol	93	U	93	100	410	ug/Kg
85-01-8	Phenanthrene	36	U	36	53.1	210	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	53.1	210	ug/Kg
120-12-7	Anthracene	31	U	31	53.1	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	63	U	63	53.1	210	ug/Kg
86-74-8	Carbazole	35	U	35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	76	U	76	53.1	210	ug/Kg
206-44-0	Fluoranthene	68	U	68	100	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4ED7			SDG No.:	BP110424
Lab Sample ID:	P4581-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20
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
BP022880.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	61	U	61	53.1	210	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	53.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	34	U	34	53.1	210	ug/Kg
218-01-9	Chrysene	39	U	39	53.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	53.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	95	U	95	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	53.1	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	53.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	40	U	40	53.1	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	53.1	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	53.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33	U	33	53.1	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	53.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.09		15-120		26	SPK: -8
7291-22-7	Pyridine-d5	9.022		20-120		23	SPK: -40
4165-62-2	Phenol-d5	16.871		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.83		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.309		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	17.709		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	17.558		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.929		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.885		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.474		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.579		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	19.278		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.721		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	19.062		20-140		48	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4ED7			SDG No.:	BP110424
Lab Sample ID:	P4581-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20
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
BP022880.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.598		10-130		14	SPK: -40
1719-06-8	Anthracene-d10	18.499		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	19.571		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.734		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	101425	7.622				
1146-65-2	Naphthalene-d8	386616	10.375				
15067-26-2	Acenaphthene-d10	298350	14.245				
1517-22-2	Phenanthrene-d10	730955	17.051				
1719-03-5	Chrysene-d12	769838	21.492				
1520-96-3	Perylene-d12	895949	24.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	140	J			15.64	
000057-10-3	n-Hexadecanoic acid	290	J			17.986	
000057-11-4	Octadecanoic acid	110	J			19.322	
	(DEL) Alkane: Straight-Chain21.186	97	J			21.186	
E966796	Total Alkanes	97				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4EC4			SDG No.:	BP110424
Lab Sample ID:	P4581-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.9
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022881.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.2	83	ug/Kg
100-52-7	Benzaldehyde	56	U	56	100	410	ug/Kg
110-86-1	Pyridine	41	U	41	210	410	ug/Kg
108-95-2	Phenol	54	U	54	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	50	U	50	100	410	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	53.1	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	75	U	75	100	410	ug/Kg
98-86-2	Acetophenone	180	J	50	100	410	ug/Kg
106-44-5	4-Methylphenol	46	U	46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	64	U	64	53.1	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	53.1	210	ug/Kg
98-95-3	Nitrobenzene	39	U	39	53.1	210	ug/Kg
78-59-1	Isophorone	60	U	60	53.1	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	53.1	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	53.1	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	53.1	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	53.1	210	ug/Kg
91-20-3	Naphthalene	31	U	31	53.1	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	53.1	410	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	53.1	210	ug/Kg
105-60-2	Caprolactam	90	U	90	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	61	U	61	53.1	210	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	53.1	210	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	53.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	53.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	53.1	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4EC4			SDG No.:	BP110424
Lab Sample ID:	P4581-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.9
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022881.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	53.1	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	53.1	210	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	53.1	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	53.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	53.1	210	ug/Kg
208-96-8	Acenaphthylene	40	U	40	53.1	210	ug/Kg
99-09-2	3-Nitroaniline	55	U	55	100	410	ug/Kg
83-32-9	Acenaphthene	36	U	36	53.1	210	ug/Kg
51-28-5	2,4-Dinitrophenol	60	U	60	100	410	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	410	ug/Kg
132-64-9	Dibenzofuran	40	U	40	53.1	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	53.1	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	53.1	210	ug/Kg
86-73-7	Fluorene	31	U	31	53.1	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.1	210	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	96	U	96	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	53.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	53.1	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	53.1	210	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	53.1	210	ug/Kg
1912-24-9	Atrazine	89	U	89	100	410	ug/Kg
87-86-5	Pentachlorophenol	92	U	92	100	410	ug/Kg
85-01-8	Phenanthrene	150	J	36	53.1	210	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	53.1	210	ug/Kg
120-12-7	Anthracene	31	U	31	53.1	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	62	U	62	53.1	210	ug/Kg
86-74-8	Carbazole	35	U	35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	76	U	76	53.1	210	ug/Kg
206-44-0	Fluoranthene	190	J	67	100	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4EC4			SDG No.:	BP110424
Lab Sample ID:	P4581-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.9
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022881.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	94	J	61	53.1	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	53.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	61	J	34	53.1	210	ug/Kg
218-01-9	Chrysene	71	J	39	53.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	53.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	95	U	95	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	J	41	53.1	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	53.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	40	U	40	53.1	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	53.1	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	53.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	53.1	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	53.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.266		15-120		16	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	7.961		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	8.018		10-150		20	SPK: -40
93951-73-6	2-Chlorophenol-d4	8.902		15-120		22	SPK: -40
190780-66-6	4-Methylphenol-d8	5.334		10-140		13	SPK: -40
4165-60-0	Nitrobenzene-d5	9.155		10-135		23	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.091		10-120		23	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.659		10-140		22	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.44		1-145		14	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.295		10-145		23	SPK: -40
93951-97-4	Acenaphthylene-d8	9.15		15-120		23	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.044		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	9.66		20-140		24	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4EC4			SDG No.:	BP110424
Lab Sample ID:	P4581-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.9
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022881.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.777	*	10-130		7	SPK: -40
1719-06-8	Anthracene-d10	8.853		10-150		22	SPK: -40
1718-52-1	Pyrene-d10	7.541		10-130		19	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	4.908		10-140		12	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110128	7.622				
1146-65-2	Naphthalene-d8	410139	10.375				
15067-26-2	Acenaphthene-d10	323472	14.257				
1517-22-2	Phenanthrene-d10	776628	17.051				
1719-03-5	Chrysene-d12	811032	21.486				
1520-96-3	Perylene-d12	958979	24.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	180	J			15.64	
000057-10-3	n-Hexadecanoic acid	160	J			17.998	
E966796	Total Alkanes	30	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/30/2024 12:00:00 AM
Project:				Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0CC0			SDG No.:	BP110424
Lab Sample ID:	P4644-13			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
BP022882.D	1	11/3/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	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)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/30/2024 12:00:00 AM
Project:				Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0CC0			SDG No.:	BP110424
Lab Sample ID:	P4644-13			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
BP022882.D	1	11/3/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/30/2024 12:00:00 AM
Project:				Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0CC0			SDG No.:	BP110424
Lab Sample ID:	P4644-13			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
BP022882.D	1	11/3/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	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	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.172		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	2.983	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	7.814		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.147		25-120		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.681		20-130		67	SPK: -40
190780-66-6	4-Methylphenol-d8	18.676		25-125		47	SPK: -40
4165-60-0	Nitrobenzene-d5	29.233		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.21		20-130		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.188		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.78		1-146		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.851		25-130		72	SPK: -40
93951-97-4	Acenaphthylene-d8	28.371		10-130		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.374		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	29.808		25-125		75	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/30/2024 12:00:00 AM
Project:				Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0CC0			SDG No.:	BP110424
Lab Sample ID:	P4644-13			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
BP022882.D	1	11/3/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.544		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	33.009		25-130		83	SPK: -40
1718-52-1	Pyrene-d10	34.262		15-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.949		20-130		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	99457	7.622				
1146-65-2	Naphthalene-d8	389653	10.375				
15067-26-2	Acenaphthene-d10	305389	14.234				
1517-22-2	Phenanthrene-d10	741183	17.033				
1719-03-5	Chrysene-d12	767862	21.48				
1520-96-3	Perylene-d12	877455	24.745				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/30/2024 12:00:00 AM
Project:				Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0CC9			SDG No.:	BP110424
Lab Sample ID:	P4644-14			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
BP022883.D	1	11/3/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	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)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/30/2024 12:00:00 AM
Project:				Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0CC9			SDG No.:	BP110424
Lab Sample ID:	P4644-14			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
BP022883.D	1	11/3/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/30/2024 12:00:00 AM
Project:				Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0CC9			SDG No.:	BP110424
Lab Sample ID:	P4644-14			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
BP022883.D	1	11/3/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	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	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.062		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	2.753	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	7.249		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.898		25-120		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.327		20-130		58	SPK: -40
190780-66-6	4-Methylphenol-d8	16.704		25-125		42	SPK: -40
4165-60-0	Nitrobenzene-d5	25.987		20-125		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.731		20-130		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.51		20-120		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.878		1-146		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.84		25-130		67	SPK: -40
93951-97-4	Acenaphthylene-d8	26.241		10-130		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.215		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	27.292		25-125		68	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/30/2024 12:00:00 AM
Project:				Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0CC9			SDG No.:	BP110424
Lab Sample ID:	P4644-14			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
BP022883.D	1	11/3/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164615

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.087		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	30.156		25-130		75	SPK: -40
1718-52-1	Pyrene-d10	31.02		15-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.979		20-130		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91511	7.622				
1146-65-2	Naphthalene-d8	352518	10.381				
15067-26-2	Acenaphthene-d10	272857	14.251				
1517-22-2	Phenanthrene-d10	671788	17.039				
1719-03-5	Chrysene-d12	749101	21.492				
1520-96-3	Perylene-d12	897764	24.751				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SBLK574	SDG No.:	BP110424
Lab Sample ID:	PB164574BL	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
BP022885.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164574

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	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)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SBLK574			SDG No.:	BP110424
Lab Sample ID:	PB164574BL			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
BP022885.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164574

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SBLK574			SDG No.:	BP110424
Lab Sample ID:	PB164574BL			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
BP022885.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164574

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	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	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.199		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	28.762		20-120		72	SPK: -40
4165-62-2	Phenol-d5	31.165		10-130		78	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.776		25-120		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.92		20-130		85	SPK: -40
190780-66-6	4-Methylphenol-d8	31.987		25-125		80	SPK: -40
4165-60-0	Nitrobenzene-d5	34.056		20-125		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.489		20-130		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.212		20-120		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.292		1-146		81	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.557		25-130		79	SPK: -40
93951-97-4	Acenaphthylene-d8	32.905		10-130		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.605		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	32.869		25-125		82	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM
Project:				Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	SBLK574			SDG No.:	BP110424
Lab Sample ID:	PB164574BL			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
BP022885.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164574

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.46		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	34.41		25-130		86	SPK: -40
1718-52-1	Pyrene-d10	35.464		15-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.225		20-130		88	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77726	7.622				
1146-65-2	Naphthalene-d8	296591	10.381				
15067-26-2	Acenaphthene-d10	236318	14.245				
1517-22-2	Phenanthrene-d10	560879	17.045				
1719-03-5	Chrysene-d12	601302	21.492				
1520-96-3	Perylene-d12	667938	24.739				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB6DL			SDG No.:	BP110424
Lab Sample ID:	P4625-11DL			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
BP022886.D	2	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164574

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.71	U	0.71	1	4	ug/L
100-52-7	Benzaldehyde	2.2	U	2.2	10.1	20	ug/L
110-86-1	Pyridine	3.4	U	3.4	20.2	20	ug/L
108-95-2	Phenol	3.2	U	3.2	10.1	20	ug/L
111-44-4	Bis(2-Chloroethyl)ether	2.8	U	2.8	10.1	20	ug/L
95-57-8	2-Chlorophenol	1.8	U	1.8	5.1	10	ug/L
95-48-7	2-Methylphenol	3	U	3	10.1	20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	3.8	U	3.8	10.1	20	ug/L
98-86-2	Acetophenone	3	U	3	10.1	20	ug/L
106-44-5	4-Methylphenol	3.4	U	3.4	10.1	20	ug/L
621-64-7	N-Nitroso-di-n-propylamine	3.8	U	3.8	5.1	10	ug/L
67-72-1	Hexachloroethane	2.2	U	2.2	5.1	10	ug/L
98-95-3	Nitrobenzene	2.8	U	2.8	5.1	10	ug/L
78-59-1	Isophorone	3.4	U	3.4	5.1	10	ug/L
88-75-5	2-Nitrophenol	2.4	U	2.4	5.1	10	ug/L
105-67-9	2,4-Dimethylphenol	1.4	U	1.4	5.1	10	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	3	U	3	5.1	10	ug/L
120-83-2	2,4-Dichlorophenol	2.2	U	2.2	5.1	10	ug/L
91-20-3	Naphthalene	100	D	1.9	5.1	10	ug/L
106-47-8	4-Chloroaniline	1.9	U	1.9	5.1	20	ug/L
87-68-3	Hexachlorobutadiene	3	U	3	5.1	10	ug/L
105-60-2	Caprolactam	5.3	U	5.3	10.1	20	ug/L
59-50-7	4-Chloro-3-methylphenol	3.2	U	3.2	5.1	10	ug/L
90-12-0	1-Methylnaphthalene	8.6	JD	1.8	5.1	10	ug/L
91-57-6	2-Methylnaphthalene	4.8	JD	2.2	5.1	10	ug/L
77-47-4	Hexachlorocyclopentadiene	6.3	U	6.3	10.1	20	ug/L
88-06-2	2,4,6-Trichlorophenol	4	U	4	5.1	10	ug/L
95-95-4	2,4,5-Trichlorophenol	3.2	U	3.2	5.1	10	ug/L

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB6DL			SDG No.:	BP110424
Lab Sample ID:	P4625-11DL			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
BP022886.D	2	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164574

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	2.2	U	2.2	5.1	10	ug/L
91-58-7	2-Chloronaphthalene	2.2	U	2.2	5.1	10	ug/L
88-74-4	2-Nitroaniline	3.6	U	3.6	5.1	10	ug/L
131-11-3	Dimethylphthalate	2.2	U	2.2	5.1	10	ug/L
606-20-2	2,6-Dinitrotoluene	3.4	U	3.4	5.1	10	ug/L
208-96-8	Acenaphthylene	2.4	U	2.4	5.1	10	ug/L
99-09-2	3-Nitroaniline	3.2	U	3.2	10.1	20	ug/L
83-32-9	Acenaphthene	15	D	1.9	5.1	10	ug/L
51-28-5	2,4-Dinitrophenol	3.6	U	3.6	10.1	20	ug/L
100-02-7	4-Nitrophenol	2.8	U	2.8	10.1	20	ug/L
132-64-9	Dibenzofuran	2.2	U	2.2	5.1	10	ug/L
121-14-2	2,4-Dinitrotoluene	3	U	3	5.1	10	ug/L
84-66-2	Diethylphthalate	2.6	U	2.6	5.1	10	ug/L
86-73-7	Fluorene	4.4	JD	1.9	5.1	10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	2.2	5.1	10	ug/L
100-01-6	4-Nitroaniline	1.7	U	1.7	10.1	20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	4.8	U	4.8	10.1	20	ug/L
86-30-6	N-Nitrosodiphenylamine	2.6	U	2.6	5.1	10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.8	U	2.8	5.1	10	ug/L
101-55-3	4-Bromophenyl-phenylether	1.9	U	1.9	5.1	10	ug/L
118-74-1	Hexachlorobenzene	2.4	U	2.4	5.1	10	ug/L
1912-24-9	Atrazine	3.6	U	3.6	10.1	20	ug/L
87-86-5	Pentachlorophenol	3.8	U	3.8	10.1	20	ug/L
85-01-8	Phenanthrene	2.4	U	2.4	5.1	10	ug/L
608-93-5	Pentachlorobenzene	3.4	U	3.4	5.1	10	ug/L
120-12-7	Anthracene	2.2	U	2.2	5.1	10	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	3.4	U	3.4	5.1	10	ug/L
86-74-8	Carbazole	4.1	JD	2.2	10.1	20	ug/L
84-74-2	Di-n-butylphthalate	3.8	U	3.8	5.1	10	ug/L
206-44-0	Fluoranthene	3.8	U	3.8	10.1	10	ug/L

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB6DL			SDG No.:	BP110424
Lab Sample ID:	P4625-11DL			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
BP022886.D	2	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164574

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3.6	U	3.6	5.1	10	ug/L
85-68-7	Butylbenzylphthalate	5.5	U	5.5	5.1	10	ug/L
91-94-1	3,3-Dichlorobenzidine	2.8	U	2.8	10.1	20	ug/L
56-55-3	Benzo(a)anthracene	2.2	U	2.2	5.1	10	ug/L
218-01-9	Chrysene	2.2	U	2.2	5.1	10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	6.1	U	6.1	5.1	10	ug/L
117-84-0	Di-n-octyl phthalate	4.8	U	4.8	10.1	20	ug/L
205-99-2	Benzo(b)fluoranthene	2.8	U	2.8	5.1	10	ug/L
207-08-9	Benzo(k)fluoranthene	2.8	U	2.8	5.1	10	ug/L
50-32-8	Benzo(a)pyrene	2.2	U	2.2	5.1	10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.8	U	2.8	5.1	10	ug/L
53-70-3	Dibenzo(a,h)anthracene	2.6	U	2.6	5.1	10	ug/L
191-24-2	Benzo(g,h,i)perylene	2.4	U	2.4	5.1	10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	3	U	3	5.1	10	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.318		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	2.906	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	7.126		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.856		25-120		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.732		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	19.468		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	33.226		20-125		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.428		20-130		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.192		20-120		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.102		1-146		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.772		25-130		89	SPK: -40
93951-97-4	Acenaphthylene-d8	33.736		10-130		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.044		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	36.688		25-125		92	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	C0AB6DL			SDG No.:	BP110424
Lab Sample ID:	P4625-11DL			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
BP022886.D	2	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164574

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.292		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	38.626		25-130		97	SPK: -40
1718-52-1	Pyrene-d10	38.984		15-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.388		20-130		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75477	7.622				
1146-65-2	Naphthalene-d8	283519	10.375				
15067-26-2	Acenaphthene-d10	229810	14.245				
1517-22-2	Phenanthrene-d10	567000	17.051				
1719-03-5	Chrysene-d12	621697	21.486				
1520-96-3	Perylene-d12	730335	24.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000526-73-8	Benzene, 1,2,3-trimethyl-	6.1	JD			7.275	
000496-11-7	Indane	100	JD			7.981	
004265-25-2	Benzofuran, 2-methyl-	4.4	JD			8.951	
017059-52-8	Benzofuran, 7-methyl-	7.1	JD			9.063	
014371-10-9	Cinnamaldehyde, (E)-	4.2	JD			9.134	
000934-10-1	3-Phenylbut-1-ene	9.7	JD			9.769	
E966796	Total Alkanes	2.2	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB7			SDG No.:	BP110424
Lab Sample ID:	P4581-24			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.7
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
BP022887.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.6	77	ug/Kg
100-52-7	Benzaldehyde	52	U	52	95.3	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	50	U	50	95.3	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	95.3	380	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	49.1	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	95.3	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	69	U	69	95.3	380	ug/Kg
98-86-2	Acetophenone	46	U	46	95.3	380	ug/Kg
106-44-5	4-Methylphenol	43	U	43	95.3	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	59	49.1	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	49.1	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	49.1	200	ug/Kg
78-59-1	Isophorone	55	U	55	49.1	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	49.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	49.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	49.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	49.1	200	ug/Kg
91-20-3	Naphthalene	29	U	29	49.1	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	49.1	380	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	49.1	200	ug/Kg
105-60-2	Caprolactam	83	U	83	95.3	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57	U	57	49.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	49.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	49.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	95.3	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	49.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	49.1	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB7			SDG No.:	BP110424
Lab Sample ID:	P4581-24			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.7
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
BP022887.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	49.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	49.1	200	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	49.1	200	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	49.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	51	49.1	200	ug/Kg
208-96-8	Acenaphthylene	37	U	37	49.1	200	ug/Kg
99-09-2	3-Nitroaniline	51	U	51	95.3	380	ug/Kg
83-32-9	Acenaphthene	33	U	33	49.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	55	U	55	95.3	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95.3	380	ug/Kg
132-64-9	Dibenzofuran	37	U	37	49.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	50	U	50	49.1	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	49.1	200	ug/Kg
86-73-7	Fluorene	29	U	29	49.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.1	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	95.3	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	89	U	89	95.3	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	49.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	49.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	49.1	200	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	49.1	200	ug/Kg
1912-24-9	Atrazine	82	U	82	95.3	380	ug/Kg
87-86-5	Pentachlorophenol	85	U	85	95.3	380	ug/Kg
85-01-8	Phenanthrene	170	J	33	49.1	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	49.1	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	58	U	58	49.1	200	ug/Kg
86-74-8	Carbazole	32	U	32	95.3	380	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	49.1	200	ug/Kg
206-44-0	Fluoranthene	180	J	62	95.3	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB7			SDG No.:	BP110424
Lab Sample ID:	P4581-24			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.7
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
BP022887.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	170	J	57	49.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	97	U	97	49.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	95.3	380	ug/Kg
56-55-3	Benzo(a)anthracene	79	J	31	49.1	200	ug/Kg
218-01-9	Chrysene	88	J	36	49.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	49.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	88	U	88	95.3	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	99	J	38	49.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	76	J	37	49.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	40	J	36	49.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	49.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52	J	30	49.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	49.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.013		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	15.945		20-120		40	SPK: -40
4165-62-2	Phenol-d5	19.728		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.732		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.281		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	20.269		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	21.675		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.491		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.034		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.022		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.519		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	21.665		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.839		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	21.624		20-140		54	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB7			SDG No.:	BP110424
Lab Sample ID:	P4581-24			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.7
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
BP022887.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.804		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	21.522		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	20.49		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.723		10-140		52	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85379	7.622				
1146-65-2	Naphthalene-d8	321484	10.375				
15067-26-2	Acenaphthene-d10	249150	14.245				
1517-22-2	Phenanthrene-d10	602133	17.051				
1719-03-5	Chrysene-d12	694952	21.492				
1520-96-3	Perylene-d12	855201	24.751				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	170	J			15.645	
000057-10-3	n-Hexadecanoic acid	330	J			17.992	
000057-11-4	Octadecanoic acid	94	J			19.322	
E966796	Total Alkanes	28	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4EC6			SDG No.:	BP110424
Lab Sample ID:	P4581-11			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.3
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
BP022888.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.8	78	ug/Kg
100-52-7	Benzaldehyde	53	U	53	97.1	390	ug/Kg
110-86-1	Pyridine	39	U	39	190	390	ug/Kg
108-95-2	Phenol	51	U	51	97.1	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	97.1	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	50	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97.1	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	71	U	71	97.1	390	ug/Kg
98-86-2	Acetophenone	47	U	47	97.1	390	ug/Kg
106-44-5	4-Methylphenol	44	U	44	97.1	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	60	50	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	50	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	50	200	ug/Kg
78-59-1	Isophorone	56	U	56	50	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	50	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	50	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	50	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	50	200	ug/Kg
91-20-3	Naphthalene	29	U	29	50	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	50	390	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	50	200	ug/Kg
105-60-2	Caprolactam	85	U	85	97.1	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	50	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	50	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	50	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	97.1	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	50	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	50	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4EC6			SDG No.:	BP110424
Lab Sample ID:	P4581-11			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.3
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
BP022888.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	50	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	50	200	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	50	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	50	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	50	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	50	200	ug/Kg
99-09-2	3-Nitroaniline	52	U	52	97.1	390	ug/Kg
83-32-9	Acenaphthene	34	U	34	50	200	ug/Kg
51-28-5	2,4-Dinitrophenol	56	U	56	97.1	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	97.1	390	ug/Kg
132-64-9	Dibenzofuran	38	U	38	50	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	51	50	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	50	200	ug/Kg
86-73-7	Fluorene	29	U	29	50	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	97.1	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	91	U	91	97.1	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	50	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	50	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	50	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	50	200	ug/Kg
1912-24-9	Atrazine	84	U	84	97.1	390	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	97.1	390	ug/Kg
85-01-8	Phenanthrene	34	U	34	50	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	50	200	ug/Kg
120-12-7	Anthracene	29	U	29	50	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	59	U	59	50	200	ug/Kg
86-74-8	Carbazole	33	U	33	97.1	390	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	50	200	ug/Kg
206-44-0	Fluoranthene	64	U	64	97.1	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4EC6			SDG No.:	BP110424
Lab Sample ID:	P4581-11			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.3
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
BP022888.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	58	U	58	50	200	ug/Kg
85-68-7	Butylbenzylphthalate	99	U	99	50	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	97.1	390	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	50	200	ug/Kg
218-01-9	Chrysene	36	U	36	50	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	50	200	ug/Kg
117-84-0	Di-n-octyl phthalate	89	U	89	97.1	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	39	50	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50	200	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	50	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	50	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	50	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	50	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	50	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.55		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	13.789		20-120		34	SPK: -40
4165-62-2	Phenol-d5	17.326		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.259		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.459		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	17.843		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	18.697		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.249		10-120		48	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.989		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.539		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.021		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	19.558		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.255		10-150		33	SPK: -40
81103-79-9	Fluorene-d10	19.504		20-140		49	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4EC6			SDG No.:	BP110424
Lab Sample ID:	P4581-11			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.3
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
BP022888.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.39		10-130		18	SPK: -40
1719-06-8	Anthracene-d10	19.06		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	21.101		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.573		10-140		49	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	102009	7.616				
1146-65-2	Naphthalene-d8	384240	10.381				
15067-26-2	Acenaphthene-d10	288935	14.251				
1517-22-2	Phenanthrene-d10	693864	17.057				
1719-03-5	Chrysene-d12	717797	21.492				
1520-96-3	Perylene-d12	854993	24.757				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	340	J			15.634	
000057-10-3	n-Hexadecanoic acid	200	J			17.986	
E966796	Total Alkanes	28	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4EC2			SDG No.:	BP110424
Lab Sample ID:	P4581-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022889.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.8	79	ug/Kg
100-52-7	Benzaldehyde	53	U	53	97.7	390	ug/Kg
110-86-1	Pyridine	39	U	39	200	390	ug/Kg
108-95-2	Phenol	51	U	51	97.7	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	97.7	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	50.3	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97.7	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	71	U	71	97.7	390	ug/Kg
98-86-2	Acetophenone	47	U	47	97.7	390	ug/Kg
106-44-5	4-Methylphenol	44	U	44	97.7	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	60	50.3	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	50.3	200	ug/Kg
98-95-3	Nitrobenzene	37	U	37	50.3	200	ug/Kg
78-59-1	Isophorone	57	U	57	50.3	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	50.3	200	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	50.3	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	50.3	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	50.3	200	ug/Kg
91-20-3	Naphthalene	30	U	30	50.3	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	50.3	390	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	50.3	200	ug/Kg
105-60-2	Caprolactam	85	U	85	97.7	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	50.3	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	50.3	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	50.3	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	97.7	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	50.3	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	50.3	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4EC2			SDG No.:	BP110424
Lab Sample ID:	P4581-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022889.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	50.3	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	50.3	200	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	50.3	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	50.3	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	50.3	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	50.3	200	ug/Kg
99-09-2	3-Nitroaniline	52	U	52	97.7	390	ug/Kg
83-32-9	Acenaphthene	34	U	34	50.3	200	ug/Kg
51-28-5	2,4-Dinitrophenol	57	U	57	97.7	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	97.7	390	ug/Kg
132-64-9	Dibenzofuran	38	U	38	50.3	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	51	50.3	200	ug/Kg
84-66-2	Diethylphthalate	36	U	36	50.3	200	ug/Kg
86-73-7	Fluorene	30	U	30	50.3	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.3	200	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	97.7	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	91	U	91	97.7	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	50.3	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	50.3	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	50.3	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	50.3	200	ug/Kg
1912-24-9	Atrazine	84	U	84	97.7	390	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	97.7	390	ug/Kg
85-01-8	Phenanthrene	43	J	34	50.3	200	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	50.3	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.3	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	59	U	59	50.3	200	ug/Kg
86-74-8	Carbazole	33	U	33	97.7	390	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	50.3	200	ug/Kg
206-44-0	Fluoranthene	65	J	64	97.7	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4EC2			SDG No.:	BP110424
Lab Sample ID:	P4581-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022889.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	59	J	58	50.3	200	ug/Kg
85-68-7	Butylbenzylphthalate	99	U	99	50.3	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	97.7	390	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	50.3	200	ug/Kg
218-01-9	Chrysene	37	U	37	50.3	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	50.3	200	ug/Kg
117-84-0	Di-n-octyl phthalate	90	U	90	97.7	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	39	50.3	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.3	200	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	50.3	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	50.3	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	50.3	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	50.3	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	50.3	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.921		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	15.82		20-120		40	SPK: -40
4165-62-2	Phenol-d5	19.656		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.57		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.525		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	19.497		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	21.874		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.294		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.54		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.185		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.787		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	22.147		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.559		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	22.829		20-140		57	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4EC2			SDG No.:	BP110424
Lab Sample ID:	P4581-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022889.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.449		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	22.365		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	23.141		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.594		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93032	7.622				
1146-65-2	Naphthalene-d8	358391	10.381				
15067-26-2	Acenaphthene-d10	278941	14.251				
1517-22-2	Phenanthrene-d10	655212	17.057				
1719-03-5	Chrysene-d12	709751	21.492				
1520-96-3	Perylene-d12	832621	24.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	210	J			15.639	
000057-10-3	n-Hexadecanoic acid	260	J			17.992	
E966796	Total Alkanes	28	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4ED3			SDG No.:	BP110424
Lab Sample ID:	P4581-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	22.5
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022890.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.5	86	ug/Kg
100-52-7	Benzaldehyde	58	U	58	110	430	ug/Kg
110-86-1	Pyridine	43	U	43	210	430	ug/Kg
108-95-2	Phenol	55	U	55	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	52	U	52	110	430	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	54.8	220	ug/Kg
95-48-7	2-Methylphenol	50	U	50	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	77	U	77	110	430	ug/Kg
98-86-2	Acetophenone	52	U	52	110	430	ug/Kg
106-44-5	4-Methylphenol	48	U	48	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	66	U	66	54.8	220	ug/Kg
67-72-1	Hexachloroethane	23	U	23	54.8	220	ug/Kg
98-95-3	Nitrobenzene	40	U	40	54.8	220	ug/Kg
78-59-1	Isophorone	62	U	62	54.8	220	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	54.8	220	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	54.8	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	54.8	220	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	54.8	220	ug/Kg
91-20-3	Naphthalene	32	U	32	54.8	220	ug/Kg
106-47-8	4-Chloroaniline	31	U	31	54.8	430	ug/Kg
87-68-3	Hexachlorobutadiene	57	U	57	54.8	220	ug/Kg
105-60-2	Caprolactam	93	U	93	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	63	U	63	54.8	220	ug/Kg
90-12-0	1-Methylnaphthalene	43	U	43	54.8	220	ug/Kg
91-57-6	2-Methylnaphthalene	30	U	30	54.8	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	63	U	63	54.8	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	54.8	220	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4ED3			SDG No.:	BP110424
Lab Sample ID:	P4581-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	22.5
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022890.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	54.8	220	ug/Kg
91-58-7	2-Chloronaphthalene	34	U	34	54.8	220	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	54.8	220	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	54.8	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	57	U	57	54.8	220	ug/Kg
208-96-8	Acenaphthylene	41	U	41	54.8	220	ug/Kg
99-09-2	3-Nitroaniline	57	U	57	110	430	ug/Kg
83-32-9	Acenaphthene	37	U	37	54.8	220	ug/Kg
51-28-5	2,4-Dinitrophenol	62	U	62	110	430	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	430	ug/Kg
132-64-9	Dibenzofuran	41	U	41	54.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	54.8	220	ug/Kg
84-66-2	Diethylphthalate	39	U	39	54.8	220	ug/Kg
86-73-7	Fluorene	32	U	32	54.8	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	54.8	220	ug/Kg
100-01-6	4-Nitroaniline	40	U	40	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	99	U	99	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	43	U	43	54.8	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	31	U	31	54.8	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	54.8	220	ug/Kg
118-74-1	Hexachlorobenzene	41	U	41	54.8	220	ug/Kg
1912-24-9	Atrazine	92	U	92	110	430	ug/Kg
87-86-5	Pentachlorophenol	95	U	95	110	430	ug/Kg
85-01-8	Phenanthrene	310		37	54.8	220	ug/Kg
608-93-5	Pentachlorobenzene	67	U	67	54.8	220	ug/Kg
120-12-7	Anthracene	63	J	32	54.8	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	65	U	65	54.8	220	ug/Kg
86-74-8	Carbazole	36	U	36	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	79	U	79	54.8	220	ug/Kg
206-44-0	Fluoranthene	460		70	110	220	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4ED3			SDG No.:	BP110424
Lab Sample ID:	P4581-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	22.5
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022890.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	390		63	54.8	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	54.8	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	180	J	35	54.8	220	ug/Kg
218-01-9	Chrysene	190	J	40	54.8	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	54.8	220	ug/Kg
117-84-0	Di-n-octyl phthalate	98	U	98	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	230		43	54.8	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	75	J	49	54.8	220	ug/Kg
50-32-8	Benzo(a)pyrene	180	J	41	54.8	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	89	J	40	54.8	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	36	U	36	54.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	J	34	54.8	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	54.8	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.762		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	14.204		20-120		36	SPK: -40
4165-62-2	Phenol-d5	17.73		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.574		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.072		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	18.482		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	18.874		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.29		10-120		48	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.206		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.149		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.736		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	19.58		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.796		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	20.134		20-140		50	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4ED3			SDG No.:	BP110424
Lab Sample ID:	P4581-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	22.5
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022890.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.635		10-130		14	SPK: -40
1719-06-8	Anthracene-d10	20.35		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	20.618		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.421		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90817	7.622				
1146-65-2	Naphthalene-d8	348720	10.375				
15067-26-2	Acenaphthene-d10	271072	14.246				
1517-22-2	Phenanthrene-d10	643049	17.051				
1719-03-5	Chrysene-d12	713863	21.498				
1520-96-3	Perylene-d12	856772	24.757				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	310	J			15.622	
000057-10-3	n-Hexadecanoic acid	430	J			17.992	
E966796	Total Alkanes	31	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4ED5			SDG No.:	BP110424
Lab Sample ID:	P4581-14			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.4
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022891.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.8	79	ug/Kg
100-52-7	Benzaldehyde	53	U	53	97.2	390	ug/Kg
110-86-1	Pyridine	39	U	39	190	390	ug/Kg
108-95-2	Phenol	51	U	51	97.2	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	97.2	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	50.1	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97.2	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	71	U	71	97.2	390	ug/Kg
98-86-2	Acetophenone	47	U	47	97.2	390	ug/Kg
106-44-5	4-Methylphenol	44	U	44	97.2	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	60	50.1	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	50.1	200	ug/Kg
98-95-3	Nitrobenzene	37	U	37	50.1	200	ug/Kg
78-59-1	Isophorone	57	U	57	50.1	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	50.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	50.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	50.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	50.1	200	ug/Kg
91-20-3	Naphthalene	29	U	29	50.1	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	50.1	390	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	50.1	200	ug/Kg
105-60-2	Caprolactam	85	U	85	97.2	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	50.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	50.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	50.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	97.2	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	50.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	50.1	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4ED5			SDG No.:	BP110424
Lab Sample ID:	P4581-14			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.4
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022891.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	50.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	50.1	200	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	50.1	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	50.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	50.1	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	50.1	200	ug/Kg
99-09-2	3-Nitroaniline	52	U	52	97.2	390	ug/Kg
83-32-9	Acenaphthene	91	J	34	50.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	57	U	57	97.2	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	97.2	390	ug/Kg
132-64-9	Dibenzofuran	38	U	38	50.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	51	50.1	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	50.1	200	ug/Kg
86-73-7	Fluorene	84	J	29	50.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.1	200	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	97.2	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	91	U	91	97.2	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	50.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	50.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	50.1	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	50.1	200	ug/Kg
1912-24-9	Atrazine	84	U	84	97.2	390	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	97.2	390	ug/Kg
85-01-8	Phenanthrene	820		34	50.1	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	50.1	200	ug/Kg
120-12-7	Anthracene	140	J	29	50.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	59	U	59	50.1	200	ug/Kg
86-74-8	Carbazole	33	U	33	97.2	390	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	50.1	200	ug/Kg
206-44-0	Fluoranthene	690		64	97.2	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4ED5			SDG No.:	BP110424
Lab Sample ID:	P4581-14			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.4
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022891.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	770		58	50.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	99	U	99	50.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	97.2	390	ug/Kg
56-55-3	Benzo(a)anthracene	290		32	50.1	200	ug/Kg
218-01-9	Chrysene	320		37	50.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	50.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	90	U	90	97.2	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	280		39	50.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	85	J	45	50.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	260		38	50.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	37	50.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	50.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	J	31	50.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	50.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.585		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	13.812		20-120		35	SPK: -40
4165-62-2	Phenol-d5	16.531		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.582		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.104		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	17.099		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	18.693		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.805		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.842		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.847		1-145		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.779		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	19.544		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.745		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	19.996		20-140		50	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4ED5			SDG No.:	BP110424
Lab Sample ID:	P4581-14			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.4
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022891.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.207		10-130		18	SPK: -40
1719-06-8	Anthracene-d10	19.918		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	21.683		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.535		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	102955	7.622				
1146-65-2	Naphthalene-d8	391201	10.381				
15067-26-2	Acenaphthene-d10	303675	14.24				
1517-22-2	Phenanthrene-d10	712880	17.045				
1719-03-5	Chrysene-d12	731125	21.498				
1520-96-3	Perylene-d12	860326	24.762				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	330	J			15.628	
002531-84-2	Phenanthrene, 2-methyl-	210	J			17.963	
000057-10-3	n-Hexadecanoic acid	250	J			17.992	
000610-48-0	Anthracene, 1-methyl-	240	J			18.01	
004505-48-0	1H-Indene, 2-phenyl-	140	J			18.198	
002789-88-0	di-p-Tolylacetylene	140	J			18.922	
002381-21-7	Pyrene, 1-methyl-	81	J			19.916	
000243-17-4	11H-Benzo[b]fluorene	110	J			20.098	
000205-82-3	Benzo[j]fluoranthene	110	J			24.445	
E966796	Total Alkanes	28	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EA9			SDG No.:	BP110424
Lab Sample ID:	P4581-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022892.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.9	80	ug/Kg
100-52-7	Benzaldehyde	54	U	54	98.5	390	ug/Kg
110-86-1	Pyridine	39	U	39	200	390	ug/Kg
108-95-2	Phenol	65	J	51	98.5	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	98.5	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	50.7	200	ug/Kg
95-48-7	2-Methylphenol	47	U	47	98.5	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72	U	72	98.5	390	ug/Kg
98-86-2	Acetophenone	270	J	48	98.5	390	ug/Kg
106-44-5	4-Methylphenol	44	U	44	98.5	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	61	U	61	50.7	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	50.7	200	ug/Kg
98-95-3	Nitrobenzene	37	U	37	50.7	200	ug/Kg
78-59-1	Isophorone	57	U	57	50.7	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	50.7	200	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	50.7	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	50.7	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	50.7	200	ug/Kg
91-20-3	Naphthalene	65	J	30	50.7	200	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	50.7	390	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	50.7	200	ug/Kg
105-60-2	Caprolactam	86	U	86	98.5	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	50.7	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	50.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	50.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	98.5	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	50.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	50.7	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EA9			SDG No.:	BP110424
Lab Sample ID:	P4581-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022892.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	50.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	50.7	200	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	50.7	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	50.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	50.7	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	50.7	200	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	98.5	390	ug/Kg
83-32-9	Acenaphthene	110	J	35	50.7	200	ug/Kg
51-28-5	2,4-Dinitrophenol	57	U	57	98.5	390	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	98.5	390	ug/Kg
132-64-9	Dibenzofuran	83	J	38	50.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	51	50.7	200	ug/Kg
84-66-2	Diethylphthalate	36	U	36	50.7	200	ug/Kg
86-73-7	Fluorene	120	J	30	50.7	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.7	200	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	98.5	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	92	U	92	98.5	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	50.7	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	50.7	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	50.7	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	50.7	200	ug/Kg
1912-24-9	Atrazine	85	U	85	98.5	390	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	98.5	390	ug/Kg
85-01-8	Phenanthrene	1000		35	50.7	200	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	50.7	200	ug/Kg
120-12-7	Anthracene	160	J	30	50.7	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	60	U	60	50.7	200	ug/Kg
86-74-8	Carbazole	87	J	33	98.5	390	ug/Kg
84-74-2	Di-n-butylphthalate	73	U	73	50.7	200	ug/Kg
206-44-0	Fluoranthene	1100		64	98.5	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EA9			SDG No.:	BP110424
Lab Sample ID:	P4581-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022892.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	450		58	50.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	50.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	98.5	390	ug/Kg
56-55-3	Benzo(a)anthracene	380		32	50.7	200	ug/Kg
218-01-9	Chrysene	390		37	50.7	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	50.7	200	ug/Kg
117-84-0	Di-n-octyl phthalate	91	U	91	98.5	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	390		39	50.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	J	45	50.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	38	50.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	80	J	37	50.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56	J	33	50.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	50.7	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	50.7	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.779	*	15-120		10	SPK: -8
7291-22-7	Pyridine-d5	1.681	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	4.671		10-130		12	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	4.721		10-150		12	SPK: -40
93951-73-6	2-Chlorophenol-d4	5.083	*	15-120		13	SPK: -40
190780-66-6	4-Methylphenol-d8	4.013		10-140		10	SPK: -40
4165-60-0	Nitrobenzene-d5	4.986		10-135		12	SPK: -40
93951-78-1	2-Nitrophenol-d4	5.066		10-120		13	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	4.883		10-140		12	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.139		1-145		5	SPK: -40
85448-30-2	Dimethylphthalate-d6	5.413		10-145		14	SPK: -40
93951-97-4	Acenaphthylene-d8	5.294	*	15-120		13	SPK: -40
93951-79-2	4-Nitrophenol-d4	2.418	*	10-150		6	SPK: -40
81103-79-9	Fluorene-d10	5.823	*	20-140		15	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EA9			SDG No.:	BP110424
Lab Sample ID:	P4581-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022892.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0.742	*	10-130		2	SPK: -40
1719-06-8	Anthracene-d10	5.339		10-150		13	SPK: -40
1718-52-1	Pyrene-d10	3.986		10-130		10	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	2.435	*	10-140		6	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	99209	7.622				
1146-65-2	Naphthalene-d8	387112	10.369				
15067-26-2	Acenaphthene-d10	290829	14.24				
1517-22-2	Phenanthrene-d10	689095	17.051				
1719-03-5	Chrysene-d12	706103	21.492				
1520-96-3	Perylene-d12	856311	24.751				
TENTATIVE IDENTIFIED COMPOUNDS							
000832-69-9	Phenanthrene, 1-methyl-	170	J			17.969	
000779-02-2	Anthracene, 9-methyl-	160	J			18.016	
000084-65-1	9,10-Anthracenedione	120	J			18.534	
033543-31-6	Fluoranthene, 2-methyl-	80	J			20.098	
E966796	Total Alkanes	29	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4ED6			SDG No.:	BP110424
Lab Sample ID:	P4581-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	6.6
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
BP022893.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7	71	ug/Kg
100-52-7	Benzaldehyde	48	U	48	88	350	ug/Kg
110-86-1	Pyridine	35	U	35	180	350	ug/Kg
108-95-2	Phenol	46	U	46	88	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	88	350	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	45.4	180	ug/Kg
95-48-7	2-Methylphenol	42	U	42	88	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	64	U	64	88	350	ug/Kg
98-86-2	Acetophenone	43	U	43	88	350	ug/Kg
106-44-5	4-Methylphenol	39	U	39	88	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	54	U	54	45.4	180	ug/Kg
67-72-1	Hexachloroethane	19	U	19	45.4	180	ug/Kg
98-95-3	Nitrobenzene	33	U	33	45.4	180	ug/Kg
78-59-1	Isophorone	51	U	51	45.4	180	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	45.4	180	ug/Kg
105-67-9	2,4-Dimethylphenol	27	U	27	45.4	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	45.4	180	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	45.4	180	ug/Kg
91-20-3	Naphthalene	27	U	27	45.4	180	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	45.4	350	ug/Kg
87-68-3	Hexachlorobutadiene	47	U	47	45.4	180	ug/Kg
105-60-2	Caprolactam	77	U	77	88	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	45.4	180	ug/Kg
90-12-0	1-Methylnaphthalene	35	U	35	45.4	180	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	45.4	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	88	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	45.4	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	45.4	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4ED6			SDG No.:	BP110424
Lab Sample ID:	P4581-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	6.6
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
BP022893.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	45.4	180	ug/Kg
91-58-7	2-Chloronaphthalene	28	U	28	45.4	180	ug/Kg
88-74-4	2-Nitroaniline	44	U	44	45.4	180	ug/Kg
131-11-3	Dimethylphthalate	31	U	31	45.4	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	47	U	47	45.4	180	ug/Kg
208-96-8	Acenaphthylene	34	U	34	45.4	180	ug/Kg
99-09-2	3-Nitroaniline	47	U	47	88	350	ug/Kg
83-32-9	Acenaphthene	31	U	31	45.4	180	ug/Kg
51-28-5	2,4-Dinitrophenol	51	U	51	88	350	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	88	350	ug/Kg
132-64-9	Dibenzofuran	34	U	34	45.4	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	46	U	46	45.4	180	ug/Kg
84-66-2	Diethylphthalate	32	U	32	45.4	180	ug/Kg
86-73-7	Fluorene	27	U	27	45.4	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	45.4	180	ug/Kg
100-01-6	4-Nitroaniline	33	U	33	88	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	82	U	82	88	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	35	U	35	45.4	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	45.4	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	45.4	180	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	45.4	180	ug/Kg
1912-24-9	Atrazine	76	U	76	88	350	ug/Kg
87-86-5	Pentachlorophenol	79	U	79	88	350	ug/Kg
85-01-8	Phenanthrene	31	U	31	45.4	180	ug/Kg
608-93-5	Pentachlorobenzene	55	U	55	45.4	180	ug/Kg
120-12-7	Anthracene	27	U	27	45.4	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	53	U	53	45.4	180	ug/Kg
86-74-8	Carbazole	30	U	30	88	350	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	45.4	180	ug/Kg
206-44-0	Fluoranthene	58	U	58	88	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4ED6			SDG No.:	BP110424
Lab Sample ID:	P4581-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	6.6
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
BP022893.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	52	45.4	180	ug/Kg
85-68-7	Butylbenzylphthalate	90	U	90	45.4	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	51	U	51	88	350	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	45.4	180	ug/Kg
218-01-9	Chrysene	33	U	33	45.4	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	45.4	180	ug/Kg
117-84-0	Di-n-octyl phthalate	81	U	81	88	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	35	U	35	45.4	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	45.4	180	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	45.4	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	45.4	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	45.4	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	28	45.4	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	35	U	35	45.4	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.85		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	15.327		20-120		38	SPK: -40
4165-62-2	Phenol-d5	18.599		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.97		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.89		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	19.218		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	21.614		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.537		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.334		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.894		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.733		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	22.262		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.988		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	22.387		20-140		56	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/28/2024 12:00:00 AM
Project:				Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	A4ED6			SDG No.:	BP110424
Lab Sample ID:	P4581-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	6.6
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
BP022893.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.22		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	21.379		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	23.766		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.404		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	120584	7.622				
1146-65-2	Naphthalene-d8	460439	10.375				
15067-26-2	Acenaphthene-d10	353222	14.245				
1517-22-2	Phenanthrene-d10	831201	17.045				
1719-03-5	Chrysene-d12	821779	21.498				
1520-96-3	Perylene-d12	957369	24.751				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	280	J			15.622	
000057-10-3	n-Hexadecanoic acid	220	J			17.992	
E966796	Total Alkanes	26	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE2			SDG No.:	BP110424
Lab Sample ID:	P4568-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.6
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
BP022894.D	1	10/28/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8.1	82	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	74	J	53	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	52	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73	U	73	100	400	ug/Kg
98-86-2	Acetophenone	270	J	49	100	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	52	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	52	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	52	210	ug/Kg
78-59-1	Isophorone	59	U	59	52	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	52	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	52	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	52	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	52	210	ug/Kg
91-20-3	Naphthalene	31	U	31	52	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	52	400	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	52	210	ug/Kg
105-60-2	Caprolactam	88	U	88	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	52	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	52	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	52	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	52	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	52	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE2			SDG No.:	BP110424
Lab Sample ID:	P4568-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.6
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
BP022894.D	1	10/28/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	52	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	52	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	52	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	52	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	52	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	52	210	ug/Kg
99-09-2	3-Nitroaniline	54	U	54	100	400	ug/Kg
83-32-9	Acenaphthene	36	U	36	52	210	ug/Kg
51-28-5	2,4-Dinitrophenol	59	U	59	100	400	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	52	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	53	52	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	52	210	ug/Kg
86-73-7	Fluorene	31	U	31	52	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	52	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	94	U	94	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	52	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	52	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	52	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	52	210	ug/Kg
1912-24-9	Atrazine	87	U	87	100	400	ug/Kg
87-86-5	Pentachlorophenol	91	U	91	100	400	ug/Kg
85-01-8	Phenanthrene	36	U	36	52	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	52	210	ug/Kg
120-12-7	Anthracene	31	U	31	52	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	52	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	52	210	ug/Kg
206-44-0	Fluoranthene	66	U	66	100	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE2			SDG No.:	BP110424
Lab Sample ID:	P4568-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.6
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
BP022894.D	1	10/28/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60	U	60	52	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	52	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	52	210	ug/Kg
218-01-9	Chrysene	38	U	38	52	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	52	210	ug/Kg
117-84-0	Di-n-octyl phthalate	93	U	93	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	52	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	52	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	52	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	52	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	52	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	52	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.148	*	15-120		14	SPK: -8
7291-22-7	Pyridine-d5	1.949	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	8.84		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	8.627		10-150		22	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.831		15-120		25	SPK: -40
190780-66-6	4-Methylphenol-d8	8.561		10-140		21	SPK: -40
4165-60-0	Nitrobenzene-d5	9.285		10-135		23	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.339		10-120		23	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.181		10-140		23	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.203		1-145		13	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.383		10-145		23	SPK: -40
93951-97-4	Acenaphthylene-d8	9.506		15-120		24	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.054		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	10.093		20-140		25	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	A4EE2			SDG No.:	BP110424
Lab Sample ID:	P4568-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.6
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
BP022894.D	1	10/28/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.004	*	10-130		5	SPK: -40
1719-06-8	Anthracene-d10	9.598		10-150		24	SPK: -40
1718-52-1	Pyrene-d10	8.508		10-130		21	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.551		10-140		16	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69253	7.622				
1146-65-2	Naphthalene-d8	276369	10.375				
15067-26-2	Acenaphthene-d10	215049	14.251				
1517-22-2	Phenanthrene-d10	515915	17.057				
1719-03-5	Chrysene-d12	548563	21.492				
1520-96-3	Perylene-d12	661166	24.739				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	29	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB5			SDG No.:	BP110424
Lab Sample ID:	P4581-23			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.9
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
BP022895.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.9	80	ug/Kg
100-52-7	Benzaldehyde	54	U	54	98.9	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	52	J	52	98.9	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	98.9	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	51	200	ug/Kg
95-48-7	2-Methylphenol	47	U	47	98.9	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72	U	72	98.9	400	ug/Kg
98-86-2	Acetophenone	210	J	48	98.9	400	ug/Kg
106-44-5	4-Methylphenol	44	U	44	98.9	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	61	U	61	51	200	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51	200	ug/Kg
98-95-3	Nitrobenzene	37	U	37	51	200	ug/Kg
78-59-1	Isophorone	58	U	58	51	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	51	200	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	51	200	ug/Kg
91-20-3	Naphthalene	30	U	30	51	200	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51	400	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	51	200	ug/Kg
105-60-2	Caprolactam	86	U	86	98.9	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	59	51	200	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51	200	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	98.9	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	51	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	51	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB5			SDG No.:	BP110424
Lab Sample ID:	P4581-23			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.9
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
BP022895.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	51	200	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	51	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	51	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	51	200	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	98.9	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51	200	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	98.9	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	98.9	400	ug/Kg
132-64-9	Dibenzofuran	38	U	38	51	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51	200	ug/Kg
84-66-2	Diethylphthalate	36	U	36	51	200	ug/Kg
86-73-7	Fluorene	30	U	30	51	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51	200	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	98.9	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	92	U	92	98.9	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	51	200	ug/Kg
1912-24-9	Atrazine	85	U	85	98.9	400	ug/Kg
87-86-5	Pentachlorophenol	89	U	89	98.9	400	ug/Kg
85-01-8	Phenanthrene	130	J	35	51	200	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	51	200	ug/Kg
120-12-7	Anthracene	30	U	30	51	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	60	U	60	51	200	ug/Kg
86-74-8	Carbazole	34	U	34	98.9	400	ug/Kg
84-74-2	Di-n-butylphthalate	73	U	73	51	200	ug/Kg
206-44-0	Fluoranthene	230		65	98.9	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB5			SDG No.:	BP110424
Lab Sample ID:	P4581-23			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.9
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
BP022895.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	110	J	59	51	200	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	98.9	400	ug/Kg
56-55-3	Benzo(a)anthracene	81	J	32	51	200	ug/Kg
218-01-9	Chrysene	91	J	37	51	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51	200	ug/Kg
117-84-0	Di-n-octyl phthalate	91	U	91	98.9	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	J	40	51	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51	200	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	51	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	51	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	51	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.314		15-120		16	SPK: -8
7291-22-7	Pyridine-d5	1.349	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	7.609		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	8.03		10-150		20	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.009		15-120		23	SPK: -40
190780-66-6	4-Methylphenol-d8	5.741		10-140		14	SPK: -40
4165-60-0	Nitrobenzene-d5	8.721		10-135		22	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.23		10-120		23	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.557		10-140		21	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.307		1-145		11	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.207		10-145		23	SPK: -40
93951-97-4	Acenaphthylene-d8	9.004		15-120		23	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.956		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	9.831		20-140		25	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EB5			SDG No.:	BP110424
Lab Sample ID:	P4581-23			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.9
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
BP022895.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.39	*	10-130		6	SPK: -40
1719-06-8	Anthracene-d10	8.851		10-150		22	SPK: -40
1718-52-1	Pyrene-d10	7.076		10-130		18	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	4.288		10-140		11	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98565	7.622				
1146-65-2	Naphthalene-d8	373522	10.375				
15067-26-2	Acenaphthene-d10	287110	14.239				
1517-22-2	Phenanthrene-d10	708030	17.051				
1719-03-5	Chrysene-d12	769284	21.498				
1520-96-3	Perylene-d12	907400	24.744				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	170	J			17.98	
E966796	Total Alkanes	29	U			99	ug/Kg

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Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EA9			SDG No.:	BP110424
Lab Sample ID:	P4581-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022896.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.9	80	ug/Kg
100-52-7	Benzaldehyde	54	U	54	98.5	390	ug/Kg
110-86-1	Pyridine	39	U	39	200	390	ug/Kg
108-95-2	Phenol	67	J	51	98.5	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	98.5	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	50.7	200	ug/Kg
95-48-7	2-Methylphenol	47	U	47	98.5	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72	U	72	98.5	390	ug/Kg
98-86-2	Acetophenone	290	J	48	98.5	390	ug/Kg
106-44-5	4-Methylphenol	44	U	44	98.5	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	61	U	61	50.7	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	50.7	200	ug/Kg
98-95-3	Nitrobenzene	37	U	37	50.7	200	ug/Kg
78-59-1	Isophorone	57	U	57	50.7	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	50.7	200	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	50.7	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	50.7	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	50.7	200	ug/Kg
91-20-3	Naphthalene	73	J	30	50.7	200	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	50.7	390	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	50.7	200	ug/Kg
105-60-2	Caprolactam	86	U	86	98.5	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	50.7	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	50.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	50.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	98.5	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	50.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	50.7	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EA9			SDG No.:	BP110424
Lab Sample ID:	P4581-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022896.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	50.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	50.7	200	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	50.7	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	50.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	50.7	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	50.7	200	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	98.5	390	ug/Kg
83-32-9	Acenaphthene	120	J	35	50.7	200	ug/Kg
51-28-5	2,4-Dinitrophenol	57	U	57	98.5	390	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	98.5	390	ug/Kg
132-64-9	Dibenzofuran	93	J	38	50.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	51	50.7	200	ug/Kg
84-66-2	Diethylphthalate	36	U	36	50.7	200	ug/Kg
86-73-7	Fluorene	130	J	30	50.7	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.7	200	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	98.5	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	92	U	92	98.5	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	50.7	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	50.7	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	50.7	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	50.7	200	ug/Kg
1912-24-9	Atrazine	85	U	85	98.5	390	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	98.5	390	ug/Kg
85-01-8	Phenanthrene	1100		35	50.7	200	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	50.7	200	ug/Kg
120-12-7	Anthracene	170	J	30	50.7	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	60	U	60	50.7	200	ug/Kg
86-74-8	Carbazole	94	J	33	98.5	390	ug/Kg
84-74-2	Di-n-butylphthalate	73	U	73	50.7	200	ug/Kg
206-44-0	Fluoranthene	1200		64	98.5	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EA9			SDG No.:	BP110424
Lab Sample ID:	P4581-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022896.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	490		58	50.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	50.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	98.5	390	ug/Kg
56-55-3	Benzo(a)anthracene	400		32	50.7	200	ug/Kg
218-01-9	Chrysene	400		37	50.7	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	50.7	200	ug/Kg
117-84-0	Di-n-octyl phthalate	91	U	91	98.5	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	450		39	50.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	J	45	50.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	38	50.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	91	J	37	50.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	J	33	50.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	50.7	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	50.7	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.783	*	15-120		10	SPK: -8
7291-22-7	Pyridine-d5	1.842	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	7.119		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.396		10-150		18	SPK: -40
93951-73-6	2-Chlorophenol-d4	8.333		15-120		21	SPK: -40
190780-66-6	4-Methylphenol-d8	7.231		10-140		18	SPK: -40
4165-60-0	Nitrobenzene-d5	8.151		10-135		20	SPK: -40
93951-78-1	2-Nitrophenol-d4	8.229		10-120		21	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.35		10-140		21	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.77		1-145		12	SPK: -40
85448-30-2	Dimethylphthalate-d6	8.585		10-145		21	SPK: -40
93951-97-4	Acenaphthylene-d8	8.607		15-120		22	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.291		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	8.89		20-140		22	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	A4EA9			SDG No.:	BP110424
Lab Sample ID:	P4581-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022896.D	1	10/31/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	1.814	*	10-130		5	SPK: -40
1719-06-8	Anthracene-d10	8.795		10-150		22	SPK: -40
1718-52-1	Pyrene-d10	7.225		10-130		18	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.452		10-140		14	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83952	7.616				
1146-65-2	Naphthalene-d8	318443	10.375				
15067-26-2	Acenaphthene-d10	246960	14.251				
1517-22-2	Phenanthrene-d10	589233	17.057				
1719-03-5	Chrysene-d12	602319	21.486				
1520-96-3	Perylene-d12	702437	24.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	82	J			15.639	
000832-69-9	Phenanthrene, 1-methyl-	110	J			17.957	
004505-48-0	1H-Indene, 2-phenyl-	230	J			18.01	
000084-65-1	9,10-Anthracenedione	120	J			18.539	
000238-84-6	11H-Benzo[a]fluorene	86	J			20.086	
000225-51-4	Benz[c]acridine	86	J			21.169	
E966796	Total Alkanes	29	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	SBLK642			SDG No.:	BP110424
Lab Sample ID:	PB164642BL			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
BP022898.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	330	ug/Kg
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
108-95-2	Phenol	43	U	43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	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)	60	U	60	82.5	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	31	U	31	42.5	170	ug/Kg
78-59-1	Isophorone	48	U	48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	16	U	16	42.5	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.5	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	23	U	23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	42.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	SBLK642			SDG No.:	BP110424
Lab Sample ID:	PB164642BL			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
BP022898.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	32	U	32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.5	330	ug/Kg
83-32-9	Acenaphthene	29	U	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.5	170	ug/Kg
86-73-7	Fluorene	25	U	25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.5	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	74	U	74	82.5	330	ug/Kg
85-01-8	Phenanthrene	29	U	29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.5	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.5	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	42.5	170	ug/Kg
206-44-0	Fluoranthene	54	U	54	82.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	SBLK642			SDG No.:	BP110424
Lab Sample ID:	PB164642BL			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
BP022898.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.742		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	19.654		20-120		49	SPK: -40
4165-62-2	Phenol-d5	22.796		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.054		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.43		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	23.712		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	24.504		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.648		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.246		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.815		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.251		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	24.773		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.667		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	24.752		20-140		62	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	SBLK642			SDG No.:	BP110424
Lab Sample ID:	PB164642BL			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
BP022898.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.393		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	26.169		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	28.032		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.61		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	86717	7.616				
1146-65-2	Naphthalene-d8	333898	10.375				
15067-26-2	Acenaphthene-d10	264088	14.251				
1517-22-2	Phenanthrene-d10	625670	17.057				
1719-03-5	Chrysene-d12	641804	21.48				
1520-96-3	Perylene-d12	735235	24.733				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	SLCS642			SDG No.:	BP110424
Lab Sample ID:	PB164642BS			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
BP022899.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	280		11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	130	J	45	82.5	330	ug/Kg
110-86-1	Pyridine	790		33	170	330	ug/Kg
108-95-2	Phenol	880		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	810		40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	930		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	890		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	790		60	82.5	330	ug/Kg
98-86-2	Acetophenone	850		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	880		37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	850		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	840		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	870		31	42.5	170	ug/Kg
78-59-1	Isophorone	810		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	930		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	890		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	800		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	960		16	42.5	170	ug/Kg
91-20-3	Naphthalene	900		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	560		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	910		44	42.5	170	ug/Kg
105-60-2	Caprolactam	820		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	940		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	890		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	920		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	320	J	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	910		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	950		39	42.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	SLCS642			SDG No.:	BP110424
Lab Sample ID:	PB164642BS			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
BP022899.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	880		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	890		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	890		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	830		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	920		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	870		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	880		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	880		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	500		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	810		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	910		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	950		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	860		30	42.5	170	ug/Kg
86-73-7	Fluorene	900		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	920		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1000		31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	630		77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	890		33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	900		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	940		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	970		32	42.5	170	ug/Kg
1912-24-9	Atrazine	900		71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	910		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	910		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	890		52	42.5	170	ug/Kg
120-12-7	Anthracene	920		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	880		50	42.5	170	ug/Kg
86-74-8	Carbazole	900		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	880		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	960		54	82.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	SLCS642			SDG No.:	BP110424
Lab Sample ID:	PB164642BS			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
BP022899.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	930		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	920		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	900		48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	910		27	42.5	170	ug/Kg
218-01-9	Chrysene	910		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	900		96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	880		76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	940		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	910		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	900		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	900		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	890		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	880		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	950		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.245		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	23.259		20-120		58	SPK: -40
4165-62-2	Phenol-d5	26.314		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.864		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.951		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	27.112		10-140		68	SPK: -40
4165-60-0	Nitrobenzene-d5	26.982		10-135		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.732		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.84		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.282		1-145		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.291		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	26.22		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.142		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	26.588		20-140		66	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	SLCS642			SDG No.:	BP110424
Lab Sample ID:	PB164642BS			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
BP022899.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.841		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	27.324		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	27.872		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.694		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66290	7.622				
1146-65-2	Naphthalene-d8	258765	10.381				
15067-26-2	Acenaphthene-d10	211554	14.245				
1517-22-2	Phenanthrene-d10	528074	17.051				
1719-03-5	Chrysene-d12	572608	21.492				
1520-96-3	Perylene-d12	661846	24.751				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6M7			SDG No.:	BP110424
Lab Sample ID:	P4622-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	4.7
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
BP022900.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	6.9	70	ug/Kg
100-52-7	Benzaldehyde	47	U	47	86.6	350	ug/Kg
110-86-1	Pyridine	35	U	35	170	350	ug/Kg
108-95-2	Phenol	45	U	45	86.6	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	86.6	350	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	44.6	180	ug/Kg
95-48-7	2-Methylphenol	41	U	41	86.6	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63	U	63	86.6	350	ug/Kg
98-86-2	Acetophenone	42	U	42	86.6	350	ug/Kg
106-44-5	4-Methylphenol	39	U	39	86.6	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	54	U	54	44.6	180	ug/Kg
67-72-1	Hexachloroethane	19	U	19	44.6	180	ug/Kg
98-95-3	Nitrobenzene	33	U	33	44.6	180	ug/Kg
78-59-1	Isophorone	50	U	50	44.6	180	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	44.6	180	ug/Kg
105-67-9	2,4-Dimethylphenol	26	U	26	44.6	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	44.6	180	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	44.6	180	ug/Kg
91-20-3	Naphthalene	26	U	26	44.6	180	ug/Kg
106-47-8	4-Chloroaniline	25	U	25	44.6	350	ug/Kg
87-68-3	Hexachlorobutadiene	46	U	46	44.6	180	ug/Kg
105-60-2	Caprolactam	76	U	76	86.6	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	44.6	180	ug/Kg
90-12-0	1-Methylnaphthalene	35	U	35	44.6	180	ug/Kg
91-57-6	2-Methylnaphthalene	24	U	24	44.6	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	86.6	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	44.6	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	44.6	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6M7			SDG No.:	BP110424
Lab Sample ID:	P4622-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	4.7
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
BP022900.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	25	U	25	44.6	180	ug/Kg
91-58-7	2-Chloronaphthalene	27	U	27	44.6	180	ug/Kg
88-74-4	2-Nitroaniline	43	U	43	44.6	180	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	44.6	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	46	U	46	44.6	180	ug/Kg
208-96-8	Acenaphthylene	34	U	34	44.6	180	ug/Kg
99-09-2	3-Nitroaniline	46	U	46	86.6	350	ug/Kg
83-32-9	Acenaphthene	30	U	30	44.6	180	ug/Kg
51-28-5	2,4-Dinitrophenol	50	U	50	86.6	350	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	86.6	350	ug/Kg
132-64-9	Dibenzofuran	34	U	34	44.6	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	44.6	180	ug/Kg
84-66-2	Diethylphthalate	31	U	31	44.6	180	ug/Kg
86-73-7	Fluorene	26	U	26	44.6	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	44.6	180	ug/Kg
100-01-6	4-Nitroaniline	33	U	33	86.6	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81	U	81	86.6	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	35	U	35	44.6	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25	U	25	44.6	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	44.6	180	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	44.6	180	ug/Kg
1912-24-9	Atrazine	75	U	75	86.6	350	ug/Kg
87-86-5	Pentachlorophenol	78	U	78	86.6	350	ug/Kg
85-01-8	Phenanthrene	30	U	30	44.6	180	ug/Kg
608-93-5	Pentachlorobenzene	55	U	55	44.6	180	ug/Kg
120-12-7	Anthracene	26	U	26	44.6	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	52	U	52	44.6	180	ug/Kg
86-74-8	Carbazole	29	U	29	86.6	350	ug/Kg
84-74-2	Di-n-butylphthalate	64	U	64	44.6	180	ug/Kg
206-44-0	Fluoranthene	57	U	57	86.6	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6M7			SDG No.:	BP110424
Lab Sample ID:	P4622-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	4.7
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
BP022900.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	51	U	51	44.6	180	ug/Kg
85-68-7	Butylbenzylphthalate	88	U	88	44.6	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	50	U	50	86.6	350	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	44.6	180	ug/Kg
218-01-9	Chrysene	33	U	33	44.6	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	44.6	180	ug/Kg
117-84-0	Di-n-octyl phthalate	80	U	80	86.6	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	35	U	35	44.6	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	40	U	40	44.6	180	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	44.6	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	44.6	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	44.6	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27	U	27	44.6	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	35	U	35	44.6	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.842		15-120		23	SPK: -8
7291-22-7	Pyridine-d5	1.085	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	13.339		10-130		33	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.055		10-150		33	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.208		15-120		36	SPK: -40
190780-66-6	4-Methylphenol-d8	14.513		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	14.896		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.401		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.427		10-140		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.798		1-145		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.38		10-145		38	SPK: -40
93951-97-4	Acenaphthylene-d8	16.957		15-120		42	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.839		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	17.718		20-140		44	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6M7			SDG No.:	BP110424
Lab Sample ID:	P4622-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	4.7
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
BP022900.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.689		10-130		12	SPK: -40
1719-06-8	Anthracene-d10	17.274		10-150		43	SPK: -40
1718-52-1	Pyrene-d10	19.389		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.158		10-140		45	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69493	7.622				
1146-65-2	Naphthalene-d8	262352	10.375				
15067-26-2	Acenaphthene-d10	202918	14.24				
1517-22-2	Phenanthrene-d10	475141	17.033				
1719-03-5	Chrysene-d12	478950	21.492				
1520-96-3	Perylene-d12	565559	24.745				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	160	J			15.622	
000112-84-5	13-Docosenamide, (Z)-	270	J			23.015	
E966796	Total Alkanes	25	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6M8			SDG No.:	BP110424
Lab Sample ID:	P4622-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	4.4
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022901.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.9	70	ug/Kg
100-52-7	Benzaldehyde	47	U	47	86	340	ug/Kg
110-86-1	Pyridine	34	U	34	170	340	ug/Kg
108-95-2	Phenol	45	U	45	86	340	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	86	340	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	44.3	180	ug/Kg
95-48-7	2-Methylphenol	41	U	41	86	340	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63	U	63	86	340	ug/Kg
98-86-2	Acetophenone	42	U	42	86	340	ug/Kg
106-44-5	4-Methylphenol	39	U	39	86	340	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	53	U	53	44.3	180	ug/Kg
67-72-1	Hexachloroethane	19	U	19	44.3	180	ug/Kg
98-95-3	Nitrobenzene	32	U	32	44.3	180	ug/Kg
78-59-1	Isophorone	50	U	50	44.3	180	ug/Kg
88-75-5	2-Nitrophenol	32	U	32	44.3	180	ug/Kg
105-67-9	2,4-Dimethylphenol	26	U	26	44.3	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	44.3	180	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	44.3	180	ug/Kg
91-20-3	Naphthalene	26	U	26	44.3	180	ug/Kg
106-47-8	4-Chloroaniline	25	U	25	44.3	340	ug/Kg
87-68-3	Hexachlorobutadiene	46	U	46	44.3	180	ug/Kg
105-60-2	Caprolactam	75	U	75	86	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	44.3	180	ug/Kg
90-12-0	1-Methylnaphthalene	34	U	34	44.3	180	ug/Kg
91-57-6	2-Methylnaphthalene	24	U	24	44.3	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99	U	99	86	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	44.3	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	44.3	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6M8			SDG No.:	BP110424
Lab Sample ID:	P4622-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	4.4
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022901.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	25	U	25	44.3	180	ug/Kg
91-58-7	2-Chloronaphthalene	27	U	27	44.3	180	ug/Kg
88-74-4	2-Nitroaniline	43	U	43	44.3	180	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	44.3	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	46	U	46	44.3	180	ug/Kg
208-96-8	Acenaphthylene	33	U	33	44.3	180	ug/Kg
99-09-2	3-Nitroaniline	46	U	46	86	340	ug/Kg
83-32-9	Acenaphthene	30	U	30	44.3	180	ug/Kg
51-28-5	2,4-Dinitrophenol	50	U	50	86	340	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	86	340	ug/Kg
132-64-9	Dibenzofuran	33	U	33	44.3	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	44.3	180	ug/Kg
84-66-2	Diethylphthalate	31	U	31	44.3	180	ug/Kg
86-73-7	Fluorene	26	U	26	44.3	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	44.3	180	ug/Kg
100-01-6	4-Nitroaniline	32	U	32	86	340	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	80	U	80	86	340	ug/Kg
86-30-6	N-Nitrosodiphenylamine	34	U	34	44.3	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25	U	25	44.3	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	44.3	180	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	44.3	180	ug/Kg
1912-24-9	Atrazine	74	U	74	86	340	ug/Kg
87-86-5	Pentachlorophenol	77	U	77	86	340	ug/Kg
85-01-8	Phenanthrene	30	U	30	44.3	180	ug/Kg
608-93-5	Pentachlorobenzene	54	U	54	44.3	180	ug/Kg
120-12-7	Anthracene	26	U	26	44.3	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	52	U	52	44.3	180	ug/Kg
86-74-8	Carbazole	29	U	29	86	340	ug/Kg
84-74-2	Di-n-butylphthalate	64	U	64	44.3	180	ug/Kg
206-44-0	Fluoranthene	56	U	56	86	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6M8			SDG No.:	BP110424
Lab Sample ID:	P4622-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	4.4
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022901.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	51	U	51	44.3	180	ug/Kg
85-68-7	Butylbenzylphthalate	88	U	88	44.3	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	50	U	50	86	340	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	44.3	180	ug/Kg
218-01-9	Chrysene	32	U	32	44.3	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	44.3	180	ug/Kg
117-84-0	Di-n-octyl phthalate	79	U	79	86	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	34	U	34	44.3	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	40	U	40	44.3	180	ug/Kg
50-32-8	Benzo(a)pyrene	33	U	33	44.3	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	44.3	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	44.3	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27	U	27	44.3	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	34	U	34	44.3	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.29		15-120		29	SPK: -8
7291-22-7	Pyridine-d5	8.842		20-120		22	SPK: -40
4165-62-2	Phenol-d5	15.538		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.69		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.485		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	16.63		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	16.468		10-135		41	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.117		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.253		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.342		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.352		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	18.018		15-120		45	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.757		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	18.909		20-140		47	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6M8			SDG No.:	BP110424
Lab Sample ID:	P4622-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	4.4
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022901.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.734		10-130		14	SPK: -40
1719-06-8	Anthracene-d10	18.692		10-150		47	SPK: -40
1718-52-1	Pyrene-d10	19.699		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.607		10-140		49	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77129	7.622				
1146-65-2	Naphthalene-d8	295931	10.375				
15067-26-2	Acenaphthene-d10	232448	14.24				
1517-22-2	Phenanthrene-d10	560247	17.045				
1719-03-5	Chrysene-d12	605569	21.498				
1520-96-3	Perylene-d12	721359	24.751				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	190	J			15.622	
000057-10-3	n-Hexadecanoic acid	86	J			17.981	
E966796	Total Alkanes	25	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6M9			SDG No.:	BP110424
Lab Sample ID:	P4622-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	5.1
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
BP022902.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7	70	ug/Kg
100-52-7	Benzaldehyde	47	U	47	86.9	350	ug/Kg
110-86-1	Pyridine	35	U	35	170	350	ug/Kg
108-95-2	Phenol	45	U	45	86.9	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	86.9	350	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	44.8	180	ug/Kg
95-48-7	2-Methylphenol	41	U	41	86.9	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63	U	63	86.9	350	ug/Kg
98-86-2	Acetophenone	42	U	42	86.9	350	ug/Kg
106-44-5	4-Methylphenol	39	U	39	86.9	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	54	U	54	44.8	180	ug/Kg
67-72-1	Hexachloroethane	19	U	19	44.8	180	ug/Kg
98-95-3	Nitrobenzene	33	U	33	44.8	180	ug/Kg
78-59-1	Isophorone	51	U	51	44.8	180	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	44.8	180	ug/Kg
105-67-9	2,4-Dimethylphenol	26	U	26	44.8	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	44.8	180	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	44.8	180	ug/Kg
91-20-3	Naphthalene	26	U	26	44.8	180	ug/Kg
106-47-8	4-Chloroaniline	25	U	25	44.8	350	ug/Kg
87-68-3	Hexachlorobutadiene	46	U	46	44.8	180	ug/Kg
105-60-2	Caprolactam	76	U	76	86.9	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	44.8	180	ug/Kg
90-12-0	1-Methylnaphthalene	35	U	35	44.8	180	ug/Kg
91-57-6	2-Methylnaphthalene	24	U	24	44.8	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	86.9	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	44.8	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	44.8	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6M9			SDG No.:	BP110424
Lab Sample ID:	P4622-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	5.1
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
BP022902.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	25	U	25	44.8	180	ug/Kg
91-58-7	2-Chloronaphthalene	27	U	27	44.8	180	ug/Kg
88-74-4	2-Nitroaniline	43	U	43	44.8	180	ug/Kg
131-11-3	Dimethylphthalate	31	U	31	44.8	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	46	U	46	44.8	180	ug/Kg
208-96-8	Acenaphthylene	34	U	34	44.8	180	ug/Kg
99-09-2	3-Nitroaniline	46	U	46	86.9	350	ug/Kg
83-32-9	Acenaphthene	31	U	31	44.8	180	ug/Kg
51-28-5	2,4-Dinitrophenol	51	U	51	86.9	350	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	86.9	350	ug/Kg
132-64-9	Dibenzofuran	34	U	34	44.8	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	44.8	180	ug/Kg
84-66-2	Diethylphthalate	32	U	32	44.8	180	ug/Kg
86-73-7	Fluorene	26	U	26	44.8	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	44.8	180	ug/Kg
100-01-6	4-Nitroaniline	33	U	33	86.9	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81	U	81	86.9	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	35	U	35	44.8	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25	U	25	44.8	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	44.8	180	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	44.8	180	ug/Kg
1912-24-9	Atrazine	75	U	75	86.9	350	ug/Kg
87-86-5	Pentachlorophenol	78	U	78	86.9	350	ug/Kg
85-01-8	Phenanthrene	31	U	31	44.8	180	ug/Kg
608-93-5	Pentachlorobenzene	55	U	55	44.8	180	ug/Kg
120-12-7	Anthracene	26	U	26	44.8	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	53	U	53	44.8	180	ug/Kg
86-74-8	Carbazole	30	U	30	86.9	350	ug/Kg
84-74-2	Di-n-butylphthalate	64	U	64	44.8	180	ug/Kg
206-44-0	Fluoranthene	57	U	57	86.9	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6M9			SDG No.:	BP110424
Lab Sample ID:	P4622-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	5.1
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
BP022902.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	52	44.8	180	ug/Kg
85-68-7	Butylbenzylphthalate	89	U	89	44.8	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	51	U	51	86.9	350	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	44.8	180	ug/Kg
218-01-9	Chrysene	33	U	33	44.8	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	44.8	180	ug/Kg
117-84-0	Di-n-octyl phthalate	80	U	80	86.9	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	35	U	35	44.8	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	40	U	40	44.8	180	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	44.8	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	44.8	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	44.8	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27	U	27	44.8	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	35	U	35	44.8	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.899		15-120		24	SPK: -8
7291-22-7	Pyridine-d5	8.855		20-120		22	SPK: -40
4165-62-2	Phenol-d5	12.982		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.049		10-150		30	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.728		15-120		34	SPK: -40
190780-66-6	4-Methylphenol-d8	13.365		10-140		33	SPK: -40
4165-60-0	Nitrobenzene-d5	13.767		10-135		34	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.827		10-120		37	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.613		10-140		37	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.629		1-145		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.924		10-145		40	SPK: -40
93951-97-4	Acenaphthylene-d8	15.945		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.561		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	16.535		20-140		41	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6M9			SDG No.:	BP110424
Lab Sample ID:	P4622-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	5.1
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
BP022902.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.719		10-130		14	SPK: -40
1719-06-8	Anthracene-d10	16.288		10-150		41	SPK: -40
1718-52-1	Pyrene-d10	17.729		10-130		44	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.001		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83373	7.622				
1146-65-2	Naphthalene-d8	325596	10.375				
15067-26-2	Acenaphthene-d10	250161	14.24				
1517-22-2	Phenanthrene-d10	592200	17.045				
1719-03-5	Chrysene-d12	626130	21.492				
1520-96-3	Perylene-d12	750814	24.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	190	J			15.628	
000057-10-3	n-Hexadecanoic acid	91	J			17.981	
E966796	Total Alkanes	25	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N0			SDG No.:	BP110424
Lab Sample ID:	P4622-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	4
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022903.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.9	69	ug/Kg
100-52-7	Benzaldehyde	47	U	47	85.7	340	ug/Kg
110-86-1	Pyridine	34	U	34	170	340	ug/Kg
108-95-2	Phenol	45	U	45	85.7	340	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	85.7	340	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	44.1	180	ug/Kg
95-48-7	2-Methylphenol	40	U	40	85.7	340	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62	U	62	85.7	340	ug/Kg
98-86-2	Acetophenone	42	U	42	85.7	340	ug/Kg
106-44-5	4-Methylphenol	38	U	38	85.7	340	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	53	U	53	44.1	180	ug/Kg
67-72-1	Hexachloroethane	19	U	19	44.1	180	ug/Kg
98-95-3	Nitrobenzene	32	U	32	44.1	180	ug/Kg
78-59-1	Isophorone	50	U	50	44.1	180	ug/Kg
88-75-5	2-Nitrophenol	32	U	32	44.1	180	ug/Kg
105-67-9	2,4-Dimethylphenol	26	U	26	44.1	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	44.1	180	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	44.1	180	ug/Kg
91-20-3	Naphthalene	26	U	26	44.1	180	ug/Kg
106-47-8	4-Chloroaniline	25	U	25	44.1	340	ug/Kg
87-68-3	Hexachlorobutadiene	46	U	46	44.1	180	ug/Kg
105-60-2	Caprolactam	75	U	75	85.7	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	44.1	180	ug/Kg
90-12-0	1-Methylnaphthalene	34	U	34	44.1	180	ug/Kg
91-57-6	2-Methylnaphthalene	24	U	24	44.1	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99	U	99	85.7	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	44.1	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	44.1	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N0			SDG No.:	BP110424
Lab Sample ID:	P4622-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	4
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022903.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	25	U	25	44.1	180	ug/Kg
91-58-7	2-Chloronaphthalene	27	U	27	44.1	180	ug/Kg
88-74-4	2-Nitroaniline	43	U	43	44.1	180	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	44.1	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	46	U	46	44.1	180	ug/Kg
208-96-8	Acenaphthylene	33	U	33	44.1	180	ug/Kg
99-09-2	3-Nitroaniline	46	U	46	85.7	340	ug/Kg
83-32-9	Acenaphthene	30	U	30	44.1	180	ug/Kg
51-28-5	2,4-Dinitrophenol	50	U	50	85.7	340	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	85.7	340	ug/Kg
132-64-9	Dibenzofuran	33	U	33	44.1	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	44.1	180	ug/Kg
84-66-2	Diethylphthalate	31	U	31	44.1	180	ug/Kg
86-73-7	Fluorene	26	U	26	44.1	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	44.1	180	ug/Kg
100-01-6	4-Nitroaniline	32	U	32	85.7	340	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	80	U	80	85.7	340	ug/Kg
86-30-6	N-Nitrosodiphenylamine	34	U	34	44.1	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25	U	25	44.1	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	44.1	180	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	44.1	180	ug/Kg
1912-24-9	Atrazine	74	U	74	85.7	340	ug/Kg
87-86-5	Pentachlorophenol	77	U	77	85.7	340	ug/Kg
85-01-8	Phenanthrene	30	U	30	44.1	180	ug/Kg
608-93-5	Pentachlorobenzene	54	U	54	44.1	180	ug/Kg
120-12-7	Anthracene	26	U	26	44.1	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	52	U	52	44.1	180	ug/Kg
86-74-8	Carbazole	29	U	29	85.7	340	ug/Kg
84-74-2	Di-n-butylphthalate	63	U	63	44.1	180	ug/Kg
206-44-0	Fluoranthene	56	U	56	85.7	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N0			SDG No.:	BP110424
Lab Sample ID:	P4622-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	4
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022903.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	51	U	51	44.1	180	ug/Kg
85-68-7	Butylbenzylphthalate	87	U	87	44.1	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	50	U	50	85.7	340	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	44.1	180	ug/Kg
218-01-9	Chrysene	32	U	32	44.1	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	44.1	180	ug/Kg
117-84-0	Di-n-octyl phthalate	79	U	79	85.7	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	34	U	34	44.1	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	39	U	39	44.1	180	ug/Kg
50-32-8	Benzo(a)pyrene	33	U	33	44.1	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	44.1	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	44.1	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27	U	27	44.1	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	34	U	34	44.1	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.048		15-120		26	SPK: -8
7291-22-7	Pyridine-d5	2.58	*	20-120		6	SPK: -40
4165-62-2	Phenol-d5	15.105		10-130		38	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.225		10-150		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.754		15-120		39	SPK: -40
190780-66-6	4-Methylphenol-d8	16.228		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	17.243		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.056		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.654		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.577		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.629		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	18.891		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.165		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	20.108		20-140		50	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N0			SDG No.:	BP110424
Lab Sample ID:	P4622-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	4
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022903.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.654		10-130		14	SPK: -40
1719-06-8	Anthracene-d10	19.044		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	21.075		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.805		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89263	7.616				
1146-65-2	Naphthalene-d8	338076	10.375				
15067-26-2	Acenaphthene-d10	262741	14.251				
1517-22-2	Phenanthrene-d10	637968	17.051				
1719-03-5	Chrysene-d12	682476	21.486				
1520-96-3	Perylene-d12	809633	24.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	160	J			15.628	
	(DEL) Alkane: Straight-Chain21.180	81	J			21.18	
E966796	Total Alkanes	81				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N1			SDG No.:	BP110424
Lab Sample ID:	P4622-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	5.1
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
BP022904.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7	70	ug/Kg
100-52-7	Benzaldehyde	47	U	47	86.9	350	ug/Kg
110-86-1	Pyridine	35	U	35	170	350	ug/Kg
108-95-2	Phenol	45	U	45	86.9	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	86.9	350	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	44.8	180	ug/Kg
95-48-7	2-Methylphenol	41	U	41	86.9	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63	U	63	86.9	350	ug/Kg
98-86-2	Acetophenone	42	U	42	86.9	350	ug/Kg
106-44-5	4-Methylphenol	39	U	39	86.9	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	54	U	54	44.8	180	ug/Kg
67-72-1	Hexachloroethane	19	U	19	44.8	180	ug/Kg
98-95-3	Nitrobenzene	33	U	33	44.8	180	ug/Kg
78-59-1	Isophorone	51	U	51	44.8	180	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	44.8	180	ug/Kg
105-67-9	2,4-Dimethylphenol	26	U	26	44.8	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	44.8	180	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	44.8	180	ug/Kg
91-20-3	Naphthalene	26	U	26	44.8	180	ug/Kg
106-47-8	4-Chloroaniline	25	U	25	44.8	350	ug/Kg
87-68-3	Hexachlorobutadiene	46	U	46	44.8	180	ug/Kg
105-60-2	Caprolactam	76	U	76	86.9	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	44.8	180	ug/Kg
90-12-0	1-Methylnaphthalene	35	U	35	44.8	180	ug/Kg
91-57-6	2-Methylnaphthalene	24	U	24	44.8	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	86.9	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	44.8	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	44.8	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N1			SDG No.:	BP110424
Lab Sample ID:	P4622-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	5.1
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
BP022904.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	25	U	25	44.8	180	ug/Kg
91-58-7	2-Chloronaphthalene	27	U	27	44.8	180	ug/Kg
88-74-4	2-Nitroaniline	43	U	43	44.8	180	ug/Kg
131-11-3	Dimethylphthalate	31	U	31	44.8	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	46	U	46	44.8	180	ug/Kg
208-96-8	Acenaphthylene	34	U	34	44.8	180	ug/Kg
99-09-2	3-Nitroaniline	46	U	46	86.9	350	ug/Kg
83-32-9	Acenaphthene	31	U	31	44.8	180	ug/Kg
51-28-5	2,4-Dinitrophenol	51	U	51	86.9	350	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	86.9	350	ug/Kg
132-64-9	Dibenzofuran	34	U	34	44.8	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	44.8	180	ug/Kg
84-66-2	Diethylphthalate	32	U	32	44.8	180	ug/Kg
86-73-7	Fluorene	26	U	26	44.8	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	44.8	180	ug/Kg
100-01-6	4-Nitroaniline	33	U	33	86.9	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81	U	81	86.9	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	35	U	35	44.8	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25	U	25	44.8	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	44.8	180	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	44.8	180	ug/Kg
1912-24-9	Atrazine	75	U	75	86.9	350	ug/Kg
87-86-5	Pentachlorophenol	78	U	78	86.9	350	ug/Kg
85-01-8	Phenanthrene	31	U	31	44.8	180	ug/Kg
608-93-5	Pentachlorobenzene	55	U	55	44.8	180	ug/Kg
120-12-7	Anthracene	26	U	26	44.8	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	53	U	53	44.8	180	ug/Kg
86-74-8	Carbazole	30	U	30	86.9	350	ug/Kg
84-74-2	Di-n-butylphthalate	64	U	64	44.8	180	ug/Kg
206-44-0	Fluoranthene	57	U	57	86.9	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N1			SDG No.:	BP110424
Lab Sample ID:	P4622-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	5.1
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
BP022904.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	52	44.8	180	ug/Kg
85-68-7	Butylbenzylphthalate	89	U	89	44.8	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	51	U	51	86.9	350	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	44.8	180	ug/Kg
218-01-9	Chrysene	33	U	33	44.8	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	44.8	180	ug/Kg
117-84-0	Di-n-octyl phthalate	80	U	80	86.9	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	35	U	35	44.8	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	40	U	40	44.8	180	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	44.8	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	44.8	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	44.8	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27	U	27	44.8	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	35	U	35	44.8	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.97		15-120		25	SPK: -8
7291-22-7	Pyridine-d5	5.759	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	14.204		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.512		10-150		34	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.29		15-120		38	SPK: -40
190780-66-6	4-Methylphenol-d8	15.247		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	15.656		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.046		10-120		40	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.762		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.143		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.798		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	17.543		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.956		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	17.776		20-140		44	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N1			SDG No.:	BP110424
Lab Sample ID:	P4622-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	5.1
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
BP022904.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.239		10-130		13	SPK: -40
1719-06-8	Anthracene-d10	17.191		10-150		43	SPK: -40
1718-52-1	Pyrene-d10	18.883		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.244		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89660	7.622				
1146-65-2	Naphthalene-d8	342561	10.375				
15067-26-2	Acenaphthene-d10	265851	14.234				
1517-22-2	Phenanthrene-d10	633480	17.04				
1719-03-5	Chrysene-d12	674785	21.492				
1520-96-3	Perylene-d12	805866	24.751				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	160	J			15.622	
000057-10-3	n-Hexadecanoic acid	77	J			17.969	
E966796	Total Alkanes	25	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N2			SDG No.:	BP110424
Lab Sample ID:	P4622-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	5.2
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022905.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	6.9	70	ug/Kg
100-52-7	Benzaldehyde	47	U	47	86.7	350	ug/Kg
110-86-1	Pyridine	35	U	35	170	350	ug/Kg
108-95-2	Phenol	45	U	45	86.7	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	86.7	350	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	44.7	180	ug/Kg
95-48-7	2-Methylphenol	41	U	41	86.7	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63	U	63	86.7	350	ug/Kg
98-86-2	Acetophenone	42	U	42	86.7	350	ug/Kg
106-44-5	4-Methylphenol	39	U	39	86.7	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	54	U	54	44.7	180	ug/Kg
67-72-1	Hexachloroethane	19	U	19	44.7	180	ug/Kg
98-95-3	Nitrobenzene	33	U	33	44.7	180	ug/Kg
78-59-1	Isophorone	50	U	50	44.7	180	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	44.7	180	ug/Kg
105-67-9	2,4-Dimethylphenol	26	U	26	44.7	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	44.7	180	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	44.7	180	ug/Kg
91-20-3	Naphthalene	26	U	26	44.7	180	ug/Kg
106-47-8	4-Chloroaniline	25	U	25	44.7	350	ug/Kg
87-68-3	Hexachlorobutadiene	46	U	46	44.7	180	ug/Kg
105-60-2	Caprolactam	76	U	76	86.7	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	44.7	180	ug/Kg
90-12-0	1-Methylnaphthalene	35	U	35	44.7	180	ug/Kg
91-57-6	2-Methylnaphthalene	24	U	24	44.7	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	86.7	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	44.7	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	44.7	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N2			SDG No.:	BP110424
Lab Sample ID:	P4622-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	5.2
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022905.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	25	U	25	44.7	180	ug/Kg
91-58-7	2-Chloronaphthalene	27	U	27	44.7	180	ug/Kg
88-74-4	2-Nitroaniline	43	U	43	44.7	180	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	44.7	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	46	U	46	44.7	180	ug/Kg
208-96-8	Acenaphthylene	34	U	34	44.7	180	ug/Kg
99-09-2	3-Nitroaniline	46	U	46	86.7	350	ug/Kg
83-32-9	Acenaphthene	30	U	30	44.7	180	ug/Kg
51-28-5	2,4-Dinitrophenol	50	U	50	86.7	350	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	86.7	350	ug/Kg
132-64-9	Dibenzofuran	34	U	34	44.7	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	44.7	180	ug/Kg
84-66-2	Diethylphthalate	32	U	32	44.7	180	ug/Kg
86-73-7	Fluorene	26	U	26	44.7	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	44.7	180	ug/Kg
100-01-6	4-Nitroaniline	33	U	33	86.7	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81	U	81	86.7	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	35	U	35	44.7	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25	U	25	44.7	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	44.7	180	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	44.7	180	ug/Kg
1912-24-9	Atrazine	75	U	75	86.7	350	ug/Kg
87-86-5	Pentachlorophenol	78	U	78	86.7	350	ug/Kg
85-01-8	Phenanthrene	30	U	30	44.7	180	ug/Kg
608-93-5	Pentachlorobenzene	55	U	55	44.7	180	ug/Kg
120-12-7	Anthracene	26	U	26	44.7	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	53	U	53	44.7	180	ug/Kg
86-74-8	Carbazole	29	U	29	86.7	350	ug/Kg
84-74-2	Di-n-butylphthalate	64	U	64	44.7	180	ug/Kg
206-44-0	Fluoranthene	57	U	57	86.7	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N2			SDG No.:	BP110424
Lab Sample ID:	P4622-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	5.2
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022905.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	52	44.7	180	ug/Kg
85-68-7	Butylbenzylphthalate	88	U	88	44.7	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	50	U	50	86.7	350	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	44.7	180	ug/Kg
218-01-9	Chrysene	33	U	33	44.7	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	44.7	180	ug/Kg
117-84-0	Di-n-octyl phthalate	80	U	80	86.7	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	35	U	35	44.7	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	40	U	40	44.7	180	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	44.7	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	44.7	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	44.7	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27	U	27	44.7	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	35	U	35	44.7	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.542		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	11.146		20-120		28	SPK: -40
4165-62-2	Phenol-d5	17.496		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.182		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.169		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	18.992		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	19.233		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.063		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.167		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.936		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.385		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	22.228		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.537		10-150		39	SPK: -40
81103-79-9	Fluorene-d10	22.712		20-140		57	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N2			SDG No.:	BP110424
Lab Sample ID:	P4622-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	5.2
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022905.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.308		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	22.69		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	25.257		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.695		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	96290	7.622				
1146-65-2	Naphthalene-d8	367142	10.375				
15067-26-2	Acenaphthene-d10	285002	14.24				
1517-22-2	Phenanthrene-d10	667242	17.045				
1719-03-5	Chrysene-d12	700986	21.48				
1520-96-3	Perylene-d12	845385	24.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	210	J			15.628	
000057-10-3	n-Hexadecanoic acid	110	J			17.986	
	(DEL) Alkane: Straight-Chain21.157	120	J			21.157	
E966796	Total Alkanes	120				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N3			SDG No.:	BP110424
Lab Sample ID:	P4622-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	7.4
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022906.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.1	72	ug/Kg
100-52-7	Benzaldehyde	48	U	48	88.8	360	ug/Kg
110-86-1	Pyridine	36	U	36	180	360	ug/Kg
108-95-2	Phenol	46	U	46	88.8	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	88.8	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	45.7	180	ug/Kg
95-48-7	2-Methylphenol	42	U	42	88.8	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	65	U	65	88.8	360	ug/Kg
98-86-2	Acetophenone	43	U	43	88.8	360	ug/Kg
106-44-5	4-Methylphenol	40	U	40	88.8	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	55	U	55	45.7	180	ug/Kg
67-72-1	Hexachloroethane	19	U	19	45.7	180	ug/Kg
98-95-3	Nitrobenzene	33	U	33	45.7	180	ug/Kg
78-59-1	Isophorone	52	U	52	45.7	180	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	45.7	180	ug/Kg
105-67-9	2,4-Dimethylphenol	27	U	27	45.7	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	45.7	180	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	45.7	180	ug/Kg
91-20-3	Naphthalene	27	U	27	45.7	180	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	45.7	360	ug/Kg
87-68-3	Hexachlorobutadiene	47	U	47	45.7	180	ug/Kg
105-60-2	Caprolactam	77	U	77	88.8	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	45.7	180	ug/Kg
90-12-0	1-Methylnaphthalene	36	U	36	45.7	180	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	45.7	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	88.8	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	45.7	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	45.7	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N3			SDG No.:	BP110424
Lab Sample ID:	P4622-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	7.4
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022906.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	45.7	180	ug/Kg
91-58-7	2-Chloronaphthalene	28	U	28	45.7	180	ug/Kg
88-74-4	2-Nitroaniline	44	U	44	45.7	180	ug/Kg
131-11-3	Dimethylphthalate	31	U	31	45.7	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	47	U	47	45.7	180	ug/Kg
208-96-8	Acenaphthylene	34	U	34	45.7	180	ug/Kg
99-09-2	3-Nitroaniline	47	U	47	88.8	360	ug/Kg
83-32-9	Acenaphthene	31	U	31	45.7	180	ug/Kg
51-28-5	2,4-Dinitrophenol	52	U	52	88.8	360	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	88.8	360	ug/Kg
132-64-9	Dibenzofuran	34	U	34	45.7	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	46	U	46	45.7	180	ug/Kg
84-66-2	Diethylphthalate	32	U	32	45.7	180	ug/Kg
86-73-7	Fluorene	27	U	27	45.7	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	45.7	180	ug/Kg
100-01-6	4-Nitroaniline	33	U	33	88.8	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	83	U	83	88.8	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	36	U	36	45.7	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	45.7	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	45.7	180	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	45.7	180	ug/Kg
1912-24-9	Atrazine	76	U	76	88.8	360	ug/Kg
87-86-5	Pentachlorophenol	80	U	80	88.8	360	ug/Kg
85-01-8	Phenanthrene	31	U	31	45.7	180	ug/Kg
608-93-5	Pentachlorobenzene	56	U	56	45.7	180	ug/Kg
120-12-7	Anthracene	27	U	27	45.7	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	54	U	54	45.7	180	ug/Kg
86-74-8	Carbazole	30	U	30	88.8	360	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	45.7	180	ug/Kg
206-44-0	Fluoranthene	58	U	58	88.8	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N3			SDG No.:	BP110424
Lab Sample ID:	P4622-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	7.4
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022906.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	45.7	180	ug/Kg
85-68-7	Butylbenzylphthalate	90	U	90	45.7	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	88.8	360	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	45.7	180	ug/Kg
218-01-9	Chrysene	33	U	33	45.7	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	45.7	180	ug/Kg
117-84-0	Di-n-octyl phthalate	82	U	82	88.8	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	36	U	36	45.7	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	45.7	180	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	45.7	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	45.7	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	45.7	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	28	45.7	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	45.7	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.123		15-120		27	SPK: -8
7291-22-7	Pyridine-d5	1.856	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	14.62		10-130		37	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.926		10-150		35	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.699		15-120		39	SPK: -40
190780-66-6	4-Methylphenol-d8	15.639		10-140		39	SPK: -40
4165-60-0	Nitrobenzene-d5	15.948		10-135		40	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.095		10-120		38	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.306		10-140		41	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.858		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.001		10-145		38	SPK: -40
93951-97-4	Acenaphthylene-d8	17.923		15-120		45	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.636		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	18.419		20-140		46	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N3			SDG No.:	BP110424
Lab Sample ID:	P4622-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	7.4
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022906.D	1	11/4/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.912		10-130		10	SPK: -40
1719-06-8	Anthracene-d10	18.221		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	19.913		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.049		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92749	7.622				
1146-65-2	Naphthalene-d8	356083	10.375				
15067-26-2	Acenaphthene-d10	281034	14.239				
1517-22-2	Phenanthrene-d10	670616	17.057				
1719-03-5	Chrysene-d12	695628	21.498				
1520-96-3	Perylene-d12	801683	24.756				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	150	J			15.627	
	(DEL) Alkane: Straight-Chain21.186	110	J			21.186	
E966796	Total Alkanes	110				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N4			SDG No.:	BP110424
Lab Sample ID:	P4622-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	4.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022907.D	1	11/4/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.9	69	ug/Kg
100-52-7	Benzaldehyde	47	U	47	85.7	340	ug/Kg
110-86-1	Pyridine	34	U	34	170	340	ug/Kg
108-95-2	Phenol	45	U	45	85.7	340	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	85.7	340	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	44.2	180	ug/Kg
95-48-7	2-Methylphenol	41	U	41	85.7	340	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62	U	62	85.7	340	ug/Kg
98-86-2	Acetophenone	42	U	42	85.7	340	ug/Kg
106-44-5	4-Methylphenol	38	U	38	85.7	340	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	53	U	53	44.2	180	ug/Kg
67-72-1	Hexachloroethane	19	U	19	44.2	180	ug/Kg
98-95-3	Nitrobenzene	32	U	32	44.2	180	ug/Kg
78-59-1	Isophorone	50	U	50	44.2	180	ug/Kg
88-75-5	2-Nitrophenol	32	U	32	44.2	180	ug/Kg
105-67-9	2,4-Dimethylphenol	26	U	26	44.2	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	44.2	180	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	44.2	180	ug/Kg
91-20-3	Naphthalene	26	U	26	44.2	180	ug/Kg
106-47-8	4-Chloroaniline	25	U	25	44.2	340	ug/Kg
87-68-3	Hexachlorobutadiene	46	U	46	44.2	180	ug/Kg
105-60-2	Caprolactam	75	U	75	85.7	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	44.2	180	ug/Kg
90-12-0	1-Methylnaphthalene	34	U	34	44.2	180	ug/Kg
91-57-6	2-Methylnaphthalene	24	U	24	44.2	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99	U	99	85.7	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	44.2	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	44.2	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N4			SDG No.:	BP110424
Lab Sample ID:	P4622-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	4.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022907.D	1	11/4/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	25	U	25	44.2	180	ug/Kg
91-58-7	2-Chloronaphthalene	27	U	27	44.2	180	ug/Kg
88-74-4	2-Nitroaniline	43	U	43	44.2	180	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	44.2	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	46	U	46	44.2	180	ug/Kg
208-96-8	Acenaphthylene	33	U	33	44.2	180	ug/Kg
99-09-2	3-Nitroaniline	46	U	46	85.7	340	ug/Kg
83-32-9	Acenaphthene	30	U	30	44.2	180	ug/Kg
51-28-5	2,4-Dinitrophenol	50	U	50	85.7	340	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	85.7	340	ug/Kg
132-64-9	Dibenzofuran	33	U	33	44.2	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	44.2	180	ug/Kg
84-66-2	Diethylphthalate	31	U	31	44.2	180	ug/Kg
86-73-7	Fluorene	26	U	26	44.2	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	44.2	180	ug/Kg
100-01-6	4-Nitroaniline	32	U	32	85.7	340	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	80	U	80	85.7	340	ug/Kg
86-30-6	N-Nitrosodiphenylamine	34	U	34	44.2	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25	U	25	44.2	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	44.2	180	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	44.2	180	ug/Kg
1912-24-9	Atrazine	74	U	74	85.7	340	ug/Kg
87-86-5	Pentachlorophenol	77	U	77	85.7	340	ug/Kg
85-01-8	Phenanthrene	30	U	30	44.2	180	ug/Kg
608-93-5	Pentachlorobenzene	54	U	54	44.2	180	ug/Kg
120-12-7	Anthracene	26	U	26	44.2	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	52	U	52	44.2	180	ug/Kg
86-74-8	Carbazole	29	U	29	85.7	340	ug/Kg
84-74-2	Di-n-butylphthalate	63	U	63	44.2	180	ug/Kg
206-44-0	Fluoranthene	56	U	56	85.7	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N4			SDG No.:	BP110424
Lab Sample ID:	P4622-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	4.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022907.D	1	11/4/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	51	U	51	44.2	180	ug/Kg
85-68-7	Butylbenzylphthalate	87	U	87	44.2	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	50	U	50	85.7	340	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	44.2	180	ug/Kg
218-01-9	Chrysene	32	U	32	44.2	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	44.2	180	ug/Kg
117-84-0	Di-n-octyl phthalate	79	U	79	85.7	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	34	U	34	44.2	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	39	U	39	44.2	180	ug/Kg
50-32-8	Benzo(a)pyrene	33	U	33	44.2	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	44.2	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	44.2	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27	U	27	44.2	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	34	U	34	44.2	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.689		15-120		21	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	14.731		10-130		37	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.326		10-150		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.411		15-120		39	SPK: -40
190780-66-6	4-Methylphenol-d8	15.832		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	16.664		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.473		10-120		41	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.333		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.812		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.988		10-145		35	SPK: -40
93951-97-4	Acenaphthylene-d8	19.629		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.097		10-150		28	SPK: -40
81103-79-9	Fluorene-d10	20.296		20-140		51	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N4			SDG No.:	BP110424
Lab Sample ID:	P4622-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	4.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022907.D	1	11/4/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.805	*	10-130		7	SPK: -40
1719-06-8	Anthracene-d10	20.252		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	21.842		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.757		10-140		52	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	95710	7.622				
1146-65-2	Naphthalene-d8	363475	10.375				
15067-26-2	Acenaphthene-d10	277376	14.24				
1517-22-2	Phenanthrene-d10	664326	17.051				
1719-03-5	Chrysene-d12	688970	21.492				
1520-96-3	Perylene-d12	827121	24.745				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	140	J			15.634	
	(DEL) Alkane: Straight-Chain21.174	95	J			21.174	
E966796	Total Alkanes	95				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N5			SDG No.:	BP110424
Lab Sample ID:	P4622-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	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
BP022908.D	1	11/4/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.1	71	ug/Kg
100-52-7	Benzaldehyde	48	U	48	88.4	350	ug/Kg
110-86-1	Pyridine	35	U	35	180	350	ug/Kg
108-95-2	Phenol	46	U	46	88.4	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	88.4	350	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	45.5	180	ug/Kg
95-48-7	2-Methylphenol	42	U	42	88.4	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	64	U	64	88.4	350	ug/Kg
98-86-2	Acetophenone	43	U	43	88.4	350	ug/Kg
106-44-5	4-Methylphenol	40	U	40	88.4	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	55	U	55	45.5	180	ug/Kg
67-72-1	Hexachloroethane	19	U	19	45.5	180	ug/Kg
98-95-3	Nitrobenzene	33	U	33	45.5	180	ug/Kg
78-59-1	Isophorone	51	U	51	45.5	180	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	45.5	180	ug/Kg
105-67-9	2,4-Dimethylphenol	27	U	27	45.5	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	45.5	180	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	45.5	180	ug/Kg
91-20-3	Naphthalene	27	U	27	45.5	180	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	45.5	350	ug/Kg
87-68-3	Hexachlorobutadiene	47	U	47	45.5	180	ug/Kg
105-60-2	Caprolactam	77	U	77	88.4	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	45.5	180	ug/Kg
90-12-0	1-Methylnaphthalene	35	U	35	45.5	180	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	45.5	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	88.4	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	45.5	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	45.5	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N5			SDG No.:	BP110424
Lab Sample ID:	P4622-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	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
BP022908.D	1	11/4/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	45.5	180	ug/Kg
91-58-7	2-Chloronaphthalene	28	U	28	45.5	180	ug/Kg
88-74-4	2-Nitroaniline	44	U	44	45.5	180	ug/Kg
131-11-3	Dimethylphthalate	31	U	31	45.5	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	47	U	47	45.5	180	ug/Kg
208-96-8	Acenaphthylene	34	U	34	45.5	180	ug/Kg
99-09-2	3-Nitroaniline	47	U	47	88.4	350	ug/Kg
83-32-9	Acenaphthene	31	U	31	45.5	180	ug/Kg
51-28-5	2,4-Dinitrophenol	51	U	51	88.4	350	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	88.4	350	ug/Kg
132-64-9	Dibenzofuran	34	U	34	45.5	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	46	U	46	45.5	180	ug/Kg
84-66-2	Diethylphthalate	32	U	32	45.5	180	ug/Kg
86-73-7	Fluorene	27	U	27	45.5	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	45.5	180	ug/Kg
100-01-6	4-Nitroaniline	33	U	33	88.4	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	83	U	83	88.4	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	35	U	35	45.5	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	45.5	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	45.5	180	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	45.5	180	ug/Kg
1912-24-9	Atrazine	76	U	76	88.4	350	ug/Kg
87-86-5	Pentachlorophenol	79	U	79	88.4	350	ug/Kg
85-01-8	Phenanthrene	31	U	31	45.5	180	ug/Kg
608-93-5	Pentachlorobenzene	56	U	56	45.5	180	ug/Kg
120-12-7	Anthracene	27	U	27	45.5	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	54	U	54	45.5	180	ug/Kg
86-74-8	Carbazole	30	U	30	88.4	350	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	45.5	180	ug/Kg
206-44-0	Fluoranthene	58	U	58	88.4	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N5			SDG No.:	BP110424
Lab Sample ID:	P4622-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	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
BP022908.D	1	11/4/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	45.5	180	ug/Kg
85-68-7	Butylbenzylphthalate	90	U	90	45.5	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	51	U	51	88.4	350	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	45.5	180	ug/Kg
218-01-9	Chrysene	33	U	33	45.5	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	45.5	180	ug/Kg
117-84-0	Di-n-octyl phthalate	81	U	81	88.4	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	35	U	35	45.5	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	45.5	180	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	45.5	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	45.5	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	45.5	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	28	45.5	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	35	U	35	45.5	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.799		15-120		22	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	13.93		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.587		10-150		34	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.84		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	14.155		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	15.373		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.338		10-120		36	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.414		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.634		1-145		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.77		10-145		29	SPK: -40
93951-97-4	Acenaphthylene-d8	16.672		15-120		42	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.925		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	17.107		20-140		43	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N5			SDG No.:	BP110424
Lab Sample ID:	P4622-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	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
BP022908.D	1	11/4/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.6	*	10-130		6	SPK: -40
1719-06-8	Anthracene-d10	17.012		10-150		43	SPK: -40
1718-52-1	Pyrene-d10	18.224		10-130		46	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.164		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87715	7.616				
1146-65-2	Naphthalene-d8	338708	10.381				
15067-26-2	Acenaphthene-d10	267451	14.257				
1517-22-2	Phenanthrene-d10	647995	17.057				
1719-03-5	Chrysene-d12	682099	21.492				
1520-96-3	Perylene-d12	834741	24.745				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	160	J			15.64	
E966796	Total Alkanes	26	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N6			SDG No.:	BP110424
Lab Sample ID:	P4622-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	6.5
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022909.D	1	11/4/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.1	71	ug/Kg
100-52-7	Benzaldehyde	48	U	48	88.2	350	ug/Kg
110-86-1	Pyridine	35	U	35	180	350	ug/Kg
108-95-2	Phenol	46	U	46	88.2	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	88.2	350	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	45.5	180	ug/Kg
95-48-7	2-Methylphenol	42	U	42	88.2	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	64	U	64	88.2	350	ug/Kg
98-86-2	Acetophenone	43	U	43	88.2	350	ug/Kg
106-44-5	4-Methylphenol	40	U	40	88.2	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	55	U	55	45.5	180	ug/Kg
67-72-1	Hexachloroethane	19	U	19	45.5	180	ug/Kg
98-95-3	Nitrobenzene	33	U	33	45.5	180	ug/Kg
78-59-1	Isophorone	51	U	51	45.5	180	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	45.5	180	ug/Kg
105-67-9	2,4-Dimethylphenol	27	U	27	45.5	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	45.5	180	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	45.5	180	ug/Kg
91-20-3	Naphthalene	27	U	27	45.5	180	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	45.5	350	ug/Kg
87-68-3	Hexachlorobutadiene	47	U	47	45.5	180	ug/Kg
105-60-2	Caprolactam	77	U	77	88.2	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	45.5	180	ug/Kg
90-12-0	1-Methylnaphthalene	35	U	35	45.5	180	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	45.5	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	88.2	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	45.5	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	45.5	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N6			SDG No.:	BP110424
Lab Sample ID:	P4622-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	6.5
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022909.D	1	11/4/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	45.5	180	ug/Kg
91-58-7	2-Chloronaphthalene	28	U	28	45.5	180	ug/Kg
88-74-4	2-Nitroaniline	44	U	44	45.5	180	ug/Kg
131-11-3	Dimethylphthalate	31	U	31	45.5	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	47	U	47	45.5	180	ug/Kg
208-96-8	Acenaphthylene	34	U	34	45.5	180	ug/Kg
99-09-2	3-Nitroaniline	47	U	47	88.2	350	ug/Kg
83-32-9	Acenaphthene	31	U	31	45.5	180	ug/Kg
51-28-5	2,4-Dinitrophenol	51	U	51	88.2	350	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	88.2	350	ug/Kg
132-64-9	Dibenzofuran	34	U	34	45.5	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	46	U	46	45.5	180	ug/Kg
84-66-2	Diethylphthalate	32	U	32	45.5	180	ug/Kg
86-73-7	Fluorene	27	U	27	45.5	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	45.5	180	ug/Kg
100-01-6	4-Nitroaniline	33	U	33	88.2	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	82	U	82	88.2	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	35	U	35	45.5	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	45.5	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	45.5	180	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	45.5	180	ug/Kg
1912-24-9	Atrazine	76	U	76	88.2	350	ug/Kg
87-86-5	Pentachlorophenol	79	U	79	88.2	350	ug/Kg
85-01-8	Phenanthrene	31	U	31	45.5	180	ug/Kg
608-93-5	Pentachlorobenzene	56	U	56	45.5	180	ug/Kg
120-12-7	Anthracene	27	U	27	45.5	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	53	U	53	45.5	180	ug/Kg
86-74-8	Carbazole	30	U	30	88.2	350	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	45.5	180	ug/Kg
206-44-0	Fluoranthene	58	U	58	88.2	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N6			SDG No.:	BP110424
Lab Sample ID:	P4622-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	6.5
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022909.D	1	11/4/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	52	45.5	180	ug/Kg
85-68-7	Butylbenzylphthalate	90	U	90	45.5	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	51	U	51	88.2	350	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	45.5	180	ug/Kg
218-01-9	Chrysene	33	U	33	45.5	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	45.5	180	ug/Kg
117-84-0	Di-n-octyl phthalate	81	U	81	88.2	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	35	U	35	45.5	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	45.5	180	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	45.5	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	45.5	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	45.5	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	28	45.5	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	35	U	35	45.5	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.297		15-120		29	SPK: -8
7291-22-7	Pyridine-d5	1.295	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	15.618		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.984		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.689		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	16.207		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	16.976		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.153		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.501		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.04		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.073		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	19.477		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.683		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	20.135		20-140		50	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N6			SDG No.:	BP110424
Lab Sample ID:	P4622-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	6.5
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022909.D	1	11/4/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.301		10-130		11	SPK: -40
1719-06-8	Anthracene-d10	20.035		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	22.009		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.535		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98954	7.622				
1146-65-2	Naphthalene-d8	378859	10.381				
15067-26-2	Acenaphthene-d10	292225	14.24				
1517-22-2	Phenanthrene-d10	698901	17.045				
1719-03-5	Chrysene-d12	727556	21.498				
1520-96-3	Perylene-d12	866870	24.763				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	150	J			15.628	
E966796	Total Alkanes	26	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N7			SDG No.:	BP110424
Lab Sample ID:	P4622-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	5.5
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022910.D	1	11/4/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7	71	ug/Kg
100-52-7	Benzaldehyde	48	U	48	87.3	350	ug/Kg
110-86-1	Pyridine	35	U	35	170	350	ug/Kg
108-95-2	Phenol	46	U	46	87.3	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	87.3	350	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	45	180	ug/Kg
95-48-7	2-Methylphenol	41	U	41	87.3	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63	U	63	87.3	350	ug/Kg
98-86-2	Acetophenone	42	U	42	87.3	350	ug/Kg
106-44-5	4-Methylphenol	39	U	39	87.3	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	54	U	54	45	180	ug/Kg
67-72-1	Hexachloroethane	19	U	19	45	180	ug/Kg
98-95-3	Nitrobenzene	33	U	33	45	180	ug/Kg
78-59-1	Isophorone	51	U	51	45	180	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	45	180	ug/Kg
105-67-9	2,4-Dimethylphenol	26	U	26	45	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	45	180	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	45	180	ug/Kg
91-20-3	Naphthalene	26	U	26	45	180	ug/Kg
106-47-8	4-Chloroaniline	25	U	25	45	350	ug/Kg
87-68-3	Hexachlorobutadiene	47	U	47	45	180	ug/Kg
105-60-2	Caprolactam	76	U	76	87.3	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	45	180	ug/Kg
90-12-0	1-Methylnaphthalene	35	U	35	45	180	ug/Kg
91-57-6	2-Methylnaphthalene	24	U	24	45	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	87.3	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	45	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	45	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N7			SDG No.:	BP110424
Lab Sample ID:	P4622-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	5.5
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022910.D	1	11/4/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	25	U	25	45	180	ug/Kg
91-58-7	2-Chloronaphthalene	28	U	28	45	180	ug/Kg
88-74-4	2-Nitroaniline	43	U	43	45	180	ug/Kg
131-11-3	Dimethylphthalate	31	U	31	45	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	47	U	47	45	180	ug/Kg
208-96-8	Acenaphthylene	34	U	34	45	180	ug/Kg
99-09-2	3-Nitroaniline	47	U	47	87.3	350	ug/Kg
83-32-9	Acenaphthene	31	U	31	45	180	ug/Kg
51-28-5	2,4-Dinitrophenol	51	U	51	87.3	350	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	87.3	350	ug/Kg
132-64-9	Dibenzofuran	34	U	34	45	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	46	U	46	45	180	ug/Kg
84-66-2	Diethylphthalate	32	U	32	45	180	ug/Kg
86-73-7	Fluorene	26	U	26	45	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	45	180	ug/Kg
100-01-6	4-Nitroaniline	33	U	33	87.3	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81	U	81	87.3	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	35	U	35	45	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25	U	25	45	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	45	180	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	45	180	ug/Kg
1912-24-9	Atrazine	75	U	75	87.3	350	ug/Kg
87-86-5	Pentachlorophenol	78	U	78	87.3	350	ug/Kg
85-01-8	Phenanthrene	31	U	31	45	180	ug/Kg
608-93-5	Pentachlorobenzene	55	U	55	45	180	ug/Kg
120-12-7	Anthracene	26	U	26	45	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	53	U	53	45	180	ug/Kg
86-74-8	Carbazole	30	U	30	87.3	350	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	45	180	ug/Kg
206-44-0	Fluoranthene	57	U	57	87.3	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N7			SDG No.:	BP110424
Lab Sample ID:	P4622-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	5.5
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022910.D	1	11/4/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	52	45	180	ug/Kg
85-68-7	Butylbenzylphthalate	89	U	89	45	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	51	U	51	87.3	350	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	45	180	ug/Kg
218-01-9	Chrysene	33	U	33	45	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	45	180	ug/Kg
117-84-0	Di-n-octyl phthalate	80	U	80	87.3	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	35	U	35	45	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	40	U	40	45	180	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	45	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	45	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	45	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	28	45	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	35	U	35	45	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.213		15-120		28	SPK: -8
7291-22-7	Pyridine-d5	4.711	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	14.8		10-130		37	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.209		10-150		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.78		15-120		39	SPK: -40
190780-66-6	4-Methylphenol-d8	16.311		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	16.434		10-135		41	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.212		10-120		41	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.676		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.225		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.276		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	18.428		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.383		10-150		28	SPK: -40
81103-79-9	Fluorene-d10	18.835		20-140		47	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH6N7			SDG No.:	BP110424
Lab Sample ID:	P4622-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	5.5
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022910.D	1	11/4/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.643		10-130		14	SPK: -40
1719-06-8	Anthracene-d10	19.13		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	20.761		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.639		10-140		49	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98933	7.616				
1146-65-2	Naphthalene-d8	384613	10.375				
15067-26-2	Acenaphthene-d10	300450	14.245				
1517-22-2	Phenanthrene-d10	717512	17.051				
1719-03-5	Chrysene-d12	756264	21.486				
1520-96-3	Perylene-d12	891686	24.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	120	J			15.628	
E966796	Total Alkanes	25	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH8M6			SDG No.:	BP110424
Lab Sample ID:	P4622-14			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	4.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022911.D	1	11/4/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	6.9	70	ug/Kg
100-52-7	Benzaldehyde	47	U	47	86.4	350	ug/Kg
110-86-1	Pyridine	35	U	35	170	350	ug/Kg
108-95-2	Phenol	45	U	45	86.4	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	86.4	350	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	44.5	180	ug/Kg
95-48-7	2-Methylphenol	41	U	41	86.4	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63	U	63	86.4	350	ug/Kg
98-86-2	Acetophenone	42	U	42	86.4	350	ug/Kg
106-44-5	4-Methylphenol	39	U	39	86.4	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	53	U	53	44.5	180	ug/Kg
67-72-1	Hexachloroethane	19	U	19	44.5	180	ug/Kg
98-95-3	Nitrobenzene	32	U	32	44.5	180	ug/Kg
78-59-1	Isophorone	50	U	50	44.5	180	ug/Kg
88-75-5	2-Nitrophenol	32	U	32	44.5	180	ug/Kg
105-67-9	2,4-Dimethylphenol	26	U	26	44.5	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	44.5	180	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	44.5	180	ug/Kg
91-20-3	Naphthalene	26	U	26	44.5	180	ug/Kg
106-47-8	4-Chloroaniline	25	U	25	44.5	350	ug/Kg
87-68-3	Hexachlorobutadiene	46	U	46	44.5	180	ug/Kg
105-60-2	Caprolactam	75	U	75	86.4	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	44.5	180	ug/Kg
90-12-0	1-Methylnaphthalene	35	U	35	44.5	180	ug/Kg
91-57-6	2-Methylnaphthalene	24	U	24	44.5	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99	U	99	86.4	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	44.5	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	44.5	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH8M6			SDG No.:	BP110424
Lab Sample ID:	P4622-14			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	4.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022911.D	1	11/4/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	25	U	25	44.5	180	ug/Kg
91-58-7	2-Chloronaphthalene	27	U	27	44.5	180	ug/Kg
88-74-4	2-Nitroaniline	43	U	43	44.5	180	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	44.5	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	46	U	46	44.5	180	ug/Kg
208-96-8	Acenaphthylene	34	U	34	44.5	180	ug/Kg
99-09-2	3-Nitroaniline	46	U	46	86.4	350	ug/Kg
83-32-9	Acenaphthene	30	U	30	44.5	180	ug/Kg
51-28-5	2,4-Dinitrophenol	50	U	50	86.4	350	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	86.4	350	ug/Kg
132-64-9	Dibenzofuran	34	U	34	44.5	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	44.5	180	ug/Kg
84-66-2	Diethylphthalate	31	U	31	44.5	180	ug/Kg
86-73-7	Fluorene	26	U	26	44.5	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	44.5	180	ug/Kg
100-01-6	4-Nitroaniline	32	U	32	86.4	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81	U	81	86.4	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	35	U	35	44.5	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25	U	25	44.5	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	44.5	180	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	44.5	180	ug/Kg
1912-24-9	Atrazine	74	U	74	86.4	350	ug/Kg
87-86-5	Pentachlorophenol	77	U	77	86.4	350	ug/Kg
85-01-8	Phenanthrene	30	U	30	44.5	180	ug/Kg
608-93-5	Pentachlorobenzene	54	U	54	44.5	180	ug/Kg
120-12-7	Anthracene	26	U	26	44.5	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	52	U	52	44.5	180	ug/Kg
86-74-8	Carbazole	29	U	29	86.4	350	ug/Kg
84-74-2	Di-n-butylphthalate	64	U	64	44.5	180	ug/Kg
206-44-0	Fluoranthene	57	U	57	86.4	180	ug/Kg

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

Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH8M6			SDG No.:	BP110424
Lab Sample ID:	P4622-14			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	4.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022911.D	1	11/4/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	51	U	51	44.5	180	ug/Kg
85-68-7	Butylbenzylphthalate	88	U	88	44.5	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	50	U	50	86.4	350	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	44.5	180	ug/Kg
218-01-9	Chrysene	32	U	32	44.5	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	44.5	180	ug/Kg
117-84-0	Di-n-octyl phthalate	80	U	80	86.4	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	35	U	35	44.5	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	40	U	40	44.5	180	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	44.5	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	44.5	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	44.5	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27	U	27	44.5	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	35	U	35	44.5	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.452		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	6.52	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	16.197		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.226		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.364		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	17.154		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	17.619		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.71		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.735		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.263		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.114		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	18.766		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.411		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	19.576		20-140		49	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/29/2024 12:00:00 AM
Project:				Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	BH8M6			SDG No.:	BP110424
Lab Sample ID:	P4622-14			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	4.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022911.D	1	11/4/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.714		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	18.881		10-150		47	SPK: -40
1718-52-1	Pyrene-d10	20.596		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.061		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	96417	7.622				
1146-65-2	Naphthalene-d8	378866	10.375				
15067-26-2	Acenaphthene-d10	295178	14.239				
1517-22-2	Phenanthrene-d10	689828	17.039				
1719-03-5	Chrysene-d12	722300	21.486				
1520-96-3	Perylene-d12	853894	24.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	170	J			15.628	
000057-10-3	n-Hexadecanoic acid	100	J			17.98	
E966796	Total Alkanes	25	U			99	ug/Kg

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BP110424

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**A4EA4**								
P4568-02	A4EA4	Solid	1,1-Biphenyl, 2-methyl-	*	68.000	J			
P4568-02	A4EA4	Solid	2,6,6-Trimethyl-2-cyclohexene-1,'	*	110.000	J			
P4568-02	A4EA4	Solid	9,10-Anthracenedione	*	99.000	J			
P4568-02	A4EA4	Solid	Benzene, 1,3-dichloro-	*	660.000	J			
P4568-02	A4EA4	Solid	Benzene, pentachloro-	*	93.000	J			
P4568-02	A4EA4	Solid	Benzophenone	*	190.000	J			
P4568-02	A4EA4	Solid	n-Hexadecanoic acid	*	120.000	J			
P4568-02	A4EA4	Solid	Total Alkanes	*	0.000		24	170	ug/Kg
P4568-02	A4EA4	Solid	2,6,6-Trimethyl-2-cyclohexene-1,'	*	120.000	J			
P4568-02	A4EA4	Solid	9,10-Anthracenedione	*	100.000	J			
P4568-02	A4EA4	Solid	Benzene, 1,3-dichloro-	*	5,500.000	J			
P4568-02	A4EA4	Solid	Benzene, pentachloro-	*	93.000	J			
P4568-02	A4EA4	Solid	Benzophenone	*	200.000	J			
P4568-02	A4EA4	Solid	n-Hexadecanoic acid	*	160.000	J			
P4568-02	A4EA4	Solid	Total Alkanes	*	0.000		24	170	ug/Kg
			Total Tics :		**7,513.00**				
P4568-02	A4EA4	Solid	2,4,5-Trichlorophenol		960.000		39	170	ug/Kg
P4568-02	A4EA4	Solid	2,4,6-Trichlorophenol		4,400.000	E	49	170	ug/Kg
P4568-02	A4EA4	Solid	2,4-Dichlorophenol		2,800.000	E	16	170	ug/Kg
P4568-02	A4EA4	Solid	2,4-Dinitrotoluene		3,900.000	E	43	170	ug/Kg
P4568-02	A4EA4	Solid	2,6-Dinitrotoluene		6,000.000	E	44	170	ug/Kg
P4568-02	A4EA4	Solid	2-Chlorophenol		2,200.000		23	170	ug/Kg
P4568-02	A4EA4	Solid	2-Methylnaphthalene		1,400.000		23	170	ug/Kg
P4568-02	A4EA4	Solid	2-Nitrophenol		1,100.000		31	170	ug/Kg
P4568-02	A4EA4	Solid	4-Bromophenyl-phenylether		1,000.000		29	170	ug/Kg
P4568-02	A4EA4	Solid	4-Chloro-3-methylphenol		970.000		49	170	ug/Kg
P4568-02	A4EA4	Solid	4-Chlorophenyl-phenylether		1,500.000		20	170	ug/Kg
P4568-02	A4EA4	Solid	4-Nitrophenol		2,000.000		44	330	ug/Kg
P4568-02	A4EA4	Solid	Acenaphthene		2,900.000	E	29	170	ug/Kg
P4568-02	A4EA4	Solid	Acenaphthylene		470.000		32	170	ug/Kg
P4568-02	A4EA4	Solid	Anthracene		980.000		25	170	ug/Kg
P4568-02	A4EA4	Solid	Benzo(a)anthracene		2,800.000	E	27	170	ug/Kg
P4568-02	A4EA4	Solid	Benzo(a)pyrene		870.000		32	170	ug/Kg
P4568-02	A4EA4	Solid	Benzo(b)fluoranthene		3,900.000	E	33	170	ug/Kg
P4568-02	A4EA4	Solid	Benzo(g,h,i)perylene		620.000		26	170	ug/Kg
P4568-02	A4EA4	Solid	Bis(2-Chloroethoxy)methane		4,200.000	E	43	170	ug/Kg
P4568-02	A4EA4	Solid	Bis(2-Chloroethyl)ether		4,700.000		40	330	ug/Kg

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BP110424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4568-02	A4EA4	Solid	Bis(2-ethylhexyl)phthalate	3,700.000	E	95	170	ug/Kg
P4568-02	A4EA4	Solid	Butylbenzylphthalate	880.000		83	170	ug/Kg
P4568-02	A4EA4	Solid	Chrysene	4,500.000	E	31	170	ug/Kg
P4568-02	A4EA4	Solid	Di-n-butylphthalate	3,700.000	E	61	170	ug/Kg
P4568-02	A4EA4	Solid	Dibenzo(a,h)anthracene	1,800.000		28	170	ug/Kg
P4568-02	A4EA4	Solid	Fluoranthene	3,500.000	E	54	170	ug/Kg
P4568-02	A4EA4	Solid	Fluorene	4,600.000	E	25	170	ug/Kg
P4568-02	A4EA4	Solid	Hexachlorobutadiene	4,000.000	E	44	170	ug/Kg
P4568-02	A4EA4	Solid	Hexachloroethane	3,200.000	E	18	170	ug/Kg
P4568-02	A4EA4	Solid	Indeno(1,2,3-cd)pyrene	710.000		31	170	ug/Kg
P4568-02	A4EA4	Solid	Isophorone	3,600.000	E	48	170	ug/Kg
P4568-02	A4EA4	Solid	N-Nitroso-di-n-propylamine	4,700.000	E	51	170	ug/Kg
P4568-02	A4EA4	Solid	Nitrobenzene	860.000		31	170	ug/Kg
P4568-02	A4EA4	Solid	Pentachlorophenol	5,400.000	E	74	330	ug/Kg
P4568-02	A4EA4	Solid	Phenanthrene	1,000.000		29	170	ug/Kg
P4568-02	A4EA4	Solid	Phenol	810.000		43	330	ug/Kg
P4568-02	A4EA4	Solid	Pyrene	1,400.000		49	170	ug/Kg
P4568-02	A4EA4	Solid	2,4,5-Trichlorophenol	930.000		39	170	ug/Kg
P4568-02	A4EA4	Solid	2,4,6-Trichlorophenol	4,300.000	E	49	170	ug/Kg
P4568-02	A4EA4	Solid	2,4-Dichlorophenol	2,700.000	E	16	170	ug/Kg
P4568-02	A4EA4	Solid	2,4-Dinitrotoluene	3,800.000	E	43	170	ug/Kg
P4568-02	A4EA4	Solid	2,6-Dinitrotoluene	6,000.000	E	44	170	ug/Kg
P4568-02	A4EA4	Solid	2-Chlorophenol	2,100.000		23	170	ug/Kg
P4568-02	A4EA4	Solid	2-Methylnaphthalene	1,400.000		23	170	ug/Kg
P4568-02	A4EA4	Solid	2-Nitrophenol	1,100.000		31	170	ug/Kg
P4568-02	A4EA4	Solid	4-Bromophenyl-phenylether	1,000.000		29	170	ug/Kg
P4568-02	A4EA4	Solid	4-Chloro-3-methylphenol	1,000.000		49	170	ug/Kg
P4568-02	A4EA4	Solid	4-Chlorophenyl-phenylether	1,400.000		20	170	ug/Kg
P4568-02	A4EA4	Solid	4-Nitrophenol	2,000.000		44	330	ug/Kg
P4568-02	A4EA4	Solid	Acenaphthene	2,800.000	E	29	170	ug/Kg
P4568-02	A4EA4	Solid	Acenaphthylene	470.000		32	170	ug/Kg
P4568-02	A4EA4	Solid	Anthracene	980.000		25	170	ug/Kg
P4568-02	A4EA4	Solid	Benzo(a)anthracene	2,800.000	E	27	170	ug/Kg
P4568-02	A4EA4	Solid	Benzo(a)pyrene	890.000		32	170	ug/Kg
P4568-02	A4EA4	Solid	Benzo(b)fluoranthene	3,800.000	E	33	170	ug/Kg
P4568-02	A4EA4	Solid	Benzo(g,h,i)perylene	630.000		26	170	ug/Kg
P4568-02	A4EA4	Solid	Bis(2-Chloroethoxy)methane	4,500.000	E	43	170	ug/Kg
P4568-02	A4EA4	Solid	Bis(2-Chloroethyl)ether	4,600.000		40	330	ug/Kg
P4568-02	A4EA4	Solid	Bis(2-ethylhexyl)phthalate	4,200.000	E	95	170	ug/Kg
P4568-02	A4EA4	Solid	Butylbenzylphthalate	980.000		83	170	ug/Kg

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BP110424

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4568-02	A4EA4	Solid	Chrysene		4,500.000	E	31	170	ug/Kg
P4568-02	A4EA4	Solid	Di-n-butylphthalate		3,900.000	E	61	170	ug/Kg
P4568-02	A4EA4	Solid	Dibenzo(a,h)anthracene		1,800.000		28	170	ug/Kg
P4568-02	A4EA4	Solid	Fluoranthene		3,800.000	E	54	170	ug/Kg
P4568-02	A4EA4	Solid	Fluorene		4,300.000	E	25	170	ug/Kg
P4568-02	A4EA4	Solid	Hexachlorobenzene		5,900.000	E	32	170	ug/Kg
P4568-02	A4EA4	Solid	Hexachlorobutadiene		3,800.000	E	44	170	ug/Kg
P4568-02	A4EA4	Solid	Hexachloroethane		3,100.000	E	18	170	ug/Kg
P4568-02	A4EA4	Solid	Indeno(1,2,3-cd)pyrene		720.000		31	170	ug/Kg
P4568-02	A4EA4	Solid	Isophorone		3,900.000	E	48	170	ug/Kg
P4568-02	A4EA4	Solid	N-Nitroso-di-n-propylamine		4,700.000	E	51	170	ug/Kg
P4568-02	A4EA4	Solid	Nitrobenzene		920.000		31	170	ug/Kg
P4568-02	A4EA4	Solid	Pentachlorophenol		5,200.000		74	330	ug/Kg
P4568-02	A4EA4	Solid	Phenanthrene		1,000.000		29	170	ug/Kg
P4568-02	A4EA4	Solid	Phenol		790.000		43	330	ug/Kg
P4568-02	A4EA4	Solid	Pyrene		1,500.000		49	170	ug/Kg
			Total Svoc :		**202,240.00**				
			Total Concentration:		**209,753.00**				
Client ID :	**A4EA4DL**								
P4568-02DL	A4EA4DL	Solid	Benzene, 1,3-dichloro-	*	5,300.000	JD			
P4568-02DL	A4EA4DL	Solid	Total Alkanes	*	0.000	D	120	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Benzene, 1,2-dichloro-	*	5,900.000	JD			
P4568-02DL	A4EA4DL	Solid	Total Alkanes	*	0.000	D	120	840	ug/Kg
			Total Tics :		**11,200.00**				
P4568-02DL	A4EA4DL	Solid	2,4,5-Trichlorophenol		950.000	D	190	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	2,4,6-Trichlorophenol		4,500.000	D	240	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	2,4-Dichlorophenol		2,900.000	D	79	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	2,4-Dinitrotoluene		3,700.000	D	210	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	2,6-Dinitrotoluene		6,100.000	D	220	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	2-Chlorophenol		2,400.000	D	110	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	2-Methylnaphthalene		1,500.000	D	110	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	2-Nitrophenol		1,200.000	D	150	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	4-Bromophenyl-phenylether		1,100.000	D	140	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	4-Chloro-3-methylphenol		1,000.000	D	240	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	4-Chlorophenyl-phenylether		1,500.000	D	99	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	4-Nitrophenol		1,500.000	JD	220	1600	ug/Kg
P4568-02DL	A4EA4DL	Solid	Acenaphthene		3,100.000	D	140	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Acenaphthylene		530.000	JD	160	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Anthracene		1,100.000	D	120	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Benzo(a)anthracene		3,100.000	D	130	840	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: BP110424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4568-02DL	A4EA4DL	Solid	Benzo(a)pyrene	960.000	D	160	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Benzo(b)fluoranthene	4,300.000	D	160	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Benzo(g,h,i)perylene	680.000	JD	130	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Bis(2-Chloroethoxy)methane	4,900.000	D	210	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Bis(2-Chloroethyl)ether	5,200.000	D	200	1600	ug/Kg
P4568-02DL	A4EA4DL	Solid	Bis(2-ethylhexyl)phthalate	4,000.000	D	480	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Butylbenzylphthalate	900.000	D	420	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Chrysene	5,000.000	D	150	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Di-n-butylphthalate	3,900.000	D	300	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Dibenzo(a,h)anthracene	1,900.000	D	140	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Fluoranthene	4,200.000	D	270	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Fluorene	4,600.000	D	120	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Hexachlorobenzene	6,200.000	D	160	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Hexachlorobutadiene	3,900.000	D	220	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Hexachloroethane	3,300.000	D	89	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Indeno(1,2,3-cd)pyrene	750.000	JD	150	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Isophorone	4,200.000	D	240	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	N-Nitroso-di-n-propylamine	5,000.000	D	250	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Nitrobenzene	1,000.000	D	150	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Pentachlorophenol	4,900.000	D	370	1600	ug/Kg
P4568-02DL	A4EA4DL	Solid	Phenanthrene	1,100.000	D	140	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Phenol	880.000	JD	210	1600	ug/Kg
P4568-02DL	A4EA4DL	Solid	Pyrene	1,700.000	D	240	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	2,4,5-Trichlorophenol	990.000	D	190	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	2,4,6-Trichlorophenol	4,600.000	D	240	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	2,4-Dichlorophenol	3,000.000	D	79	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	2,4-Dinitrotoluene	3,700.000	D	210	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	2,6-Dinitrotoluene	6,100.000	D	220	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	2-Chlorophenol	2,400.000	D	110	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	2-Methylnaphthalene	1,500.000	D	110	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	2-Nitrophenol	1,200.000	D	150	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	4-Bromophenyl-phenylether	1,100.000	D	140	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	4-Chloro-3-methylphenol	1,000.000	D	240	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	4-Chlorophenyl-phenylether	1,500.000	D	99	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	4-Nitrophenol	1,600.000	D	220	1600	ug/Kg
P4568-02DL	A4EA4DL	Solid	Acenaphthene	3,100.000	D	140	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Acenaphthylene	530.000	JD	160	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Anthracene	1,100.000	D	120	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Benzo(a)anthracene	3,200.000	D	130	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Benzo(a)pyrene	950.000	D	160	840	ug/Kg

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Hit Summary Sheet
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SDG No.: BP110424

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4568-02DL	A4EA4DL	Solid	Benzo(b)fluoranthene		4,400.000	D	160	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Benzo(g,h,i)perylene		670.000	JD	130	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Bis(2-Chloroethoxy)methane		4,900.000	D	210	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Bis(2-Chloroethyl)ether		5,100.000	D	200	1600	ug/Kg
P4568-02DL	A4EA4DL	Solid	Bis(2-ethylhexyl)phthalate		4,200.000	D	480	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Butylbenzylphthalate		940.000	D	420	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Chrysene		4,900.000	D	150	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Di-n-butylphthalate		3,900.000	D	300	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Dibenzo(a,h)anthracene		1,900.000	D	140	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Fluoranthene		4,300.000	D	270	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Fluorene		4,700.000	D	120	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Hexachlorobenzene		6,200.000	D	160	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Hexachlorobutadiene		3,900.000	D	220	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Hexachloroethane		3,400.000	D	89	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Indeno(1,2,3-cd)pyrene		750.000	JD	150	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Isophorone		4,100.000	D	240	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	N-Nitroso-di-n-propylamine		4,800.000	D	250	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Nitrobenzene		990.000	D	150	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Pentachlorophenol		4,900.000	D	370	1600	ug/Kg
P4568-02DL	A4EA4DL	Solid	Phenanthrene		1,200.000	D	140	840	ug/Kg
P4568-02DL	A4EA4DL	Solid	Phenol		870.000	JD	210	1600	ug/Kg
P4568-02DL	A4EA4DL	Solid	Pyrene		1,800.000	D	240	840	ug/Kg
			Total Svoc :		**220,040.00**				
			Total Concentration:		**231,240.00**				
Client ID :	**A4EF5**								
P4568-03	A4EF5	Solid	(DEL) Alkane: Straight-Chain23.8	*	320.000	J			
P4568-03	A4EF5	Solid	Benzophenone	*	480.000	J			
P4568-03	A4EF5	Solid	n-Hexadecanoic acid	*	420.000	J			
P4568-03	A4EF5	Solid	Total Alkanes	*	320.000		61	430	ug/Kg
			Total Tics :		**1,540.00**				
P4568-03	A4EF5	Solid	Benzo(a)anthracene		130.000	J	68	430	ug/Kg
P4568-03	A4EF5	Solid	Benzo(a)pyrene		130.000	J	81	430	ug/Kg
P4568-03	A4EF5	Solid	Benzo(b)fluoranthene		190.000	J	84	430	ug/Kg
P4568-03	A4EF5	Solid	Benzo(g,h,i)perylene		99.000	J	66	430	ug/Kg
P4568-03	A4EF5	Solid	Chrysene		160.000	J	79	430	ug/Kg
P4568-03	A4EF5	Solid	Fluoranthene		300.000	J	140	430	ug/Kg
P4568-03	A4EF5	Solid	Phenanthrene		210.000	J	74	430	ug/Kg
P4568-03	A4EF5	Solid	Pyrene		260.000	J	120	430	ug/Kg
			Total Svoc :		**1,479.00**				

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Hit Summary Sheet
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SDG No.: BP110424

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
			Total Concentration:		**3,019.00**				
Client ID :	**A4EF6**								
P4568-06	A4EF6	Solid	Total Alkanes	*	0.000		30	220	ug/Kg
P4568-06	A4EF6	Solid	n-Hexadecanoic acid	*	91.000	J			
P4568-06	A4EF6	Solid	Total Alkanes	*	0.000		30	220	ug/Kg
			Total Tics :		**91.00**				
P4568-06	A4EF6	Solid	Acetophenone		290.000	J	51	420	ug/Kg
P4568-06	A4EF6	Solid	Benzo(b)fluoranthene		57.000	J	42	220	ug/Kg
P4568-06	A4EF6	Solid	Chrysene		45.000	J	39	220	ug/Kg
P4568-06	A4EF6	Solid	Fluoranthene		100.000	J	69	220	ug/Kg
P4568-06	A4EF6	Solid	Phenanthrene		60.000	J	37	220	ug/Kg
P4568-06	A4EF6	Solid	Phenol		94.000	J	55	420	ug/Kg
P4568-06	A4EF6	Solid	Acetophenone		290.000	J	51	420	ug/Kg
P4568-06	A4EF6	Solid	Benzo(b)fluoranthene		54.000	J	42	220	ug/Kg
P4568-06	A4EF6	Solid	Chrysene		46.000	J	39	220	ug/Kg
P4568-06	A4EF6	Solid	Fluoranthene		100.000	J	69	220	ug/Kg
P4568-06	A4EF6	Solid	Phenanthrene		61.000	J	37	220	ug/Kg
P4568-06	A4EF6	Solid	Phenol		91.000	J	55	420	ug/Kg
			Total Svoc :		**1,288.00**				
			Total Concentration:		**1,379.00**				
Client ID :	**A4EF8**								
P4568-07	A4EF8	Solid	Benzophenone	*	240.000	J			
P4568-07	A4EF8	Solid	n-Hexadecanoic acid	*	160.000	J			
P4568-07	A4EF8	Solid	Total Alkanes	*	0.000		57	400	ug/Kg
			Total Tics :		**400.00**				
			Total Concentration:		**400.00**				
Client ID :	**A4EF9**								
P4568-08	A4EF9	Solid	Benzophenone	*	380.000	J			
P4568-08	A4EF9	Solid	n-Hexadecanoic acid	*	340.000	J			
P4568-08	A4EF9	Solid	Total Alkanes	*	0.000		58	410	ug/Kg
			Total Tics :		**720.00**				
			Total Concentration:		**720.00**				
Client ID :	**A4EG0**								
P4568-09	A4EG0	Solid	(DEL) Alkane: Straight-Chain23.8	*	210.000	J			
P4568-09	A4EG0	Solid	Benzophenone	*	190.000	J			
P4568-09	A4EG0	Solid	n-Hexadecanoic acid	*	220.000	J			
P4568-09	A4EG0	Solid	Total Alkanes	*	210.000		46	320	ug/Kg
			Total Tics :		**830.00**				
P4568-09	A4EG0	Solid	Acenaphthene		120.000	J	55	320	ug/Kg

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Hit Summary Sheet
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SDG No.: BP110424

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4568-09	A4EG0	Solid	Acetophenone		320.000	J	76	630	ug/Kg
P4568-09	A4EG0	Solid	Anthracene		130.000	J	48	320	ug/Kg
P4568-09	A4EG0	Solid	Benzo(a)anthracene		250.000	J	52	320	ug/Kg
P4568-09	A4EG0	Solid	Benzo(a)pyrene		78.000	J	61	320	ug/Kg
P4568-09	A4EG0	Solid	Benzo(b)fluoranthene		250.000	J	63	320	ug/Kg
P4568-09	A4EG0	Solid	Benzo(k)fluoranthene		99.000	J	73	320	ug/Kg
P4568-09	A4EG0	Solid	Bis(2-ethylhexyl)phthalate		210.000	J	180	320	ug/Kg
P4568-09	A4EG0	Solid	Chrysene		260.000	J	59	320	ug/Kg
P4568-09	A4EG0	Solid	Dibenzofuran		82.000	J	61	320	ug/Kg
P4568-09	A4EG0	Solid	Fluoranthene		730.000		100	320	ug/Kg
P4568-09	A4EG0	Solid	Fluorene		100.000	J	48	320	ug/Kg
P4568-09	A4EG0	Solid	Naphthalene		68.000	J	48	320	ug/Kg
P4568-09	A4EG0	Solid	Phenanthrene		820.000		55	320	ug/Kg
P4568-09	A4EG0	Solid	Phenol		120.000	J	82	630	ug/Kg
P4568-09	A4EG0	Solid	Pyrene		380.000		94	320	ug/Kg
			Total Svoc :		**4,017.00**				
			Total Concentration:		**4,847.00**				
Client ID :	**A4EH4**								
P4568-10	A4EH4	Solid	(DEL) Alkane: Cyclic7.046	*	270.000	J			
P4568-10	A4EH4	Solid	10,18-Bisnorabieta-5,7,9(10),11,1	*	260.000	J			
P4568-10	A4EH4	Solid	4b,8-Dimethyl-2-isopropylphenan	*	5,900.000	J			
P4568-10	A4EH4	Solid	4H-Cyclopenta[def]phenanthrene	*	96.000	J			
P4568-10	A4EH4	Solid	Benzoic acid	*	120.000	J			
P4568-10	A4EH4	Solid	Benzophenone	*	140.000	J			
P4568-10	A4EH4	Solid	Dehydroabietic acid	*	150.000	J			
P4568-10	A4EH4	Solid	n-Hexadecanoic acid	*	240.000	J			
P4568-10	A4EH4	Solid	p-Cymene	*	160.000	J			
P4568-10	A4EH4	Solid	Total Alkanes	*	270.000		34	240	ug/Kg
			Total Tics :		**7,606.00**				
P4568-10	A4EH4	Solid	Acetophenone		420.000	J	56	460	ug/Kg
P4568-10	A4EH4	Solid	Anthracene		100.000	J	35	240	ug/Kg
P4568-10	A4EH4	Solid	Benzo(a)anthracene		250.000		38	240	ug/Kg
P4568-10	A4EH4	Solid	Benzo(a)pyrene		85.000	J	45	240	ug/Kg
P4568-10	A4EH4	Solid	Benzo(b)fluoranthene		290.000		46	240	ug/Kg
P4568-10	A4EH4	Solid	Benzo(k)fluoranthene		87.000	J	53	240	ug/Kg
P4568-10	A4EH4	Solid	Chrysene		250.000		43	240	ug/Kg
P4568-10	A4EH4	Solid	Fluoranthene		660.000		76	240	ug/Kg
P4568-10	A4EH4	Solid	Indeno(1,2,3-cd)pyrene		66.000	J	43	240	ug/Kg
P4568-10	A4EH4	Solid	Phenanthrene		470.000		41	240	ug/Kg
P4568-10	A4EH4	Solid	Phenol		140.000	J	60	460	ug/Kg

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Hit Summary Sheet
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SDG No.: BP110424

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4568-10	A4EH4	Solid	Pyrene		330.000		69	240	ug/Kg
			Total Svoc :		**3,148.00**				
			Total Concentration:		**10,754.00**				
Client ID :	**A4EK1**								
P4568-11	A4EK1	Solid	Benzophenone	*	270.000	J			
P4568-11	A4EK1	Solid	n-Hexadecanoic acid	*	280.000	J			
P4568-11	A4EK1	Solid	Total Alkanes	*	0.000		38	270	ug/Kg
			Total Tics :		**550.00**				
P4568-11	A4EK1	Solid	Benzo(a)anthracene		81.000	J	43	270	ug/Kg
P4568-11	A4EK1	Solid	Benzo(a)pyrene		74.000	J	51	270	ug/Kg
P4568-11	A4EK1	Solid	Benzo(b)fluoranthene		99.000	J	52	270	ug/Kg
P4568-11	A4EK1	Solid	Chrysene		82.000	J	49	270	ug/Kg
P4568-11	A4EK1	Solid	Fluoranthene		210.000	J	86	270	ug/Kg
P4568-11	A4EK1	Solid	Phenanthrene		140.000	J	46	270	ug/Kg
P4568-11	A4EK1	Solid	Pyrene		180.000	J	78	270	ug/Kg
			Total Svoc :		**866.00**				
			Total Concentration:		**1,416.00**				
Client ID :	**A4EE2**								
P4568-12	A4EE2	Solid	Total Alkanes	*	0.000		29	210	ug/Kg
P4568-12	A4EE2	Solid	Total Alkanes	*	0.000		29	210	ug/Kg
			Total Tics :		**0.00**				
P4568-12	A4EE2	Solid	Acetophenone		240.000	J	49	400	ug/Kg
P4568-12	A4EE2	Solid	Phenol		63.000	J	53	400	ug/Kg
P4568-12	A4EE2	Solid	Acetophenone		270.000	J	49	400	ug/Kg
P4568-12	A4EE2	Solid	Phenol		74.000	J	53	400	ug/Kg
			Total Svoc :		**647.00**				
			Total Concentration:		**647.00**				
Client ID :	**A4EE3**								
P4568-13	A4EE3	Solid	(DEL) Alkane: Straight-Chain23.8	*	180.000	J			
P4568-13	A4EE3	Solid	n-Hexadecanoic acid	*	190.000	J			
P4568-13	A4EE3	Solid	Total Alkanes	*	180.000		41	290	ug/Kg
			Total Tics :		**550.00**				
P4568-13	A4EE3	Solid	Acetophenone		400.000	J	68	560	ug/Kg
P4568-13	A4EE3	Solid	Benzo(a)anthracene		140.000	J	46	290	ug/Kg
P4568-13	A4EE3	Solid	Benzo(b)fluoranthene		180.000	J	56	290	ug/Kg
P4568-13	A4EE3	Solid	Chrysene		150.000	J	53	290	ug/Kg
P4568-13	A4EE3	Solid	Fluoranthene		330.000		92	290	ug/Kg
P4568-13	A4EE3	Solid	Phenanthrene		150.000	J	50	290	ug/Kg
P4568-13	A4EE3	Solid	Phenol		100.000	J	74	560	ug/Kg

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Hit Summary Sheet
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SDG No.: BP110424

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4568-13	A4EE3	Solid	Pyrene		160.000	J	84	290	ug/Kg
			Total Svoc :		**1,610.00**				
			Total Concentration:		**2,160.00**				
Client ID :	**A4EE4**								
P4568-14	A4EE4	Solid	Benzoic acid	*	140.000	J			
P4568-14	A4EE4	Solid	n-Hexadecanoic acid	*	150.000	J			
P4568-14	A4EE4	Solid	Total Alkanes	*	0.000		30	210	ug/Kg
			Total Tics :		**290.00**				
P4568-14	A4EE4	Solid	Acetophenone		410.000		50	410	ug/Kg
P4568-14	A4EE4	Solid	Anthracene		53.000	J	31	210	ug/Kg
P4568-14	A4EE4	Solid	Benzaldehyde		56.000	J	56	410	ug/Kg
P4568-14	A4EE4	Solid	Benzo(a)anthracene		150.000	J	34	210	ug/Kg
P4568-14	A4EE4	Solid	Benzo(a)pyrene		47.000	J	40	210	ug/Kg
P4568-14	A4EE4	Solid	Benzo(b)fluoranthene		160.000	J	41	210	ug/Kg
P4568-14	A4EE4	Solid	Benzo(k)fluoranthene		58.000	J	47	210	ug/Kg
P4568-14	A4EE4	Solid	Chrysene		150.000	J	39	210	ug/Kg
P4568-14	A4EE4	Solid	Fluoranthene		390.000		67	210	ug/Kg
P4568-14	A4EE4	Solid	Phenanthrene		250.000		36	210	ug/Kg
P4568-14	A4EE4	Solid	Phenol		120.000	J	54	410	ug/Kg
P4568-14	A4EE4	Solid	Pyrene		190.000	J	61	210	ug/Kg
			Total Svoc :		**2,034.00**				
			Total Concentration:		**2,324.00**				
Client ID :	**A4EE5**								
P4568-15	A4EE5	Solid	n-Hexadecanoic acid	*	110.000	J			
P4568-15	A4EE5	Solid	Total Alkanes	*	0.000		27	190	ug/Kg
			Total Tics :		**110.00**				
P4568-15	A4EE5	Solid	Acetophenone		200.000	J	45	370	ug/Kg
P4568-15	A4EE5	Solid	Anthracene		45.000	J	28	190	ug/Kg
P4568-15	A4EE5	Solid	Benzo(a)anthracene		150.000	J	31	190	ug/Kg
P4568-15	A4EE5	Solid	Benzo(a)pyrene		45.000	J	36	190	ug/Kg
P4568-15	A4EE5	Solid	Benzo(b)fluoranthene		170.000	J	37	190	ug/Kg
P4568-15	A4EE5	Solid	Benzo(k)fluoranthene		64.000	J	43	190	ug/Kg
P4568-15	A4EE5	Solid	Chrysene		150.000	J	35	190	ug/Kg
P4568-15	A4EE5	Solid	Fluoranthene		390.000		61	190	ug/Kg
P4568-15	A4EE5	Solid	Phenanthrene		230.000		33	190	ug/Kg
P4568-15	A4EE5	Solid	Pyrene		180.000	J	55	190	ug/Kg
			Total Svoc :		**1,624.00**				
			Total Concentration:		**1,734.00**				
Client ID :	**A4EE6**								

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Hit Summary Sheet
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SDG No.: BP110424

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4568-16	A4EE6	Solid	(DEL) Alkane: Straight-Chain23.8	*	350.000	J			
P4568-16	A4EE6	Solid	n-Hexadecanoic acid	*	140.000	J			
P4568-16	A4EE6	Solid	Total Alkanes	*	350.000		51	360	ug/Kg
			Total Tics :		**840.00**				
P4568-16	A4EE6	Solid	Acetophenone		510.000	J	85	700	ug/Kg
P4568-16	A4EE6	Solid	Benzo(a)anthracene		130.000	J	57	360	ug/Kg
P4568-16	A4EE6	Solid	Benzo(b)fluoranthene		160.000	J	70	360	ug/Kg
P4568-16	A4EE6	Solid	Chrysene		150.000	J	66	360	ug/Kg
P4568-16	A4EE6	Solid	Fluoranthene		370.000		110	360	ug/Kg
P4568-16	A4EE6	Solid	Phenanthrene		260.000	J	62	360	ug/Kg
P4568-16	A4EE6	Solid	Phenol		180.000	J	91	700	ug/Kg
P4568-16	A4EE6	Solid	Pyrene		200.000	J	100	360	ug/Kg
			Total Svoc :		**1,960.00**				
			Total Concentration:		**2,800.00**				
Client ID :	**A4EF1**								
P4568-17	A4EF1	Solid	1,1-Biphenyl, 2,2-dichloro-	*	130.000	J			
P4568-17	A4EF1	Solid	1,1-Biphenyl, 2,4-dichloro-	*	100.000	J			
P4568-17	A4EF1	Solid	9,10-Anthracenedione	*	120.000	J			
P4568-17	A4EF1	Solid	Anthracene, 2-methyl-	*	110.000	J			
P4568-17	A4EF1	Solid	Benzophenone	*	130.000	J			
P4568-17	A4EF1	Solid	Naphthalene, 2-phenyl-	*	110.000	J			
P4568-17	A4EF1	Solid	Phenanthrene, 1-methyl-	*	240.000	J			
P4568-17	A4EF1	Solid	Phenanthrene, 2-methyl-	*	200.000	J			
P4568-17	A4EF1	Solid	Pyrene, 1-methyl-	*	110.000	J			
P4568-17	A4EF1	Solid	Total Alkanes	*	0.000		34	240	ug/Kg
			Total Tics :		**1,250.00**				
P4568-17	A4EF1	Solid	Acenaphthene		110.000	J	41	240	ug/Kg
P4568-17	A4EF1	Solid	Acetophenone		290.000	J	57	470	ug/Kg
P4568-17	A4EF1	Solid	Anthracene		250.000		36	240	ug/Kg
P4568-17	A4EF1	Solid	Benzo(a)anthracene		530.000		38	240	ug/Kg
P4568-17	A4EF1	Solid	Benzo(a)pyrene		160.000	J	46	240	ug/Kg
P4568-17	A4EF1	Solid	Benzo(b)fluoranthene		520.000		47	240	ug/Kg
P4568-17	A4EF1	Solid	Benzo(k)fluoranthene		170.000	J	54	240	ug/Kg
P4568-17	A4EF1	Solid	Carbazole		78.000	J	40	470	ug/Kg
P4568-17	A4EF1	Solid	Chrysene		550.000		44	240	ug/Kg
P4568-17	A4EF1	Solid	Dibenzo(a,h)anthracene		75.000	J	40	240	ug/Kg
P4568-17	A4EF1	Solid	Dibenzofuran		80.000	J	46	240	ug/Kg
P4568-17	A4EF1	Solid	Fluoranthene		1,400.000		77	240	ug/Kg
P4568-17	A4EF1	Solid	Fluorene		100.000	J	36	240	ug/Kg
P4568-17	A4EF1	Solid	Indeno(1,2,3-cd)pyrene		110.000	J	44	240	ug/Kg

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Hit Summary Sheet
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SDG No.: BP110424

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4568-17	A4EF1	Solid	Phenanthrene		1,300.000		41	240	ug/Kg
P4568-17	A4EF1	Solid	Phenol		65.000	J	61	470	ug/Kg
P4568-17	A4EF1	Solid	Pyrene		740.000		70	240	ug/Kg
			Total Svoc :		**6,528.00**				
			Total Concentration:		**7,778.00**				
Client ID :	**A4EF2**								
P4568-18	A4EF2	Solid	(DEL) Alkane: Straight-Chain21.1	*	400.000	J			
P4568-18	A4EF2	Solid	(DEL) Alkane: Straight-Chain23.8	*	570.000	J			
P4568-18	A4EF2	Solid	10,18-Bisnorabieta-5,7,9(10),11,1	*	160.000	J			
P4568-18	A4EF2	Solid	4b,8-Dimethyl-2-isopropylphenan	*	120.000	J			
P4568-18	A4EF2	Solid	Benzophenone	*	120.000	J			
P4568-18	A4EF2	Solid	n-Hexadecanoic acid	*	190.000	J			
P4568-18	A4EF2	Solid	Total Alkanes	*	970.000		38	270	ug/Kg
			Total Tics :		**2,530.00**				
P4568-18	A4EF2	Solid	Acetophenone		330.000	J	63	520	ug/Kg
P4568-18	A4EF2	Solid	Anthracene		67.000	J	39	270	ug/Kg
P4568-18	A4EF2	Solid	Benzo(a)anthracene		250.000	J	43	270	ug/Kg
P4568-18	A4EF2	Solid	Benzo(a)pyrene		84.000	J	50	270	ug/Kg
P4568-18	A4EF2	Solid	Benzo(b)fluoranthene		310.000		52	270	ug/Kg
P4568-18	A4EF2	Solid	Benzo(k)fluoranthene		110.000	J	60	270	ug/Kg
P4568-18	A4EF2	Solid	Chrysene		280.000		49	270	ug/Kg
P4568-18	A4EF2	Solid	Fluoranthene		710.000		85	270	ug/Kg
P4568-18	A4EF2	Solid	Indeno(1,2,3-cd)pyrene		68.000	J	49	270	ug/Kg
P4568-18	A4EF2	Solid	Phenanthrene		400.000		46	270	ug/Kg
P4568-18	A4EF2	Solid	Phenol		72.000	J	68	520	ug/Kg
P4568-18	A4EF2	Solid	Pyrene		340.000		77	270	ug/Kg
			Total Svoc :		**3,021.00**				
			Total Concentration:		**5,551.00**				
Client ID :	**A4EF3**								
P4568-19	A4EF3	Solid	Benzophenone	*	200.000	J			
P4568-19	A4EF3	Solid	n-Hexadecanoic acid	*	270.000	J			
P4568-19	A4EF3	Solid	Total Alkanes	*	0.000		39	270	ug/Kg
			Total Tics :		**470.00**				
			Total Concentration:		**470.00**				
Client ID :	**A4EF4**								
P4568-20	A4EF4	Solid	(DEL) Alkane: Straight-Chain21.1	*	110.000	J			
P4568-20	A4EF4	Solid	Benzophenone	*	220.000	J			
P4568-20	A4EF4	Solid	n-Hexadecanoic acid	*	270.000	J			
P4568-20	A4EF4	Solid	Total Alkanes	*	110.000		36	250	ug/Kg

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Hit Summary Sheet
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SDG No.: BP110424

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
			Total Tics :		**710.00**				
			Total Concentration:		**710.00**				
Client ID :	**A4EF7**								
P4568-21	A4EF7	Solid	n-Hexadecanoic acid	*	180.000	J			
P4568-21	A4EF7	Solid	Total Alkanes	*	0.000		34	240	ug/Kg
			Total Tics :		**180.00**				
P4568-21	A4EF7	Solid	Acetophenone		230.000	J	57	470	ug/Kg
P4568-21	A4EF7	Solid	Anthracene		60.000	J	36	240	ug/Kg
P4568-21	A4EF7	Solid	Benzo(a)anthracene		220.000	J	39	240	ug/Kg
P4568-21	A4EF7	Solid	Benzo(a)pyrene		77.000	J	46	240	ug/Kg
P4568-21	A4EF7	Solid	Benzo(b)fluoranthene		270.000		47	240	ug/Kg
P4568-21	A4EF7	Solid	Benzo(k)fluoranthene		90.000	J	55	240	ug/Kg
P4568-21	A4EF7	Solid	Chrysene		250.000		45	240	ug/Kg
P4568-21	A4EF7	Solid	Fluoranthene		510.000		78	240	ug/Kg
P4568-21	A4EF7	Solid	Indeno(1,2,3-cd)pyrene		61.000	J	45	240	ug/Kg
P4568-21	A4EF7	Solid	Phenanthrene		410.000		42	240	ug/Kg
P4568-21	A4EF7	Solid	Pyrene		330.000		70	240	ug/Kg
			Total Svoc :		**2,508.00**				
			Total Concentration:		**2,688.00**				
Client ID :	**A4EC9**								
P4581-01	A4EC9	Solid	(DEL) Alkane: Straight-Chain21.1	*	200.000	J			
P4581-01	A4EC9	Solid	Benzophenone	*	510.000	J			
P4581-01	A4EC9	Solid	n-Hexadecanoic acid	*	430.000	J			
P4581-01	A4EC9	Solid	Octadecanoic acid	*	94.000	J			
P4581-01	A4EC9	Solid	Total Alkanes	*	200.000		29	210	ug/Kg
			Total Tics :		**1,434.00**				
P4581-01	A4EC9	Solid	Benzo(a)anthracene		49.000	J	33	210	ug/Kg
P4581-01	A4EC9	Solid	Benzo(a)pyrene		54.000	J	39	210	ug/Kg
P4581-01	A4EC9	Solid	Benzo(b)fluoranthene		78.000	J	40	210	ug/Kg
P4581-01	A4EC9	Solid	Benzo(g,h,i)perylene		41.000	J	32	210	ug/Kg
P4581-01	A4EC9	Solid	Chrysene		61.000	J	38	210	ug/Kg
P4581-01	A4EC9	Solid	Fluoranthene		130.000	J	66	210	ug/Kg
P4581-01	A4EC9	Solid	Phenanthrene		69.000	J	35	210	ug/Kg
P4581-01	A4EC9	Solid	Pyrene		100.000	J	60	210	ug/Kg
			Total Svoc :		**582.00**				
			Total Concentration:		**2,016.00**				
Client ID :	**A4ED0**								
P4581-04	A4ED0	Solid	Benzophenone	*	140.000	J			
P4581-04	A4ED0	Solid	Phenanthrene, 1-methyl-	*	77.000	J			

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Hit Summary Sheet
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SDG No.: BP110424

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4581-04	A4ED0	Solid	Total Alkanes	*	0.000		28	200	ug/Kg
			Total Tics :		**217.00**				
P4581-04	A4ED0	Solid	Acetophenone		200.000	J	46	380	ug/Kg
P4581-04	A4ED0	Solid	Anthracene		70.000	J	29	200	ug/Kg
P4581-04	A4ED0	Solid	Benzo(a)anthracene		180.000	J	31	200	ug/Kg
P4581-04	A4ED0	Solid	Benzo(a)pyrene		57.000	J	37	200	ug/Kg
P4581-04	A4ED0	Solid	Benzo(b)fluoranthene		220.000		38	200	ug/Kg
P4581-04	A4ED0	Solid	Benzo(k)fluoranthene		76.000	J	44	200	ug/Kg
P4581-04	A4ED0	Solid	Carbazole		46.000	J	32	380	ug/Kg
P4581-04	A4ED0	Solid	Chrysene		200.000		36	200	ug/Kg
P4581-04	A4ED0	Solid	Dibenzofuran		40.000	J	37	200	ug/Kg
P4581-04	A4ED0	Solid	Fluoranthene		530.000		62	200	ug/Kg
P4581-04	A4ED0	Solid	Fluorene		45.000	J	29	200	ug/Kg
P4581-04	A4ED0	Solid	Indeno(1,2,3-cd)pyrene		45.000	J	36	200	ug/Kg
P4581-04	A4ED0	Solid	Naphthalene		53.000	J	29	200	ug/Kg
P4581-04	A4ED0	Solid	Phenanthrene		510.000		34	200	ug/Kg
P4581-04	A4ED0	Solid	Pyrene		240.000		57	200	ug/Kg
			Total Svoc :		**2,512.00**				
			Total Concentration:		**2,729.00**				
Client ID :	**A4ED1**								
P4581-05	A4ED1	Solid	Benzophenone	*	350.000	J			
P4581-05	A4ED1	Solid	n-Hexadecanoic acid	*	250.000	J			
P4581-05	A4ED1	Solid	Total Alkanes	*	0.000		28	200	ug/Kg
			Total Tics :		**600.00**				
P4581-05	A4ED1	Solid	Benzo(b)fluoranthene		46.000	J	39	200	ug/Kg
P4581-05	A4ED1	Solid	Fluoranthene		66.000	J	64	200	ug/Kg
			Total Svoc :		**112.00**				
			Total Concentration:		**712.00**				
Client ID :	**A4ED2**								
P4581-06	A4ED2	Solid	(DEL) Alkane: Straight-Chain21.1	*	85.000	J			
P4581-06	A4ED2	Solid	Benzophenone	*	430.000	J			
P4581-06	A4ED2	Solid	n-Hexadecanoic acid	*	340.000	J			
P4581-06	A4ED2	Solid	Total Alkanes	*	85.000		29	200	ug/Kg
			Total Tics :		**940.00**				
P4581-06	A4ED2	Solid	Benzo(b)fluoranthene		46.000	J	39	200	ug/Kg
P4581-06	A4ED2	Solid	Fluoranthene		83.000	J	64	200	ug/Kg
P4581-06	A4ED2	Solid	Phenanthrene		46.000	J	34	200	ug/Kg
P4581-06	A4ED2	Solid	Pyrene		68.000	J	58	200	ug/Kg
			Total Svoc :		**243.00**				

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Hit Summary Sheet
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SDG No.: BP110424

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
			Total Concentration:		**1,183.00**				
Client ID :	**A4EA8**								
P4581-08	A4EA8	Solid	Benzophenone	*	330.000	J			
P4581-08	A4EA8	Solid	n-Hexadecanoic acid	*	180.000	J			
P4581-08	A4EA8	Solid	Total Alkanes	*	0.000		29	210	ug/Kg
			Total Tics :		**510.00**				
			Total Concentration:		**510.00**				
Client ID :	**A4EC2**								
P4581-09	A4EC2	Solid	Benzophenone	*	210.000	J			
P4581-09	A4EC2	Solid	n-Hexadecanoic acid	*	260.000	J			
P4581-09	A4EC2	Solid	Total Alkanes	*	0.000		28	200	ug/Kg
			Total Tics :		**470.00**				
P4581-09	A4EC2	Solid	Fluoranthene		65.000	J	64	200	ug/Kg
P4581-09	A4EC2	Solid	Phenanthrene		43.000	J	34	200	ug/Kg
P4581-09	A4EC2	Solid	Pyrene		59.000	J	58	200	ug/Kg
			Total Svoc :		**167.00**				
			Total Concentration:		**637.00**				
Client ID :	**A4EC4**								
P4581-10	A4EC4	Solid	Benzophenone	*	180.000	J			
P4581-10	A4EC4	Solid	n-Hexadecanoic acid	*	160.000	J			
P4581-10	A4EC4	Solid	Total Alkanes	*	0.000		30	210	ug/Kg
			Total Tics :		**340.00**				
P4581-10	A4EC4	Solid	Acetophenone		180.000	J	50	410	ug/Kg
P4581-10	A4EC4	Solid	Benzo(a)anthracene		61.000	J	34	210	ug/Kg
P4581-10	A4EC4	Solid	Benzo(b)fluoranthene		81.000	J	41	210	ug/Kg
P4581-10	A4EC4	Solid	Chrysene		71.000	J	39	210	ug/Kg
P4581-10	A4EC4	Solid	Fluoranthene		190.000	J	67	210	ug/Kg
P4581-10	A4EC4	Solid	Phenanthrene		150.000	J	36	210	ug/Kg
P4581-10	A4EC4	Solid	Pyrene		94.000	J	61	210	ug/Kg
			Total Svoc :		**827.00**				
			Total Concentration:		**1,167.00**				
Client ID :	**A4EC6**								
P4581-11	A4EC6	Solid	Benzophenone	*	340.000	J			
P4581-11	A4EC6	Solid	n-Hexadecanoic acid	*	200.000	J			
P4581-11	A4EC6	Solid	Total Alkanes	*	0.000		28	200	ug/Kg
			Total Tics :		**540.00**				
			Total Concentration:		**540.00**				
Client ID :	**A4EC7**								

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Hit Summary Sheet
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SDG No.: BP110424

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4581-12	A4EC7	Solid	Benzophenone	*	120.000	J			
P4581-12	A4EC7	Solid	n-Hexadecanoic acid	*	91.000	J			
P4581-12	A4EC7	Solid	Total Alkanes	*	0.000		28	200	ug/Kg
			Total Tics :		**211.00**				
P4581-12	A4EC7	Solid	Acetophenone		220.000	J	47	390	ug/Kg
P4581-12	A4EC7	Solid	Benzo(a)anthracene		81.000	J	32	200	ug/Kg
P4581-12	A4EC7	Solid	Benzo(b)fluoranthene		85.000	J	39	200	ug/Kg
P4581-12	A4EC7	Solid	Chrysene		81.000	J	36	200	ug/Kg
P4581-12	A4EC7	Solid	Fluoranthene		180.000	J	63	200	ug/Kg
P4581-12	A4EC7	Solid	Phenanthrene		140.000	J	34	200	ug/Kg
P4581-12	A4EC7	Solid	Phenol		52.000	J	51	390	ug/Kg
P4581-12	A4EC7	Solid	Pyrene		79.000	J	58	200	ug/Kg
			Total Svoc :		**918.00**				
			Total Concentration:		**1,129.00**				
Client ID :	**A4ED3**								
P4581-13	A4ED3	Solid	Benzophenone	*	310.000	J			
P4581-13	A4ED3	Solid	n-Hexadecanoic acid	*	430.000	J			
P4581-13	A4ED3	Solid	Total Alkanes	*	0.000		31	220	ug/Kg
			Total Tics :		**740.00**				
P4581-13	A4ED3	Solid	Anthracene		63.000	J	32	220	ug/Kg
P4581-13	A4ED3	Solid	Benzo(a)anthracene		180.000	J	35	220	ug/Kg
P4581-13	A4ED3	Solid	Benzo(a)pyrene		180.000	J	41	220	ug/Kg
P4581-13	A4ED3	Solid	Benzo(b)fluoranthene		230.000		43	220	ug/Kg
P4581-13	A4ED3	Solid	Benzo(g,h,i)perylene		120.000	J	34	220	ug/Kg
P4581-13	A4ED3	Solid	Benzo(k)fluoranthene		75.000	J	49	220	ug/Kg
P4581-13	A4ED3	Solid	Chrysene		190.000	J	40	220	ug/Kg
P4581-13	A4ED3	Solid	Fluoranthene		460.000		70	220	ug/Kg
P4581-13	A4ED3	Solid	Indeno(1,2,3-cd)pyrene		89.000	J	40	220	ug/Kg
P4581-13	A4ED3	Solid	Phenanthrene		310.000		37	220	ug/Kg
P4581-13	A4ED3	Solid	Pyrene		390.000		63	220	ug/Kg
			Total Svoc :		**2,287.00**				
			Total Concentration:		**3,027.00**				
Client ID :	**A4ED5**								
P4581-14	A4ED5	Solid	11H-Benzo[b]fluorene	*	110.000	J			
P4581-14	A4ED5	Solid	1H-Indene, 2-phenyl-	*	140.000	J			
P4581-14	A4ED5	Solid	Anthracene, 1-methyl-	*	240.000	J			
P4581-14	A4ED5	Solid	Benzo[j]fluoranthene	*	110.000	J			
P4581-14	A4ED5	Solid	Benzophenone	*	330.000	J			
P4581-14	A4ED5	Solid	di-p-Tolylacetylene	*	140.000	J			
P4581-14	A4ED5	Solid	n-Hexadecanoic acid	*	250.000	J			

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Hit Summary Sheet
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SDG No.: BP110424

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4581-14	A4ED5	Solid	Phenanthrene, 2-methyl-	*	210.000	J			
P4581-14	A4ED5	Solid	Pyrene, 1-methyl-	*	81.000	J			
P4581-14	A4ED5	Solid	Total Alkanes	*	0.000		28	200	ug/Kg
			Total Tics :		**1,611.00**				
P4581-14	A4ED5	Solid	Acenaphthene		91.000	J	34	200	ug/Kg
P4581-14	A4ED5	Solid	Anthracene		140.000	J	29	200	ug/Kg
P4581-14	A4ED5	Solid	Benzo(a)anthracene		290.000		32	200	ug/Kg
P4581-14	A4ED5	Solid	Benzo(a)pyrene		260.000		38	200	ug/Kg
P4581-14	A4ED5	Solid	Benzo(b)fluoranthene		280.000		39	200	ug/Kg
P4581-14	A4ED5	Solid	Benzo(g,h,i)perylene		150.000	J	31	200	ug/Kg
P4581-14	A4ED5	Solid	Benzo(k)fluoranthene		85.000	J	45	200	ug/Kg
P4581-14	A4ED5	Solid	Chrysene		320.000		37	200	ug/Kg
P4581-14	A4ED5	Solid	Fluoranthene		690.000		64	200	ug/Kg
P4581-14	A4ED5	Solid	Fluorene		84.000	J	29	200	ug/Kg
P4581-14	A4ED5	Solid	Indeno(1,2,3-cd)pyrene		110.000	J	37	200	ug/Kg
P4581-14	A4ED5	Solid	Phenanthrene		820.000		34	200	ug/Kg
P4581-14	A4ED5	Solid	Pyrene		770.000		58	200	ug/Kg
			Total Svoc :		**4,090.00**				
			Total Concentration:		**5,701.00**				
Client ID :	**A4ED6**								
P4581-15	A4ED6	Solid	Benzophenone	*	280.000	J			
P4581-15	A4ED6	Solid	n-Hexadecanoic acid	*	220.000	J			
P4581-15	A4ED6	Solid	Total Alkanes	*	0.000		26	180	ug/Kg
			Total Tics :		**500.00**				
			Total Concentration:		**500.00**				
Client ID :	**A4ED7**								
P4581-16	A4ED7	Solid	(DEL) Alkane: Straight-Chain21.1	*	97.000	J			
P4581-16	A4ED7	Solid	Benzophenone	*	140.000	J			
P4581-16	A4ED7	Solid	n-Hexadecanoic acid	*	290.000	J			
P4581-16	A4ED7	Solid	Octadecanoic acid	*	110.000	J			
P4581-16	A4ED7	Solid	Total Alkanes	*	97.000		30	210	ug/Kg
			Total Tics :		**734.00**				
			Total Concentration:		**734.00**				
Client ID :	**A4EA9**								
P4581-19	A4EA9	Solid	9,10-Anthracenedione	*	120.000	J			
P4581-19	A4EA9	Solid	Anthracene, 9-methyl-	*	160.000	J			
P4581-19	A4EA9	Solid	Fluoranthene, 2-methyl-	*	80.000	J			
P4581-19	A4EA9	Solid	Phenanthrene, 1-methyl-	*	170.000	J			
P4581-19	A4EA9	Solid	Total Alkanes	*	0.000		29	200	ug/Kg

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Hit Summary Sheet
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SDG No.: BP110424

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4581-19	A4EA9	Solid	11H-Benzo[a]fluorene	*	86.000	J			
P4581-19	A4EA9	Solid	1H-Indene, 2-phenyl-	*	230.000	J			
P4581-19	A4EA9	Solid	9,10-Anthracenedione	*	120.000	J			
P4581-19	A4EA9	Solid	Benz[c]acridine	*	86.000	J			
P4581-19	A4EA9	Solid	Benzophenone	*	82.000	J			
P4581-19	A4EA9	Solid	Phenanthrene, 1-methyl-	*	110.000	J			
P4581-19	A4EA9	Solid	Total Alkanes	*	0.000		29	200	ug/Kg
			Total Tics :		**1,244.00**				
P4581-19	A4EA9	Solid	Acenaphthene		110.000	J	35	200	ug/Kg
P4581-19	A4EA9	Solid	Acetophenone		270.000	J	48	390	ug/Kg
P4581-19	A4EA9	Solid	Anthracene		160.000	J	30	200	ug/Kg
P4581-19	A4EA9	Solid	Benzo(a)anthracene		380.000		32	200	ug/Kg
P4581-19	A4EA9	Solid	Benzo(a)pyrene		110.000	J	38	200	ug/Kg
P4581-19	A4EA9	Solid	Benzo(b)fluoranthene		390.000		39	200	ug/Kg
P4581-19	A4EA9	Solid	Benzo(k)fluoranthene		170.000	J	45	200	ug/Kg
P4581-19	A4EA9	Solid	Carbazole		87.000	J	33	390	ug/Kg
P4581-19	A4EA9	Solid	Chrysene		390.000		37	200	ug/Kg
P4581-19	A4EA9	Solid	Dibenzo(a,h)anthracene		56.000	J	33	200	ug/Kg
P4581-19	A4EA9	Solid	Dibenzofuran		83.000	J	38	200	ug/Kg
P4581-19	A4EA9	Solid	Fluoranthene		1,100.000		64	200	ug/Kg
P4581-19	A4EA9	Solid	Fluorene		120.000	J	30	200	ug/Kg
P4581-19	A4EA9	Solid	Indeno(1,2,3-cd)pyrene		80.000	J	37	200	ug/Kg
P4581-19	A4EA9	Solid	Naphthalene		65.000	J	30	200	ug/Kg
P4581-19	A4EA9	Solid	Phenanthrene		1,000.000		35	200	ug/Kg
P4581-19	A4EA9	Solid	Phenol		65.000	J	51	390	ug/Kg
P4581-19	A4EA9	Solid	Pyrene		450.000		58	200	ug/Kg
P4581-19	A4EA9	Solid	Acenaphthene		120.000	J	35	200	ug/Kg
P4581-19	A4EA9	Solid	Acetophenone		290.000	J	48	390	ug/Kg
P4581-19	A4EA9	Solid	Anthracene		170.000	J	30	200	ug/Kg
P4581-19	A4EA9	Solid	Benzo(a)anthracene		400.000		32	200	ug/Kg
P4581-19	A4EA9	Solid	Benzo(a)pyrene		120.000	J	38	200	ug/Kg
P4581-19	A4EA9	Solid	Benzo(b)fluoranthene		450.000		39	200	ug/Kg
P4581-19	A4EA9	Solid	Benzo(k)fluoranthene		170.000	J	45	200	ug/Kg
P4581-19	A4EA9	Solid	Carbazole		94.000	J	33	390	ug/Kg
P4581-19	A4EA9	Solid	Chrysene		400.000		37	200	ug/Kg
P4581-19	A4EA9	Solid	Dibenzo(a,h)anthracene		61.000	J	33	200	ug/Kg
P4581-19	A4EA9	Solid	Dibenzofuran		93.000	J	38	200	ug/Kg
P4581-19	A4EA9	Solid	Fluoranthene		1,200.000		64	200	ug/Kg
P4581-19	A4EA9	Solid	Fluorene		130.000	J	30	200	ug/Kg
P4581-19	A4EA9	Solid	Indeno(1,2,3-cd)pyrene		91.000	J	37	200	ug/Kg

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Hit Summary Sheet
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SDG No.: BP110424

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4581-19	A4EA9	Solid	Naphthalene		73.000	J	30	200	ug/Kg
P4581-19	A4EA9	Solid	Phenanthrene		1,100.000		35	200	ug/Kg
P4581-19	A4EA9	Solid	Phenol		67.000	J	51	390	ug/Kg
P4581-19	A4EA9	Solid	Pyrene		490.000		58	200	ug/Kg
			Total Svoc :		**10,605.00**				
			Total Concentration:		**11,849.00**				
Client ID :	**A4EB1**								
P4581-20	A4EB1	Solid	n-Hexadecanoic acid	*	87.000	J			
P4581-20	A4EB1	Solid	Total Alkanes	*	0.000		27	190	ug/Kg
			Total Tics :		**87.00**				
P4581-20	A4EB1	Solid	Acetophenone		160.000	J	45	370	ug/Kg
			Total Svoc :		**160.00**				
			Total Concentration:		**247.00**				
Client ID :	**A4EB2**								
P4581-21	A4EB2	Solid	n-Hexadecanoic acid	*	120.000	J			
P4581-21	A4EB2	Solid	Total Alkanes	*	0.000		29	210	ug/Kg
			Total Tics :		**120.00**				
P4581-21	A4EB2	Solid	Acetophenone		200.000	J	49	400	ug/Kg
P4581-21	A4EB2	Solid	Fluoranthene		69.000	J	66	210	ug/Kg
			Total Svoc :		**269.00**				
			Total Concentration:		**389.00**				
Client ID :	**A4EB4**								
P4581-22	A4EB4	Solid	Total Alkanes	*	0.000		29	210	ug/Kg
			Total Tics :		**0.00**				
P4581-22	A4EB4	Solid	Acetophenone		180.000	J	48	400	ug/Kg
			Total Svoc :		**180.00**				
			Total Concentration:		**180.00**				
Client ID :	**A4EB5**								
P4581-23	A4EB5	Solid	n-Hexadecanoic acid	*	170.000	J			
P4581-23	A4EB5	Solid	Total Alkanes	*	0.000		29	200	ug/Kg
			Total Tics :		**170.00**				
P4581-23	A4EB5	Solid	Acetophenone		210.000	J	48	400	ug/Kg
P4581-23	A4EB5	Solid	Benzo(a)anthracene		81.000	J	32	200	ug/Kg
P4581-23	A4EB5	Solid	Benzo(b)fluoranthene		110.000	J	40	200	ug/Kg
P4581-23	A4EB5	Solid	Chrysene		91.000	J	37	200	ug/Kg
P4581-23	A4EB5	Solid	Fluoranthene		230.000		65	200	ug/Kg
P4581-23	A4EB5	Solid	Phenanthrene		130.000	J	35	200	ug/Kg
P4581-23	A4EB5	Solid	Phenol		52.000	J	52	400	ug/Kg
P4581-23	A4EB5	Solid	Pyrene		110.000	J	59	200	ug/Kg

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Hit Summary Sheet
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Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
			Total Svoc :		**1,014.00**				
			Total Concentration:		**1,184.00**				
Client ID :	**A4EB7**								
P4581-24	A4EB7	Solid	Benzophenone	*	170.000	J			
P4581-24	A4EB7	Solid	n-Hexadecanoic acid	*	330.000	J			
P4581-24	A4EB7	Solid	Octadecanoic acid	*	94.000	J			
P4581-24	A4EB7	Solid	Total Alkanes	*	0.000		28	200	ug/Kg
			Total Tics :		**594.00**				
P4581-24	A4EB7	Solid	Benzo(a)anthracene		79.000	J	31	200	ug/Kg
P4581-24	A4EB7	Solid	Benzo(a)pyrene		76.000	J	37	200	ug/Kg
P4581-24	A4EB7	Solid	Benzo(b)fluoranthene		99.000	J	38	200	ug/Kg
P4581-24	A4EB7	Solid	Benzo(g,h,i)perylene		52.000	J	30	200	ug/Kg
P4581-24	A4EB7	Solid	Chrysene		88.000	J	36	200	ug/Kg
P4581-24	A4EB7	Solid	Fluoranthene		180.000	J	62	200	ug/Kg
P4581-24	A4EB7	Solid	Indeno(1,2,3-cd)pyrene		40.000	J	36	200	ug/Kg
P4581-24	A4EB7	Solid	Phenanthrene		170.000	J	33	200	ug/Kg
P4581-24	A4EB7	Solid	Pyrene		170.000	J	57	200	ug/Kg
			Total Svoc :		**954.00**				
			Total Concentration:		**1,548.00**				
Client ID :	**BH6M7**								
P4622-01	BH6M7	Solid	13-Docosenamide, (Z)-	*	270.000	J			
P4622-01	BH6M7	Solid	Benzophenone	*	160.000	J			
P4622-01	BH6M7	Solid	Total Alkanes	*	0.000		25	180	ug/Kg
			Total Tics :		**430.00**				
			Total Concentration:		**430.00**				
Client ID :	**BH6M8**								
P4622-02	BH6M8	Solid	Benzophenone	*	190.000	J			
P4622-02	BH6M8	Solid	n-Hexadecanoic acid	*	86.000	J			
P4622-02	BH6M8	Solid	Total Alkanes	*	0.000		25	180	ug/Kg
			Total Tics :		**276.00**				
			Total Concentration:		**276.00**				
Client ID :	**BH6M9**								
P4622-03	BH6M9	Solid	Benzophenone	*	190.000	J			
P4622-03	BH6M9	Solid	n-Hexadecanoic acid	*	91.000	J			
P4622-03	BH6M9	Solid	Total Alkanes	*	0.000		25	180	ug/Kg
			Total Tics :		**281.00**				
			Total Concentration:		**281.00**				
Client ID :	**BH6N0**								

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SDG No.: BP110424

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4622-04	BH6N0	Solid	(DEL) Alkane: Straight-Chain21.1	*	81.000	J			
P4622-04	BH6N0	Solid	Benzophenone	*	160.000	J			
P4622-04	BH6N0	Solid	Total Alkanes	*	81.000		25	180	ug/Kg
			Total Tics :		**322.00**				
			Total Concentration:		**322.00**				
Client ID :	**BH6N1**								
P4622-05	BH6N1	Solid	Benzophenone	*	160.000	J			
P4622-05	BH6N1	Solid	n-Hexadecanoic acid	*	77.000	J			
P4622-05	BH6N1	Solid	Total Alkanes	*	0.000		25	180	ug/Kg
			Total Tics :		**237.00**				
			Total Concentration:		**237.00**				
Client ID :	**BH6N2**								
P4622-06	BH6N2	Solid	(DEL) Alkane: Straight-Chain21.1	*	120.000	J			
P4622-06	BH6N2	Solid	Benzophenone	*	210.000	J			
P4622-06	BH6N2	Solid	n-Hexadecanoic acid	*	110.000	J			
P4622-06	BH6N2	Solid	Total Alkanes	*	120.000		25	180	ug/Kg
			Total Tics :		**560.00**				
			Total Concentration:		**560.00**				
Client ID :	**BH6N3**								
P4622-07	BH6N3	Solid	(DEL) Alkane: Straight-Chain21.1	*	110.000	J			
P4622-07	BH6N3	Solid	Benzophenone	*	150.000	J			
P4622-07	BH6N3	Solid	Total Alkanes	*	110.000		26	180	ug/Kg
			Total Tics :		**370.00**				
			Total Concentration:		**370.00**				
Client ID :	**BH6N4**								
P4622-08	BH6N4	Solid	(DEL) Alkane: Straight-Chain21.1	*	95.000	J			
P4622-08	BH6N4	Solid	Benzophenone	*	140.000	J			
P4622-08	BH6N4	Solid	Total Alkanes	*	95.000		25	180	ug/Kg
			Total Tics :		**330.00**				
			Total Concentration:		**330.00**				
Client ID :	**BH6N5**								
P4622-09	BH6N5	Solid	Benzophenone	*	160.000	J			
P4622-09	BH6N5	Solid	Total Alkanes	*	0.000		26	180	ug/Kg
			Total Tics :		**160.00**				
			Total Concentration:		**160.00**				
Client ID :	**BH6N6**								
P4622-10	BH6N6	Solid	Benzophenone	*	150.000	J			
P4622-10	BH6N6	Solid	Total Alkanes	*	0.000		26	180	ug/Kg

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Hit Summary Sheet
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Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
			Total Tics :		**150.00**				
			Total Concentration:		**150.00**				
Client ID :	**BH6N7**								
P4622-13	BH6N7	Solid	Benzophenone	*	120.000	J			
P4622-13	BH6N7	Solid	Total Alkanes	*	0.000		25	180	ug/Kg
			Total Tics :		**120.00**				
			Total Concentration:		**120.00**				
Client ID :	**BH8M6**								
P4622-14	BH8M6	Solid	Benzophenone	*	170.000	J			
P4622-14	BH8M6	Solid	n-Hexadecanoic acid	*	100.000	J			
P4622-14	BH8M6	Solid	Total Alkanes	*	0.000		25	180	ug/Kg
			Total Tics :		**270.00**				
			Total Concentration:		**270.00**				
Client ID :	**C0AB6**								
P4625-11	C0AB6	Water	1-Phenyl-1-butene	*	9.200	J			
P4625-11	C0AB6	Water	1H-Indene, 2,3-dihydro-5-methyl-	*	3.300	J			
P4625-11	C0AB6	Water	Benzene, 1,2,3-trimethyl-	*	6.100	J			
P4625-11	C0AB6	Water	Benzene, 2-butenyl-	*	2.800	J			
P4625-11	C0AB6	Water	Benzo[b]thiophene, 2,3-dihydro-	*	3.700	J			
P4625-11	C0AB6	Water	Benzo[b]thiophene, 2-methyl-	*	2.700	J			
P4625-11	C0AB6	Water	Benzofuran, 2-methyl-	*	4.600	J			
P4625-11	C0AB6	Water	Benzofuran, 7-methyl-	*	6.800	J			
P4625-11	C0AB6	Water	Benzophenone	*	2.300	J			
P4625-11	C0AB6	Water	Cinnamaldehyde, (E)-	*	3.500	J			
P4625-11	C0AB6	Water	Indane	*	100.000	J			
P4625-11	C0AB6	Water	Total Alkanes	*	0.000		1.1	5.1	ug/L
			Total Tics :		**145.00**				
P4625-11	C0AB6	Water	1,4-Dioxane		1.100	J	0.35	2	ug/L
P4625-11	C0AB6	Water	1-Methylnaphthalene		8.600		0.92	5.1	ug/L
P4625-11	C0AB6	Water	2-Methylnaphthalene		5.000	J	1.1	5.1	ug/L
P4625-11	C0AB6	Water	Acenaphthene		16.000		0.97	5.1	ug/L
P4625-11	C0AB6	Water	Carbazole		4.400	J	1.1	10	ug/L
P4625-11	C0AB6	Water	Fluorene		4.500	J	0.95	5.1	ug/L
P4625-11	C0AB6	Water	Naphthalene		100.000	E	0.95	5.1	ug/L
			Total Svoc :		**139.60**				
			Total Concentration:		**284.60**				
Client ID :	**C0AB6DL**								
P4625-11DL	C0AB6DL	Water	3-Phenylbut-1-ene	*	9.700	JD			
P4625-11DL	C0AB6DL	Water	Benzene, 1,2,3-trimethyl-	*	6.100	JD			

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Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P4625-11DL	C0AB6DL	Water	Benzofuran, 2-methyl-	*	4.400	JD			
P4625-11DL	C0AB6DL	Water	Benzofuran, 7-methyl-	*	7.100	JD			
P4625-11DL	C0AB6DL	Water	Cinnamaldehyde, (E)-	*	4.200	JD			
P4625-11DL	C0AB6DL	Water	Indane	*	100.000	JD			
P4625-11DL	C0AB6DL	Water	Total Alkanes	*	0.000	D	2.2	10	ug/L
			Total Tics :		**131.50**				
P4625-11DL	C0AB6DL	Water	1-Methylnaphthalene		8.600	JD	1.8	10	ug/L
P4625-11DL	C0AB6DL	Water	2-Methylnaphthalene		4.800	JD	2.2	10	ug/L
P4625-11DL	C0AB6DL	Water	Acenaphthene		15.000	D	1.9	10	ug/L
P4625-11DL	C0AB6DL	Water	Carbazole		4.100	JD	2.2	20	ug/L
P4625-11DL	C0AB6DL	Water	Fluorene		4.400	JD	1.9	10	ug/L
P4625-11DL	C0AB6DL	Water	Naphthalene		100.000	D	1.9	10	ug/L
			Total Svoc :		**136.90**				
			Total Concentration:		**268.40**				
Client ID :	**C0CP6**								
P4644-12	C0CP6	Water	Ethanol, 2-(2-butoxyethoxy)-	*	2.300	J			
P4644-12	C0CP6	Water	n-Hexadecanoic acid	*	3.700	J			
P4644-12	C0CP6	Water	Total Alkanes	*	0.000		1.1	5	ug/L
			Total Tics :		**6.00**				
			Total Concentration:		**6.00**				
Client ID :	**C0CC0**								
P4644-13	C0CC0	Water	Total Alkanes	*	0.000		1.1	5	ug/L
			Total Tics :		**0.00**				
			Total Concentration:		**0.00**				
Client ID :	**C0CC9**								
P4644-14	C0CC9	Water	Total Alkanes	*	0.000		1.1	5	ug/L
			Total Tics :		**0.00**				
			Total Concentration:		**0.00**				
Client ID :	**C0SY1**								
P4670-01	C0SY1	Water	Benzene, 1-chloro-2-nitro-	*	5.000	J			
P4670-01	C0SY1	Water	Benzene, 1-chloro-3-nitro-	*	20.000	J			
P4670-01	C0SY1	Water	Total Alkanes	*	0.000		1.1	5	ug/L
			Total Tics :		**25.00**				
P4670-01	C0SY1	Water	1,2,3,4-Tetrachlorobenzene		5.200		1.7	5	ug/L
P4670-01	C0SY1	Water	2-Chlorophenol		2.000	J	0.91	5	ug/L
P4670-01	C0SY1	Water	2-Nitrophenol		1.600	J	1.2	5	ug/L
P4670-01	C0SY1	Water	Nitrobenzene		35.000		1.4	5	ug/L
			Total Svoc :		**43.80**				

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Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
			Total Concentration:				**68.80**		
Client ID :	**C0SY3**								
P4670-02	C0SY3	Water	Total Alkanes	*	0.000		1.1	5	ug/L
			Total Tics :				**0.00**		
P4670-02	C0SY3	Water	Nitrobenzene		2.600	J	1.4	5	ug/L
			Total Svoc :				**2.60**		
			Total Concentration:				**2.60**		
Client ID :	**C0SY4**								
P4670-03	C0SY4	Water	Total Alkanes	*	0.000		1.1	5.1	ug/L
			Total Tics :				**0.00**		
P4670-03	C0SY4	Water	Nitrobenzene		3.000	J	1.4	5.1	ug/L
			Total Svoc :				**3.00**		
			Total Concentration:				**3.00**		
Client ID :	**C0SY5**								
P4670-04	C0SY5	Water	1,6,11,16,21,26-Hexaoxacyclotria	*	4.000	J			
P4670-04	C0SY5	Water	1,6,11-Trioxacyclopentadecane	*	6.100	J			
P4670-04	C0SY5	Water	Benzene, 1-bromo-2-chloro-	*	5.600	J			
P4670-04	C0SY5	Water	Benzene, 1-bromo-4-chloro-	*	9.900	J			
P4670-04	C0SY5	Water	Benzene, 1-chloro-3-nitro-	*	21.000	J			
P4670-04	C0SY5	Water	n-Hexadecanoic acid	*	5.700	J			
P4670-04	C0SY5	Water	Octadecanoic acid	*	5.900	J			
P4670-04	C0SY5	Water	Total Alkanes	*	0.000		1.1	5.1	ug/L
			Total Tics :				**58.20**		
P4670-04	C0SY5	Water	1,2,3,4-Tetrachlorobenzene		73.000		1.7	5.1	ug/L
P4670-04	C0SY5	Water	1,2,4,5-Tetrachlorobenzene		30.000		1.4	5.1	ug/L
P4670-04	C0SY5	Water	2-Chlorophenol		2.600	J	0.93	5.1	ug/L
P4670-04	C0SY5	Water	2-Nitrophenol		2.700	J	1.2	5.1	ug/L
P4670-04	C0SY5	Water	Nitrobenzene		45.000		1.4	5.1	ug/L
P4670-04	C0SY5	Water	Pentachlorobenzene		2.000	J	1.7	5.1	ug/L
P4670-04	C0SY5	Water	Phenol		3.500	J	1.6	10	ug/L
			Total Svoc :				**158.80**		
			Total Concentration:				**217.00**		
Client ID :	**C0AB0**								
P4671-01	C0AB0	Water	Total Alkanes	*	0.000		1.1	5	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		
Client ID :	**C0AB1**								
P4671-02	C0AB1	Water	Total Alkanes	*	0.000		1.1	5	ug/L
			Total Tics :				**0.00**		

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Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:			**0.00**		
Client ID : C0AB2								
P4671-03	C0AB2	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :			**0.00**		
			Total Concentration:			**0.00**		

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP100724 SAS No.: BP100724 SDG No.: BP100724

Instrument ID: Calibration Date(s): 10/7/2024

Calibration Time(s): 16:41

LAB FILE ID: RRFAL1 = BP022257.D RRFAL2 = BP022258.D RRFAL3 = BP022259.D
RRFAL4 = BP022260.D RRFAL5 = BP022261.D RRFAL6 = BP022262.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.554	0.573	0.557	0.571	0.511		0.553	4.6
Benzaldehyde		1.063	0.934	1.100	0.803	0.648	0.910	20.6
Pyridine		1.509	1.423	1.491	1.444	1.376	1.449	3.7
Hexachloroethane	0.552	0.620	0.554	0.575	0.576		0.575	4.8
Nitrobenzene	0.435	0.489	0.451	0.461	0.458		0.459	4.3
Isophorone	0.741	0.864	0.808	0.851	0.851		0.823	6.1
2-Nitrophenol	0.163	0.200	0.186	0.206	0.205		0.192	9.5
2,4-Dimethylphenol	0.376	0.447	0.402	0.422	0.439		0.417	6.9
Bis(2-Chloroethoxy)methane	0.426	0.500	0.460	0.473	0.477		0.467	5.9
2,4-Dichlorophenol	0.330	0.391	0.357	0.391	0.394		0.373	7.5
Naphthalene	1.002	1.150	1.035	1.076	1.062		1.065	5.2
4-Chloroaniline		0.454	0.413	0.455	0.461	0.424	0.441	4.9
Hexachlorobutadiene	0.312	0.350	0.301	0.310	0.297		0.314	6.6
Phenol		1.718	1.601	1.771	1.863	1.805	1.752	5.7
Caprolactam		0.113	0.108	0.128	0.127	0.124	0.120	7.5
4-Chloro-3-methylphenol	0.341	0.419	0.389	0.447	0.438		0.407	10.6
1-Methylnaphthalene	0.717	0.835	0.777	0.846	0.816		0.798	6.6
2-Methylnaphthalene	0.721	0.818	0.742	0.832	0.798		0.782	6.2
Hexachlorocyclopentadiene		0.469	0.444	0.446	0.438	0.455	0.451	2.7
2,4,6-Trichlorophenol	0.418	0.496	0.446	0.472	0.494		0.465	7.1
2,4,5-Trichlorophenol	0.441	0.509	0.477	0.513	0.537		0.495	7.5
1,1-Biphenyl	1.362	1.601	1.393	1.423	1.429		1.442	6.5
2-Chloronaphthalene	1.099	1.289	1.163	1.167	1.182		1.180	5.8
2-Nitroaniline	0.322	0.354	0.338	0.374	0.373		0.352	6.4
Bis(2-Chloroethyl)ether		1.301	1.281	1.331	1.357	1.285	1.311	2.5
Dimethylphthalate	1.477	1.717	1.563	1.575	1.584		1.583	5.4
2,6-Dinitrotoluene	0.238	0.304	0.295	0.321	0.340		0.299	12.9
Acenaphthylene	1.581	1.845	1.795	1.784	1.754		1.752	5.8
3-Nitroaniline		0.275	0.263	0.301	0.281	0.286	0.281	5.0
Acenaphthene	1.196	1.338	1.187	1.227	1.246		1.239	4.9
2,4-Dinitrophenol		0.183	0.187	0.225	0.239	0.268	0.220	16.3
4-Nitrophenol		0.291	0.283	0.305	0.306	0.295	0.296	3.2
Dibenzofuran	1.754	2.038	1.799	1.853	1.859		1.861	5.8
2,4-Dinitrotoluene	0.365	0.496	0.456	0.498	0.511		0.465	12.8
Diethylphthalate	1.395	1.607	1.506	1.545	1.542		1.519	5.1
2-Chlorophenol	1.143	1.264	1.197	1.270	1.302		1.235	5.2

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP100724 SAS No.: BP100724 SDG No.: BP100724

Instrument ID: Calibration Date(s): 10/7/2024

Calibration Time(s): 16:41

LAB FILE ID: RRFAL1 = BP022257.D RRFAL2 = BP022258.D RRFAL3 = BP022259.D
RRFAL4 = BP022260.D RRFAL5 = BP022261.D RRFAL6 = BP022262.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.430	1.629	1.503	1.510	1.508		1.516	4.7
4-Chlorophenyl-phenylether	0.834	0.928	0.847	0.856	0.869		0.867	4.2
4-Nitroaniline		0.291	0.280	0.315	0.277	0.252	0.283	8.1
4,6-Dinitro-2-methylphenol		0.135	0.130	0.147	0.148	0.149	0.142	6.1
N-Nitrosodiphenylamine	0.504	0.584	0.518	0.535	0.537		0.536	5.7
1,2,4,5-Tetrachlorobenzene	0.708	0.818	0.706	0.729	0.737		0.740	6.2
4-Bromophenyl-phenylether	0.228	0.259	0.241	0.237	0.241		0.241	4.7
Hexachlorobenzene	0.291	0.322	0.287	0.286	0.298		0.297	5.0
Atrazine		0.256	0.201	0.233	0.238	0.184	0.223	13.1
Pentachlorophenol		0.181	0.170	0.192	0.205	0.206	0.191	8.1
2-Methylphenol		1.202	1.182	1.293	1.366	1.312	1.271	6.1
Phenanthrene	1.022	1.152	1.059	1.056	1.061		1.070	4.5
Pentachlorobenzene	0.340	0.375	0.313	0.327	0.329		0.337	7.0
Anthracene	0.990	1.135	1.068	1.071	1.075		1.068	4.8
1,2,3,4-Tetrachlorobenzene	0.300	0.339	0.282	0.299	0.303		0.305	6.8
Carbazole		1.008	0.931	0.959	0.933	0.893	0.945	4.5
Di-n-butylphthalate	0.957	1.097	1.050	1.060	1.063		1.045	5.0
Fluoranthene	1.076	1.286	1.162	1.260	1.295		1.216	7.8
Pyrene	1.196	1.405	1.223	1.341	1.351		1.303	6.9
Butylbenzylphthalate	0.410	0.470	0.439	0.472	0.477		0.454	6.3
3,3-Dichlorobenzidine		0.506	0.464	0.505	0.456	0.453	0.477	5.6
2,2-oxybis(1-Chloropropane)		1.619	1.505	1.550	1.538	1.406	1.524	5.1
Benzo(a)anthracene	1.324	1.501	1.373	1.421	1.392		1.402	4.7
Chrysene	1.241	1.405	1.246	1.305	1.304		1.300	5.1
Bis(2-ethylhexyl)phthalate	0.601	0.704	0.624	0.663	0.664		0.651	6.1
Di-n-octyl phthalate		0.973	0.893	0.937	0.984	0.970	0.951	3.9
Benzo(b)fluoranthene	1.122	1.335	1.231	1.279	1.327		1.259	6.9
Benzo(k)fluoranthene	1.113	1.308	1.206	1.249	1.287		1.233	6.2
Benzo(a)pyrene	1.041	1.213	1.141	1.179	1.219		1.159	6.3
Indeno(1,2,3-cd)pyrene	1.484	1.650	1.456	1.536	1.605		1.546	5.3
Dibenzo(a,h)anthracene	1.203	1.329	1.219	1.229	1.279		1.252	4.1
Benzo(g,h,i)perylene	1.130	1.258	1.176	1.198	1.252		1.203	4.5
Acetophenone		2.253	2.087	2.271	2.328	2.152	2.218	4.4
2,3,4,6-Tetrachlorophenol	0.413	0.471	0.449	0.486	0.493		0.462	7.1
1,4-Dioxane-d8	0.534	0.566	0.473	0.528	0.473		0.515	7.9
Pyridine-d5		1.448	1.357	1.468	1.415	1.377	1.413	3.3

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP100724 SAS No.: BP100724 SDG No.: BP100724

Instrument ID: Calibration Date(s): 10/7/2024

Calibration Time(s): 16:41

LAB FILE ID: RRFAL1 = BP022257.D RRFAL2 = BP022258.D RRFAL3 = BP022259.D
RRFAL4 = BP022260.D RRFAL5 = BP022261.D RRFAL6 = BP022262.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.627	1.561	1.694	1.785	1.750	1.684	5.4
Bis-(2-Chloroethyl)ether-d8		1.033	0.973	0.992	1.004	0.945	0.989	3.3
2-Chlorophenol-d4	1.073	1.236	1.160	1.230	1.274		1.195	6.6
4-Methylphenol-d8		1.277	1.230	1.385	1.449	1.377	1.344	6.6
Nitrobenzene-d5	0.139	0.157	0.150	0.161	0.162		0.154	6.2
2-Nitrophenol-d4	0.152	0.178	0.175	0.190	0.195		0.178	9.5
2,4-Dichlorophenol-d3	0.328	0.397	0.368	0.397	0.402		0.378	8.3
4-Chloroaniline-d4		0.462	0.423	0.462	0.461	0.426	0.447	4.6
4-Methylphenol		1.381	1.291	1.453	1.506	1.420	1.410	5.7
Dimethylphthalate-d6	1.498	1.686	1.560	1.608	1.593		1.589	4.3
Acenaphthylene-d8	1.529	1.784	1.643	1.745	1.738		1.688	6.1
4-Nitrophenol-d4		0.250	0.250	0.276	0.283	0.274	0.267	5.7
Fluorene-d10	1.270	1.487	1.333	1.401	1.400		1.378	5.9
4,6-Dinitro-2-methylphenol-		0.121	0.123	0.134	0.138	0.142	0.132	7.1
Anthracene-d10	0.881	1.002	0.927	0.937	0.957		0.941	4.7
Pyrene-d10	0.951	1.118	1.008	1.101	1.109		1.058	7.0
Benzo(a)pyrene-d12	0.962	1.129	1.011	1.102	1.137		1.068	7.2
N-Nitroso-di-n-propylamine	0.989	1.157	1.086	1.184	1.203		1.124	7.8

All other compounds must meet a minimum RRF of 0.010.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020623 Date Analyzed: Nov 4 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 10:56

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	83605	7.705	315808	10.46	242644	14.32
	UPPER LIMIT	167210	8.205	631616	10.963	485288	14.816
	LOWER LIMIT	41802.5	7.205	157904	9.963	121322	13.816
	EPA SAMPLE NO.						
01	SBLK462	60158	7.63	229602	10.39	185802	14.25
02	A4EA4	60339	7.63	261830	10.38	219362	14.26
03	A4EF6	92982	7.63	353814	10.38	291979	14.25
04	A4EF8	85476	7.63	333888	10.38	256295	14.24
05	A4EF9	85446	7.63	321292	10.38	254718	14.25
06	A4EA4DL	82147	7.63	316276	10.38	250854	14.25
07	A4EG0	87284	7.63	323817	10.39	256130	14.25
08	SBLK462	66001	7.63	248643	10.39	195141	14.25
09	A4EA4	79682	7.63	309461	10.39	258967	14.26
10	A4EA4DL	86351	7.63	322689	10.38	255518	14.25
11	A4EF6	92708	7.63	347935	10.39	276846	14.25
12	A4EE6	74727	7.63	286093	10.39	222359	14.26
13	A4ED0	89870	7.63	341778	10.38	275472	14.25
14	A4EA8	93081	7.63	355990	10.38	281323	14.25
15	A4EC7	70013	7.63	264066	10.38	212975	14.25
16	SLCS553	84463	7.63	329213	10.38	271136	14.24
17	A4EE5	77194	7.63	293627	10.38	239427	14.25
18	A4EB2	97682	7.63	378922	10.38	308741	14.25
19	A4EB4	77456	7.63	296638	10.38	241944	14.25
20	A4EB1	77944	7.63	289924	10.38	239564	14.24
21	SLCS462	92040	7.62	357009	10.38	293557	14.23
22	SBLK553	90363	7.63	352454	10.38	281962	14.24
23	A4EF5	60137	7.63	224823	10.38	180297	14.24

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020623 Date Analyzed: Nov 5 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 05:09

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	83605	7.705	315808	10.46	242644	14.32
	UPPER LIMIT	167210	8.205	631616	10.963	485288	14.816
	LOWER LIMIT	41802.5	7.205	157904	9.963	121322	13.816
	EPA SAMPLE NO.						
24	A4EF5MS	89692	7.63	345184	10.39	287898	14.25
25	A4EF5MSD	93205	7.62	355430	10.38	281228	14.25
26	A4EE4	115229	7.63	437639	10.38	337600	14.26
27	A4EF2	107486	7.63	417148	10.38	328104	14.25
28	A4EF4	112871	7.62	444025	10.38	348977	14.25
29	A4EF7	100110	7.63	376566	10.39	291189	14.25
30	A4EF1	98611	7.63	386585	10.38	313393	14.25
31	A4EF3	83377	7.62	324608	10.38	266133	14.25
32	A4EH4	100876	7.62	396843	10.38	316011	14.25
33	A4EK1	90247	7.63	354868	10.38	296779	14.26
34	SBLK615	88660	7.62	352195	10.38	294035	14.24
35	SBLK674	87269	7.62	325413	10.38	261817	14.25
36	C0CP6	94513	7.59	373849	10.35	296798	14.23
37	C0AB6	68015	7.62	265913	10.38	212309	14.25
38	C0AB0	72314	7.62	280619	10.38	228813	14.24
39	C0AB1	84949	7.62	332045	10.38	264490	14.25
40	C0AB2	61243	7.62	231685	10.38	190897	14.25
41	C0SY1	68955	7.62	260076	10.38	206458	14.24
42	C0SY3	74350	7.62	276217	10.38	226501	14.25
43	C0SY4	63841	7.62	248866	10.38	199780	14.25
44	C0SY5	84954	7.65	278267	10.39	222787	14.24
45	SLCS615	78441	7.62	302007	10.38	253300	14.25
46	SLCS674	94758	7.63	360030	10.38	299718	14.25

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020623 Date Analyzed: Nov 5 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 23:37

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	83605	7.705	315808	10.46	242644	14.32
	UPPER LIMIT	167210	8.205	631616	10.963	485288	14.816
	LOWER LIMIT	41802.5	7.205	157904	9.963	121322	13.816
	EPA SAMPLE NO.						
47	SBLK462	92293	7.62	361370	10.38	291223	14.24
48	A4EE2	87101	7.63	335886	10.38	258685	14.25
49	A4EE3	100677	7.62	386255	10.38	304531	14.25
50	A4EC9	110840	7.62	431730	10.38	335724	14.25
51	A4EC9MS	107180	7.63	394382	10.38	309302	14.25
52	A4EC9MSD	113324	7.63	444485	10.38	337485	14.25
53	A4ED1	120049	7.62	460785	10.38	354138	14.24
54	A4ED2	96707	7.63	377634	10.38	287075	14.25
55	A4ED7	101425	7.62	386616	10.38	298350	14.25
56	A4EC4	110128	7.62	410139	10.38	323472	14.26
57	C0CC0	99457	7.62	389653	10.38	305389	14.23
58	C0CC9	91511	7.62	352518	10.38	272857	14.25
59	SBLK574	77726	7.62	296591	10.38	236318	14.25
60	C0AB6DL	75477	7.62	283519	10.38	229810	14.25
61	A4EB7	85379	7.62	321484	10.38	249150	14.25
62	A4EC6	102009	7.62	384240	10.38	288935	14.25
63	A4EC2	93032	7.62	358391	10.38	278941	14.25
64	A4ED3	90817	7.62	348720	10.38	271072	14.25
65	A4ED5	102955	7.62	391201	10.38	303675	14.24
66	A4EA9	99209	7.62	387112	10.37	290829	14.24
67	A4ED6	120584	7.62	460439	10.38	353222	14.25
68	A4EE2	69253	7.62	276369	10.38	215049	14.25
69	A4EB5	98565	7.62	373522	10.38	287110	14.24

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020623 Date Analyzed: Nov 6 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 16:34

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	83605	7.705	315808	10.46	242644	14.32
	UPPER LIMIT	167210	8.205	631616	10.963	485288	14.816
	LOWER LIMIT	41802.5	7.205	157904	9.963	121322	13.816
	EPA SAMPLE NO.						
70	A4EA9	83952	7.62	318443	10.38	246960	14.25
71	SBLK642	86717	7.62	333898	10.38	264088	14.25
72	SLCS642	66290	7.62	258765	10.38	211554	14.25
73	BH6M7	69493	7.62	262352	10.38	202918	14.24
74	BH6M8	77129	7.62	295931	10.38	232448	14.24
75	BH6M9	83373	7.62	325596	10.38	250161	14.24
76	BH6N0	89263	7.62	338076	10.38	262741	14.25
77	BH6N1	89660	7.62	342561	10.38	265851	14.23
78	BH6N2	96290	7.62	367142	10.38	285002	14.24
79	BH6N3	92749	7.62	356083	10.38	281034	14.24
80	BH6N4	95710	7.62	363475	10.38	277376	14.24
81	BH6N5	87715	7.62	338708	10.38	267451	14.26
82	BH6N6	98954	7.62	378859	10.38	292225	14.24
83	BH6N7	98933	7.62	384613	10.38	300450	14.25
84	BH8M6	96417	7.62	378866	10.38	295178	14.24

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.

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020697 Date Analyzed: Nov 4 2024 12:00AM

Lab File ID: BP022821.D Time Analyzed: 10:56

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	56139	7.622	216124	10.38	174650	14.25
	UPPER LIMIT	112278	8.122	432248	10.881	349300	14.751
	LOWER LIMIT	28069.5	7.122	108062	9.881	87325	13.751
	EPA SAMPLE NO.						
01	SBLK462	60158	7.63	229602	10.39	185802	14.25
02	A4EA4	60339	7.63	261830	10.38	219362	14.26
03	A4EF6	92982	7.63	353814	10.38	291979	14.25
04	A4EF8	85476	7.63	333888	10.38	256295	14.24
05	A4EF9	85446	7.63	321292	10.38	254718	14.25
06	A4EA4DL	82147	7.63	316276	10.38	250854	14.25
07	A4EG0	87284	7.63	323817	10.39	256130	14.25

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.

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020698 Date Analyzed: Nov 4 2024 12:00AM

Lab File ID: BP022829.D Time Analyzed: 17:00

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	76897	7.628	292684	10.39	231381	14.25
	UPPER LIMIT	153794	8.128	585368	10.887	462762	14.751
	LOWER LIMIT	38448.5	7.128	146342	9.887	115690.5	13.751
	EPA SAMPLE NO.						
01	SBLK462	66001	7.63	248643	10.39	195141	14.25
02	A4EA4	79682	7.63	309461	10.39	258967	14.26
03	A4EA4DL	86351	7.63	322689	10.38	255518	14.25
04	A4EF6	92708	7.63	347935	10.39	276846	14.25
05	A4EE6	74727	7.63	286093	10.39	222359	14.26
06	A4ED0	89870	7.63	341778	10.38	275472	14.25
07	A4EA8	93081	7.63	355990	10.38	281323	14.25
08	A4EC7	70013	7.63	264066	10.38	212975	14.25
09	SLCS553	84463	7.63	329213	10.38	271136	14.24
10	A4EE5	77194	7.63	293627	10.38	239427	14.25
11	A4EB2	97682	7.63	378922	10.38	308741	14.25
12	A4EB4	77456	7.63	296638	10.38	241944	14.25
13	A4EB1	77944	7.63	289924	10.38	239564	14.24
14	SLCS462	92040	7.62	357009	10.38	293557	14.23

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.

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020699 Date Analyzed: Nov 5 2024 12:00AM

Lab File ID: BP022844.D Time Analyzed: 03:48

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	86391	7.628	327644	10.38	267425	14.26
	UPPER LIMIT	172782	8.128	655288	10.881	534850	14.757
	LOWER LIMIT	43195.5	7.128	163822	9.881	133712.5	13.757
	EPA SAMPLE NO.						
01	SBLK553	90363	7.63	352454	10.38	281962	14.24
02	A4EF5	60137	7.63	224823	10.38	180297	14.24
03	A4EF5MS	89692	7.63	345184	10.39	287898	14.25
04	A4EF5MSD	93205	7.62	355430	10.38	281228	14.25
05	A4EE4	115229	7.63	437639	10.38	337600	14.26
06	A4EF2	107486	7.63	417148	10.38	328104	14.25
07	A4EF4	112871	7.62	444025	10.38	348977	14.25
08	A4EF7	100110	7.63	376566	10.39	291189	14.25
09	A4EF1	98611	7.63	386585	10.38	313393	14.25
10	A4EF3	83377	7.62	324608	10.38	266133	14.25
11	A4EH4	100876	7.62	396843	10.38	316011	14.25
12	A4EK1	90247	7.63	354868	10.38	296779	14.26

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.

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020700 Date Analyzed: Nov 5 2024 12:00AM

Lab File ID: BP022857.D Time Analyzed: 12:35

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	85128	7.622	323310	10.38	251524	14.26
	UPPER LIMIT	170256	8.122	646620	10.881	503048	14.757
	LOWER LIMIT	42564	7.122	161655	9.881	125762	13.757
	EPA SAMPLE NO.						
01	SBLK615	88660	7.62	352195	10.38	294035	14.24
02	SBLK674	87269	7.62	325413	10.38	261817	14.25
03	C0CP6	94513	7.59	373849	10.35	296798	14.23
04	C0AB6	68015	7.62	265913	10.38	212309	14.25
05	C0AB0	72314	7.62	280619	10.38	228813	14.24
06	C0AB1	84949	7.62	332045	10.38	264490	14.25
07	C0AB2	61243	7.62	231685	10.38	190897	14.25
08	C0SY1	68955	7.62	260076	10.38	206458	14.24
09	C0SY3	74350	7.62	276217	10.38	226501	14.25
10	C0SY4	63841	7.62	248866	10.38	199780	14.25
11	C0SY5	84954	7.65	278267	10.39	222787	14.24
12	SLCS615	78441	7.62	302007	10.38	253300	14.25
13	SLCS674	94758	7.63	360030	10.38	299718	14.25

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.

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020701 Date Analyzed: Nov 5 2024 12:00AM

Lab File ID: BP022871.D Time Analyzed: 23:37

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	82291	7.628	310133	10.38	247646	14.24
	UPPER LIMIT	164582	8.128	620266	10.875	495292	14.739
	LOWER LIMIT	41145.5	7.128	155066.5	9.875	123823	13.739
	EPA SAMPLE NO.						
01	SBLK462	92293	7.62	361370	10.38	291223	14.24
02	A4EE2	87101	7.63	335886	10.38	258685	14.25
03	A4EE3	100677	7.62	386255	10.38	304531	14.25
04	A4EC9	110840	7.62	431730	10.38	335724	14.25
05	A4EC9MS	107180	7.63	394382	10.38	309302	14.25
06	A4EC9MSD	113324	7.63	444485	10.38	337485	14.25
07	A4ED1	120049	7.62	460785	10.38	354138	14.24
08	A4ED2	96707	7.63	377634	10.38	287075	14.25
09	A4ED7	101425	7.62	386616	10.38	298350	14.25
10	A4EC4	110128	7.62	410139	10.38	323472	14.26
11	C0CC0	99457	7.62	389653	10.38	305389	14.23
12	C0CC9	91511	7.62	352518	10.38	272857	14.25

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.

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020702 Date Analyzed: Nov 6 2024 12:00AM

Lab File ID: BP022884.D Time Analyzed: 09:05

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	94698	7.622	369514	10.38	290087	14.24
	UPPER LIMIT	189396	8.122	739028	10.875	580174	14.74
	LOWER LIMIT	47349	7.122	184757	9.875	145043.5	13.74
	EPA SAMPLE NO.						
01	SBLK574	77726	7.62	296591	10.38	236318	14.25
02	C0AB6DL	75477	7.62	283519	10.38	229810	14.25
03	A4EB7	85379	7.62	321484	10.38	249150	14.25
04	A4EC6	102009	7.62	384240	10.38	288935	14.25
05	A4EC2	93032	7.62	358391	10.38	278941	14.25
06	A4ED3	90817	7.62	348720	10.38	271072	14.25
07	A4ED5	102955	7.62	391201	10.38	303675	14.24
08	A4EA9	99209	7.62	387112	10.37	290829	14.24
09	A4ED6	120584	7.62	460439	10.38	353222	14.25
10	A4EE2	69253	7.62	276369	10.38	215049	14.25
11	A4EB5	98565	7.62	373522	10.38	287110	14.24
12	A4EA9	83952	7.62	318443	10.38	246960	14.25

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020703 Date Analyzed: Nov 6 2024 12:00AM

Lab File ID: BP022897.D Time Analyzed: 17:55

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	90857	7.616	346443	10.38	273334	14.24
	UPPER LIMIT	181714	8.116	692886	10.875	546668	14.74
	LOWER LIMIT	45428.5	7.116	173221.5	9.875	136667	13.74
	EPA SAMPLE NO.						
01	SBLK642	86717	7.62	333898	10.38	264088	14.25
02	SLCS642	66290	7.62	258765	10.38	211554	14.25
03	BH6M7	69493	7.62	262352	10.38	202918	14.24
04	BH6M8	77129	7.62	295931	10.38	232448	14.24
05	BH6M9	83373	7.62	325596	10.38	250161	14.24
06	BH6N0	89263	7.62	338076	10.38	262741	14.25
07	BH6N1	89660	7.62	342561	10.38	265851	14.23
08	BH6N2	96290	7.62	367142	10.38	285002	14.24
09	BH6N3	92749	7.62	356083	10.38	281034	14.24
10	BH6N4	95710	7.62	363475	10.38	277376	14.24
11	BH6N5	87715	7.62	338708	10.38	267451	14.26
12	BH6N6	98954	7.62	378859	10.38	292225	14.24
13	BH6N7	98933	7.62	384613	10.38	300450	14.25
14	BH8M6	96417	7.62	378866	10.38	295178	14.24

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.

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020623 Date Analyzed: Nov 4 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 10:56

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	593138	17.11	695777	21.539	837782	24.821
	UPPER LIMIT	1186276	17.61	1391554	22.039	1675564	25.321
	LOWER LIMIT	296569	16.61	347888.5	21.039	418891	24.321
	EPA SAMPLE NO.						
01	SBLK462	452341	17.06	471244	21.49	505904	24.73
02	A4EA4	586306	17.06	608686	21.48	750572	24.73
03	A4EF6	731697	17.05	729245	21.49	834822	24.75
04	A4EF8	617192	17.05	677795	21.49	828325	24.73
05	A4EF9	606912	17.06	669135	21.47	772740	24.72
06	A4EA4DL	587113	17.05	599201	21.49	725940	24.73
07	A4EG0	622477	17.05	724912	21.49	877551	24.74
08	SBLK462	493892	17.05	568243	21.49	643048	24.73
09	A4EA4	655932	17.06	713524	21.50	847830	24.73
10	A4EA4DL	618023	17.06	623939	21.48	761305	24.73
11	A4EF6	665146	17.05	701885	21.48	827537	24.73
12	A4EE6	549177	17.06	556580	21.48	701282	24.73
13	A4ED0	666057	17.05	745669	21.49	848379	24.74
14	A4EA8	674130	17.06	677970	21.47	792278	24.72
15	A4EC7	530518	17.05	619115	21.47	772846	24.72
16	SLCS553	669891	17.06	709222	21.47	824741	24.72
17	A4EE5	590076	17.05	643128	21.48	781295	24.73
18	A4EB2	743626	17.05	732715	21.48	864350	24.73
19	A4EB4	600443	17.06	667178	21.49	801696	24.72
20	A4EB1	581749	17.05	644413	21.49	800710	24.72
21	SLCS462	743473	17.05	833883	21.49	949981	24.72

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020623 Date Analyzed: Nov 5 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 03:48

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	593138	17.11	695777	21.539	837782	24.821
	UPPER LIMIT	1186276	17.61	1391554	22.039	1675564	25.321
	LOWER LIMIT	296569	16.61	347888.5	21.039	418891	24.321
	EPA SAMPLE NO.						
22	SBLK553	665439	17.05	702223	21.49	802984	24.73
23	A4EF5	456023	17.06	557291	21.49	732252	24.73
24	A4EF5MS	681632	17.05	697917	21.49	804674	24.73
25	A4EF5MSD	711101	17.05	721001	21.49	861945	24.73
26	A4EE4	778138	17.06	773488	21.49	900233	24.74
27	A4EF2	766513	17.05	726279	21.48	884651	24.72
28	A4EF4	836540	17.06	759595	21.49	884883	24.73
29	A4EF7	689078	17.06	705011	21.49	835827	24.74
30	A4EF1	741204	17.05	719886	21.48	864175	24.73
31	A4EF3	625766	17.05	682761	21.49	799717	24.73
32	A4EH4	754787	17.05	742311	21.49	905294	24.74
33	A4EK1	731335	17.06	703726	21.48	801779	24.73
34	SBLK615	727569	17.05	669428	21.49	741418	24.74
35	SBLK674	644853	17.06	690235	21.51	770205	24.77
36	C0CP6	684476	17.05	702616	21.50	805055	24.77
37	C0AB6	514137	17.05	577503	21.50	650042	24.75
38	C0AB0	589010	17.05	655701	21.49	738910	24.76
39	C0AB1	636396	17.05	677602	21.50	785797	24.75
40	C0AB2	482576	17.05	538325	21.50	641772	24.76
41	C0SY1	503523	17.06	564608	21.49	652199	24.75
42	C0SY3	580659	17.06	647408	21.49	763988	24.75

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020623 Date Analyzed: Nov 5 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 19:33

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	593138	17.11	695777	21.539	837782	24.821
	UPPER LIMIT	1186276	17.61	1391554	22.039	1675564	25.321
	LOWER LIMIT	296569	16.61	347888.5	21.039	418891	24.321
	EPA SAMPLE NO.						
43	C0SY4	499912	17.06	561513	21.50	658293	24.75
44	C0SY5	567003	17.05	696287	21.49	815495	24.75
45	SLCS615	643202	17.05	732228	21.50	845641	24.75
46	SLCS674	738348	17.06	757730	21.49	854936	24.75
47	SBLK462	722817	17.05	800634	21.50	894055	24.77
48	A4EE2	613573	17.06	683354	21.49	861660	24.74
49	A4EE3	719008	17.06	786645	21.50	920682	24.75
50	A4EC9	807169	17.06	834008	21.50	1.00614e+	24.76
51	A4EC9MS	772428	17.05	781660	21.50	924499	24.76
52	A4EC9MSD	795959	17.05	803033	21.49	944773	24.75
53	A4ED1	807723	17.05	800389	21.49	958156	24.75
54	A4ED2	671535	17.05	700214	21.50	826738	24.75
55	A4ED7	730955	17.05	769838	21.49	895949	24.74
56	A4EC4	776628	17.05	811032	21.49	958979	24.74
57	C0CC0	741183	17.03	767862	21.48	877455	24.75
58	C0CC9	671788	17.04	749101	21.49	897764	24.75
59	SBLK574	560879	17.05	601302	21.49	667938	24.74
60	C0AB6DL	567000	17.05	621697	21.49	730335	24.74
61	A4EB7	602133	17.05	694952	21.49	855201	24.75
62	A4EC6	693864	17.06	717797	21.49	854993	24.76
63	A4EC2	655212	17.06	709751	21.49	832621	24.74

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020623 Date Analyzed: Nov 6 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 12:28

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	593138	17.11	695777	21.539	837782	24.821
	UPPER LIMIT	1186276	17.61	1391554	22.039	1675564	25.321
	LOWER LIMIT	296569	16.61	347888.5	21.039	418891	24.321
	EPA SAMPLE NO.						
64	A4ED3	643049	17.05	713863	21.50	856772	24.76
65	A4ED5	712880	17.05	731125	21.50	860326	24.76
66	A4EA9	689095	17.05	706103	21.49	856311	24.75
67	A4ED6	831201	17.05	821779	21.50	957369	24.75
68	A4EE2	515915	17.06	548563	21.49	661166	24.74
69	A4EB5	708030	17.05	769284	21.50	907400	24.74
70	A4EA9	589233	17.06	602319	21.49	702437	24.73
71	SBLK642	625670	17.06	641804	21.48	735235	24.73
72	SLCS642	528074	17.05	572608	21.49	661846	24.75
73	BH6M7	475141	17.03	478950	21.49	565559	24.75
74	BH6M8	560247	17.05	605569	21.50	721359	24.75
75	BH6M9	592200	17.05	626130	21.49	750814	24.74
76	BH6N0	637968	17.05	682476	21.49	809633	24.73
77	BH6N1	633480	17.04	674785	21.49	805866	24.75
78	BH6N2	667242	17.05	700986	21.48	845385	24.74
79	BH6N3	670616	17.06	695628	21.50	801683	24.76
80	BH6N4	664326	17.05	688970	21.49	827121	24.75
81	BH6N5	647995	17.06	682099	21.49	834741	24.75
82	BH6N6	698901	17.05	727556	21.50	866870	24.76
83	BH6N7	717512	17.05	756264	21.49	891686	24.74
84	BH8M6	689828	17.04	722300	21.49	853894	24.73

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020623 Date Analyzed: Nov 7 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 02:45

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	593138	17.11	695777	21.539	837782	24.821
UPPER LIMIT	1186276	17.61	1391554	22.039	1675564	25.321
LOWER LIMIT	296569	16.61	347888.5	21.039	418891	24.321
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.

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020697 Date Analyzed: Nov 4 2024 12:00AM

Lab File ID: BP022821.D Time Analyzed: 10:56

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	469158	17.063	540479	21.492	647357	24.745
	UPPER LIMIT	938316	17.563	1080958	21.992	1294714	25.245
	LOWER LIMIT	234579	16.563	270239.5	20.992	323678.5	24.245
	EPA SAMPLE NO.						
01	SBLK462	452341	17.06	471244	21.49	505904	24.73
02	A4EA4	586306	17.06	608686	21.48	750572	24.73
03	A4EF6	731697	17.05	729245	21.49	834822	24.75
04	A4EF8	617192	17.05	677795	21.49	828325	24.73
05	A4EF9	606912	17.06	669135	21.47	772740	24.72
06	A4EA4DL	587113	17.05	599201	21.49	725940	24.73
07	A4EG0	622477	17.05	724912	21.49	877551	24.74

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020698 Date Analyzed: Nov 4 2024 12:00AM

Lab File ID: BP022829.D Time Analyzed: 17:00

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	583437	17.063	643724	21.48	734852	24.721
	UPPER LIMIT	1166874	17.563	1287448	21.98	1469704	25.221
	LOWER LIMIT	291718.5	16.563	321862	20.98	367426	24.221
	EPA SAMPLE NO.						
01	SBLK462	493892	17.05	568243	21.49	643048	24.73
02	A4EA4	655932	17.06	713524	21.50	847830	24.73
03	A4EA4DL	618023	17.06	623939	21.48	761305	24.73
04	A4EF6	665146	17.05	701885	21.48	827537	24.73
05	A4EE6	549177	17.06	556580	21.48	701282	24.73
06	A4ED0	666057	17.05	745669	21.49	848379	24.74
07	A4EA8	674130	17.06	677970	21.47	792278	24.72
08	A4EC7	530518	17.05	619115	21.47	772846	24.72
09	SLCS553	669891	17.06	709222	21.47	824741	24.72
10	A4EE5	590076	17.05	643128	21.48	781295	24.73
11	A4EB2	743626	17.05	732715	21.48	864350	24.73
12	A4EB4	600443	17.06	667178	21.49	801696	24.72
13	A4EB1	581749	17.05	644413	21.49	800710	24.72
14	SLCS462	743473	17.05	833883	21.49	949981	24.72

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.

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020699 Date Analyzed: Nov 5 2024 12:00AM

Lab File ID: BP022844.D Time Analyzed: 03:48

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	665930	17.057	695114	21.486	757714	24.727
	UPPER LIMIT	1331860	17.557	1390228	21.986	1515428	25.227
	LOWER LIMIT	332965	16.557	347557	20.986	378857	24.227
	EPA SAMPLE NO.						
01	SBLK553	665439	17.05	702223	21.49	802984	24.73
02	A4EF5	456023	17.06	557291	21.49	732252	24.73
03	A4EF5MS	681632	17.05	697917	21.49	804674	24.73
04	A4EF5MSD	711101	17.05	721001	21.49	861945	24.73
05	A4EE4	778138	17.06	773488	21.49	900233	24.74
06	A4EF2	766513	17.05	726279	21.48	884651	24.72
07	A4EF4	836540	17.06	759595	21.49	884883	24.73
08	A4EF7	689078	17.06	705011	21.49	835827	24.74
09	A4EF1	741204	17.05	719886	21.48	864175	24.73
10	A4EF3	625766	17.05	682761	21.49	799717	24.73
11	A4EH4	754787	17.05	742311	21.49	905294	24.74
12	A4EK1	731335	17.06	703726	21.48	801779	24.73

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020700 Date Analyzed: Nov 5 2024 12:00AM

Lab File ID: BP022857.D Time Analyzed: 12:35

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	614934	17.057	631250	21.492	754767	24.739
	UPPER LIMIT	1229868	17.557	1262500	21.992	1509534	25.239
	LOWER LIMIT	307467	16.557	315625	20.992	377383.5	24.239
	EPA SAMPLE NO.						
01	SBLK615	727569	17.05	669428	21.49	741418	24.74
02	SBLK674	644853	17.06	690235	21.51	770205	24.77
03	C0CP6	684476	17.05	702616	21.50	805055	24.77
04	C0AB6	514137	17.05	577503	21.50	650042	24.75
05	C0AB0	589010	17.05	655701	21.49	738910	24.76
06	C0AB1	636396	17.05	677602	21.50	785797	24.75
07	C0AB2	482576	17.05	538325	21.50	641772	24.76
08	C0SY1	503523	17.06	564608	21.49	652199	24.75
09	C0SY3	580659	17.06	647408	21.49	763988	24.75
10	C0SY4	499912	17.06	561513	21.50	658293	24.75
11	C0SY5	567003	17.05	696287	21.49	815495	24.75
12	SLCS615	643202	17.05	732228	21.50	845641	24.75
13	SLCS674	738348	17.06	757730	21.49	854936	24.75

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.

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020701 Date Analyzed: Nov 5 2024 12:00AM

Lab File ID: BP022871.D Time Analyzed: 23:37

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	612034	17.051	676624	21.492	803290	24.745
	UPPER LIMIT	1224068	17.551	1353248	21.992	1606580	25.245
	LOWER LIMIT	306017	16.551	338312	20.992	401645	24.245
	EPA SAMPLE NO.						
01	SBLK462	722817	17.05	800634	21.50	894055	24.77
02	A4EE2	613573	17.06	683354	21.49	861660	24.74
03	A4EE3	719008	17.06	786645	21.50	920682	24.75
04	A4EC9	807169	17.06	834008	21.50	1.00614e+	24.76
05	A4EC9MS	772428	17.05	781660	21.50	924499	24.76
06	A4EC9MSD	795959	17.05	803033	21.49	944773	24.75
07	A4ED1	807723	17.05	800389	21.49	958156	24.75
08	A4ED2	671535	17.05	700214	21.50	826738	24.75
09	A4ED7	730955	17.05	769838	21.49	895949	24.74
10	A4EC4	776628	17.05	811032	21.49	958979	24.74
11	C0CC0	741183	17.03	767862	21.48	877455	24.75
12	C0CC9	671788	17.04	749101	21.49	897764	24.75

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.

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020702 Date Analyzed: Nov 6 2024 12:00AM

Lab File ID: BP022884.D Time Analyzed: 09:05

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	712412	17.045	753475	21.492	875367	24.751
	UPPER LIMIT	1424824	17.545	1506950	21.992	1750734	25.251
	LOWER LIMIT	356206	16.545	376737.5	20.992	437683.5	24.251
	EPA SAMPLE NO.						
01	SBLK574	560879	17.05	601302	21.49	667938	24.74
02	C0AB6DL	567000	17.05	621697	21.49	730335	24.74
03	A4EB7	602133	17.05	694952	21.49	855201	24.75
04	A4EC6	693864	17.06	717797	21.49	854993	24.76
05	A4EC2	655212	17.06	709751	21.49	832621	24.74
06	A4ED3	643049	17.05	713863	21.50	856772	24.76
07	A4ED5	712880	17.05	731125	21.50	860326	24.76
08	A4EA9	689095	17.05	706103	21.49	856311	24.75
09	A4ED6	831201	17.05	821779	21.50	957369	24.75
10	A4EE2	515915	17.06	548563	21.49	661166	24.74
11	A4EB5	708030	17.05	769284	21.50	907400	24.74
12	A4EA9	589233	17.06	602319	21.49	702437	24.73

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

EPA Sample No.: SSTD020703 Date Analyzed: Nov 6 2024 12:00AM

Lab File ID: BP022897.D Time Analyzed: 17:55

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	674985	17.057	711392	21.486	829337	24.727
	UPPER LIMIT	1349970	17.557	1422784	21.986	1658674	25.227
	LOWER LIMIT	337492.5	16.557	355696	20.986	414668.5	24.227
	EPA SAMPLE NO.						
01	SBLK642	625670	17.06	641804	21.48	735235	24.73
02	SLCS642	528074	17.05	572608	21.49	661846	24.75
03	BH6M7	475141	17.03	478950	21.49	565559	24.75
04	BH6M8	560247	17.05	605569	21.50	721359	24.75
05	BH6M9	592200	17.05	626130	21.49	750814	24.74
06	BH6N0	637968	17.05	682476	21.49	809633	24.73
07	BH6N1	633480	17.04	674785	21.49	805866	24.75
08	BH6N2	667242	17.05	700986	21.48	845385	24.74
09	BH6N3	670616	17.06	695628	21.50	801683	24.76
10	BH6N4	664326	17.05	688970	21.49	827121	24.75
11	BH6N5	647995	17.06	682099	21.49	834741	24.75
12	BH6N6	698901	17.05	727556	21.50	866870	24.76
13	BH6N7	717512	17.05	756264	21.49	891686	24.74
14	BH8M6	689828	17.04	722300	21.49	853894	24.73

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB164462BS	1,4-Dioxane	530	240	ug/Kg	45				0	0	
	Benzaldehyde	1300	100	ug/Kg	8				0	0	
	Pyridine	1300	660	ug/Kg	51				0	0	
	Phenol	1300	770	ug/Kg	59				0	0	
	Bis(2-chloroethyl)ether	1300	710	ug/Kg	55				0	0	
	2-Chlorophenol	1300	800	ug/Kg	62				0	0	
	2-Methylphenol	1300	770	ug/Kg	59				0	0	
	2,2-oxybis(1-Chloropropane)	1300	710	ug/Kg	55				0	0	
	Acetophenone	1300	740	ug/Kg	57				0	0	
	4-Methylphenol	1300	770	ug/Kg	59				0	0	
	N-Nitroso-di-n-propylamine	1300	740	ug/Kg	57				0	0	
	Hexachloroethane	1300	770	ug/Kg	59				0	0	
	Nitrobenzene	1300	740	ug/Kg	57				0	0	
	Isophorone	1300	740	ug/Kg	57				0	0	
	2-Nitrophenol	1300	800	ug/Kg	62				0	0	
	2,4-Dimethylphenol	1300	710	ug/Kg	55				0	0	
	Bis(2-chloroethoxy)methane	1300	730	ug/Kg	56				0	0	
	2,4-Dichlorophenol	1300	840	ug/Kg	65				0	0	
	Naphthalene	1300	760	ug/Kg	58				0	0	
	4-Chloroaniline	1300	420	ug/Kg	32				0	0	
	Hexachlorobutadiene	1300	790	ug/Kg	61				0	0	
	Caprolactam	1300	740	ug/Kg	57				0	0	
	4-Chloro-3-methylphenol	1300	830	ug/Kg	64				0	0	
	1-Methylnaphthalene	1300	780	ug/Kg	60				0	0	
	2-Methylnaphthalene	1300	790	ug/Kg	61				0	0	
	Hexachlorocyclopentadiene	1300	410	ug/Kg	32				0	0	
	2,4,6-Trichlorophenol	1300	800	ug/Kg	62				0	0	
	2,4,5-Trichlorophenol	1300	830	ug/Kg	64				0	0	
	1,1'-Biphenyl	1300	760	ug/Kg	58				0	0	
	2-Chloronaphthalene	1300	760	ug/Kg	58				0	0	
	2-Nitroaniline	1300	770	ug/Kg	59				0	0	
	Dimethylphthalate	1300	760	ug/Kg	58				0	0	
	2,6-Dinitrotoluene	1300	830	ug/Kg	64				0	0	
	Acenaphthylene	1300	760	ug/Kg	58				0	0	
	3-Nitroaniline	1300	760	ug/Kg	58				0	0	
	Acenaphthene	1300	770	ug/Kg	59				0	0	
	2,4-Dinitrophenol	1300	650	ug/Kg	50				0	0	
	4-Nitrophenol	1300	740	ug/Kg	57				0	0	
	Dibenzofuran	1300	780	ug/Kg	60				0	0	
	2,4-Dinitrotoluene	1300	820	ug/Kg	63				0	0	
	Diethylphthalate	1300	780	ug/Kg	60				0	0	
	Fluorene	1300	780	ug/Kg	60				0	0	
	4-Chlorophenyl-phenylether	1300	790	ug/Kg	61				0	0	
	4-Nitroaniline	1300	860	ug/Kg	66				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB164462BS	4,6-Dinitro-2-methylphenol	1300	710	ug/Kg	55				0	0	
	N-Nitrosodiphenylamine	1300	740	ug/Kg	57				0	0	
	1,2,4,5-Tetrachlorobenzene	1300	770	ug/Kg	59				0	0	
	4-Bromophenyl-phenylether	1300	810	ug/Kg	62				0	0	
	Hexachlorobenzene	1300	810	ug/Kg	62				0	0	
	Atrazine	1300	800	ug/Kg	62				0	0	
	Pentachlorophenol	1300	810	ug/Kg	62				0	0	
	Phenanthrene	1300	760	ug/Kg	58				0	0	
	Pentachlorobenzene	1300	750	ug/Kg	58				0	0	
	Anthracene	1300	760	ug/Kg	58				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	740	ug/Kg	57				0	0	
	Carbazole	1300	760	ug/Kg	58				0	0	
	Di-n-butylphthalate	1300	790	ug/Kg	61				0	0	
	Fluoranthene	1300	800	ug/Kg	62				0	0	
	Pyrene	1300	790	ug/Kg	61				0	0	
	Butylbenzylphthalate	1300	790	ug/Kg	61				0	0	
	3,3'-Dichlorobenzidine	1300	790	ug/Kg	61				0	0	
	Benzo(a)anthracene	1300	760	ug/Kg	58				0	0	
	Chrysene	1300	760	ug/Kg	58				0	0	
	Bis(2-ethylhexyl)phthalate	1300	780	ug/Kg	60				0	0	
	Di-n-octylphthalate	1300	790	ug/Kg	61				0	0	
	Benzo(b)fluoranthene	1300	780	ug/Kg	60				0	0	
	Benzo(k)fluoranthene	1300	800	ug/Kg	62				0	0	
	Benzo(a)pyrene	1300	770	ug/Kg	59				0	0	
	Indeno(1,2,3-cd)pyrene	1300	770	ug/Kg	59				0	0	
	Dibenzo(a,h)anthracene	1300	760	ug/Kg	58				0	0	
	Benzo(g,h,i)perylene	1300	770	ug/Kg	59				0	0	
	2,3,4,6-Tetrachlorophenol	1300	840	ug/Kg	65				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB164553BS	1,4-Dioxane	530	290	ug/Kg	55				0	0	
	Benzaldehyde	1300	130	ug/Kg	10				0	0	
	Pyridine	1300	770	ug/Kg	59				0	0	
	Phenol	1300	860	ug/Kg	66				0	0	
	Bis(2-chloroethyl)ether	1300	810	ug/Kg	62				0	0	
	2-Chlorophenol	1300	900	ug/Kg	69				0	0	
	2-Methylphenol	1300	860	ug/Kg	66				0	0	
	2,2-oxybis(1-Chloropropane)	1300	790	ug/Kg	61				0	0	
	Acetophenone	1300	830	ug/Kg	64				0	0	
	4-Methylphenol	1300	860	ug/Kg	66				0	0	
	N-Nitroso-di-n-propylamine	1300	830	ug/Kg	64				0	0	
	Hexachloroethane	1300	840	ug/Kg	65				0	0	
	Nitrobenzene	1300	840	ug/Kg	65				0	0	
	Isophorone	1300	830	ug/Kg	64				0	0	
	2-Nitrophenol	1300	890	ug/Kg	68				0	0	
	2,4-Dimethylphenol	1300	830	ug/Kg	64				0	0	
	Bis(2-chloroethoxy)methane	1300	810	ug/Kg	62				0	0	
	2,4-Dichlorophenol	1300	940	ug/Kg	72				0	0	
	Naphthalene	1300	850	ug/Kg	65				0	0	
	4-Chloroaniline	1300	490	ug/Kg	38				0	0	
	Hexachlorobutadiene	1300	910	ug/Kg	70				0	0	
	Caprolactam	1300	800	ug/Kg	62				0	0	
	4-Chloro-3-methylphenol	1300	900	ug/Kg	69				0	0	
	1-Methylnaphthalene	1300	860	ug/Kg	66				0	0	
	2-Methylnaphthalene	1300	890	ug/Kg	68				0	0	
	Hexachlorocyclopentadiene	1300	460	ug/Kg	35				0	0	
	2,4,6-Trichlorophenol	1300	890	ug/Kg	68				0	0	
	2,4,5-Trichlorophenol	1300	920	ug/Kg	71				0	0	
	1,1'-Biphenyl	1300	850	ug/Kg	65				0	0	
	2-Chloronaphthalene	1300	860	ug/Kg	66				0	0	
	2-Nitroaniline	1300	860	ug/Kg	66				0	0	
	Dimethylphthalate	1300	840	ug/Kg	65				0	0	
	2,6-Dinitrotoluene	1300	920	ug/Kg	71				0	0	
	Acenaphthylene	1300	840	ug/Kg	65				0	0	
	3-Nitroaniline	1300	820	ug/Kg	63				0	0	
	Acenaphthene	1300	870	ug/Kg	67				0	0	
	2,4-Dinitrophenol	1300	660	ug/Kg	51				0	0	
	4-Nitrophenol	1300	820	ug/Kg	63				0	0	
	Dibenzofuran	1300	870	ug/Kg	67				0	0	
	2,4-Dinitrotoluene	1300	920	ug/Kg	71				0	0	
	Diethylphthalate	1300	890	ug/Kg	68				0	0	
	Fluorene	1300	870	ug/Kg	67				0	0	
	4-Chlorophenyl-phenylether	1300	890	ug/Kg	68				0	0	
	4-Nitroaniline	1300	970	ug/Kg	75				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB164553BS	4,6-Dinitro-2-methylphenol	1300	780	ug/Kg	60				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	920	ug/Kg	71				0	0	
	Hexachlorobenzene	1300	920	ug/Kg	71				0	0	
	Atrazine	1300	880	ug/Kg	68				0	0	
	Pentachlorophenol	1300	900	ug/Kg	69				0	0	
	Phenanthrene	1300	860	ug/Kg	66				0	0	
	Pentachlorobenzene	1300	870	ug/Kg	67				0	0	
	Anthracene	1300	860	ug/Kg	66				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	860	ug/Kg	66				0	0	
	Carbazole	1300	860	ug/Kg	66				0	0	
	Di-n-butylphthalate	1300	870	ug/Kg	67				0	0	
	Fluoranthene	1300	930	ug/Kg	72				0	0	
	Pyrene	1300	910	ug/Kg	70				0	0	
	Butylbenzylphthalate	1300	890	ug/Kg	68				0	0	
	3,3'-Dichlorobenzidine	1300	890	ug/Kg	68				0	0	
	Benzo(a)anthracene	1300	880	ug/Kg	68				0	0	
	Chrysene	1300	880	ug/Kg	68				0	0	
	Bis(2-ethylhexyl)phthalate	1300	890	ug/Kg	68				0	0	
	Di-n-octylphthalate	1300	860	ug/Kg	66				0	0	
	Benzo(b)fluoranthene	1300	910	ug/Kg	70				0	0	
	Benzo(k)fluoranthene	1300	910	ug/Kg	70				0	0	
	Benzo(a)pyrene	1300	870	ug/Kg	67				0	0	
	Indeno(1,2,3-cd)pyrene	1300	860	ug/Kg	66				0	0	
	Dibenzo(a,h)anthracene	1300	860	ug/Kg	66				0	0	
	Benzo(g,h,i)perylene	1300	850	ug/Kg	65				0	0	
	2,3,4,6-Tetrachlorophenol	1300	920	ug/Kg	71				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB164615BS	1,4-Dioxane	16	9.1	ug/L	57				0	0	
	Benzaldehyde	40	4.5	ug/L	11				0	0	
	Pyridine	40	24	ug/L	60				0	0	
	Phenol	40	28	ug/L	70				0	0	
	Bis(2-chloroethyl)ether	40	26	ug/L	65				0	0	
	2-Chlorophenol	40	30	ug/L	75				0	0	
	2-Methylphenol	40	28	ug/L	70				0	0	
	2,2-oxybis(1-Chloropropane)	40	25	ug/L	63				0	0	
	Acetophenone	40	27	ug/L	68				0	0	
	4-Methylphenol	40	29	ug/L	73				0	0	
	N-Nitroso-di-n-propylamine	40	27	ug/L	68				0	0	
	Hexachloroethane	40	27	ug/L	68				0	0	
	Nitrobenzene	40	27	ug/L	68				0	0	
	Isophorone	40	27	ug/L	68				0	0	
	2-Nitrophenol	40	30	ug/L	75				0	0	
	2,4-Dimethylphenol	40	29	ug/L	73				0	0	
	Bis(2-chloroethoxy)methane	40	26	ug/L	65				0	0	
	2,4-Dichlorophenol	40	31	ug/L	78				0	0	
	Naphthalene	40	29	ug/L	73				0	0	
	4-Chloroaniline	40	17	ug/L	43				0	0	
	Hexachlorobutadiene	40	29	ug/L	73				0	0	
	Caprolactam	40	26	ug/L	65				0	0	
	4-Chloro-3-methylphenol	40	31	ug/L	78				0	0	
	1-Methylnaphthalene	40	28	ug/L	70				0	0	
	2-Methylnaphthalene	40	29	ug/L	73				0	0	
	Hexachlorocyclopentadiene	40	14	ug/L	35				0	0	
	2,4,6-Trichlorophenol	40	29	ug/L	73				0	0	
	2,4,5-Trichlorophenol	40	30	ug/L	75				0	0	
	1,1'-Biphenyl	40	28	ug/L	70				0	0	
	2-Chloronaphthalene	40	28	ug/L	70				0	0	
	2-Nitroaniline	40	27	ug/L	68				0	0	
	Dimethylphthalate	40	27	ug/L	68				0	0	
	2,6-Dinitrotoluene	40	29	ug/L	73				0	0	
	Acenaphthylene	40	28	ug/L	70				0	0	
	3-Nitroaniline	40	27	ug/L	68				0	0	
	Acenaphthene	40	28	ug/L	70				0	0	
	2,4-Dinitrophenol	40	21	ug/L	52				0	0	
	4-Nitrophenol	40	27	ug/L	68				0	0	
	Dibenzofuran	40	29	ug/L	73				0	0	
	2,4-Dinitrotoluene	40	30	ug/L	75				0	0	
	Diethylphthalate	40	28	ug/L	70				0	0	
	Fluorene	40	29	ug/L	73				0	0	
	4-Chlorophenyl-phenylether	40	29	ug/L	73				0	0	
	4-Nitroaniline	40	32	ug/L	80				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB164615BS	4,6-Dinitro-2-methylphenol	40	24	ug/L	60				0	0	
	N-Nitrosodiphenylamine	40	28	ug/L	70				0	0	
	1,2,4,5-Tetrachlorobenzene	40	28	ug/L	70				0	0	
	4-Bromophenyl-phenylether	40	29	ug/L	73				0	0	
	Hexachlorobenzene	40	30	ug/L	75				0	0	
	Atrazine	40	30	ug/L	75				0	0	
	Pentachlorophenol	40	29	ug/L	73				0	0	
	Phenanthrene	40	28	ug/L	70				0	0	
	Pentachlorobenzene	40	27	ug/L	68				0	0	
	Anthracene	40	28	ug/L	70				0	0	
	1,2,3,4-Tetrachlorobenzene	40	27	ug/L	68				0	0	
	Carbazole	40	28	ug/L	70				0	0	
	Di-n-butylphthalate	40	28	ug/L	70				0	0	
	Fluoranthene	40	28	ug/L	70				0	0	
	Pyrene	40	29	ug/L	73				0	0	
	Butylbenzylphthalate	40	27	ug/L	68				0	0	
	3,3'-Dichlorobenzidine	40	27	ug/L	68				0	0	
	Benzo(a)anthracene	40	27	ug/L	68				0	0	
	Chrysene	40	28	ug/L	70				0	0	
	Bis(2-ethylhexyl)phthalate	40	26	ug/L	65				0	0	
	Di-n-octylphthalate	40	27	ug/L	68				0	0	
	Benzo(b)fluoranthene	40	29	ug/L	73				0	0	
	Benzo(k)fluoranthene	40	29	ug/L	73				0	0	
	Benzo(a)pyrene	40	28	ug/L	70				0	0	
	Indeno(1,2,3-cd)pyrene	40	28	ug/L	70				0	0	
	Dibenzo(a,h)anthracene	40	28	ug/L	70				0	0	
	Benzo(g,h,i)perylene	40	27	ug/L	68				0	0	
	2,3,4,6-Tetrachlorophenol	40	31	ug/L	78				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB164642BS	1,4-Dioxane	530	280	ug/Kg	53				0	0	
	Benzaldehyde	1300	130	ug/Kg	10				0	0	
	Pyridine	1300	790	ug/Kg	61				0	0	
	Phenol	1300	880	ug/Kg	68				0	0	
	Bis(2-chloroethyl)ether	1300	810	ug/Kg	62				0	0	
	2-Chlorophenol	1300	930	ug/Kg	72				0	0	
	2-Methylphenol	1300	890	ug/Kg	68				0	0	
	2,2-oxybis(1-Chloropropane)	1300	790	ug/Kg	61				0	0	
	Acetophenone	1300	850	ug/Kg	65				0	0	
	4-Methylphenol	1300	880	ug/Kg	68				0	0	
	N-Nitroso-di-n-propylamine	1300	850	ug/Kg	65				0	0	
	Hexachloroethane	1300	840	ug/Kg	65				0	0	
	Nitrobenzene	1300	870	ug/Kg	67				0	0	
	Isophorone	1300	810	ug/Kg	62				0	0	
	2-Nitrophenol	1300	930	ug/Kg	72				0	0	
	2,4-Dimethylphenol	1300	890	ug/Kg	68				0	0	
	Bis(2-chloroethoxy)methane	1300	800	ug/Kg	62				0	0	
	2,4-Dichlorophenol	1300	960	ug/Kg	74				0	0	
	Naphthalene	1300	900	ug/Kg	69				0	0	
	4-Chloroaniline	1300	560	ug/Kg	43				0	0	
	Hexachlorobutadiene	1300	910	ug/Kg	70				0	0	
	Caprolactam	1300	820	ug/Kg	63				0	0	
	4-Chloro-3-methylphenol	1300	940	ug/Kg	72				0	0	
	1-Methylnaphthalene	1300	890	ug/Kg	68				0	0	
	2-Methylnaphthalene	1300	920	ug/Kg	71				0	0	
	Hexachlorocyclopentadiene	1300	320	ug/Kg	25				0	0	
	2,4,6-Trichlorophenol	1300	910	ug/Kg	70				0	0	
	2,4,5-Trichlorophenol	1300	950	ug/Kg	73				0	0	
	1,1'-Biphenyl	1300	880	ug/Kg	68				0	0	
	2-Chloronaphthalene	1300	890	ug/Kg	68				0	0	
	2-Nitroaniline	1300	890	ug/Kg	68				0	0	
	Dimethylphthalate	1300	830	ug/Kg	64				0	0	
	2,6-Dinitrotoluene	1300	920	ug/Kg	71				0	0	
	Acenaphthylene	1300	870	ug/Kg	67				0	0	
	3-Nitroaniline	1300	880	ug/Kg	68				0	0	
	Acenaphthene	1300	880	ug/Kg	68				0	0	
	2,4-Dinitrophenol	1300	500	ug/Kg	38				0	0	
	4-Nitrophenol	1300	810	ug/Kg	62				0	0	
	Dibenzofuran	1300	910	ug/Kg	70				0	0	
	2,4-Dinitrotoluene	1300	950	ug/Kg	73				0	0	
	Diethylphthalate	1300	860	ug/Kg	66				0	0	
	Fluorene	1300	900	ug/Kg	69				0	0	
	4-Chlorophenyl-phenylether	1300	920	ug/Kg	71				0	0	
	4-Nitroaniline	1300	1000	ug/Kg	77				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB164642BS	4,6-Dinitro-2-methylphenol	1300	630	ug/Kg	48				0	0	
	N-Nitrosodiphenylamine	1300	890	ug/Kg	68				0	0	
	1,2,4,5-Tetrachlorobenzene	1300	900	ug/Kg	69				0	0	
	4-Bromophenyl-phenylether	1300	940	ug/Kg	72				0	0	
	Hexachlorobenzene	1300	970	ug/Kg	75				0	0	
	Atrazine	1300	900	ug/Kg	69				0	0	
	Pentachlorophenol	1300	910	ug/Kg	70				0	0	
	Phenanthrene	1300	910	ug/Kg	70				0	0	
	Pentachlorobenzene	1300	890	ug/Kg	68				0	0	
	Anthracene	1300	920	ug/Kg	71				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	880	ug/Kg	68				0	0	
	Carbazole	1300	900	ug/Kg	69				0	0	
	Di-n-butylphthalate	1300	880	ug/Kg	68				0	0	
	Fluoranthene	1300	960	ug/Kg	74				0	0	
	Pyrene	1300	930	ug/Kg	72				0	0	
	Butylbenzylphthalate	1300	920	ug/Kg	71				0	0	
	3,3'-Dichlorobenzidine	1300	900	ug/Kg	69				0	0	
	Benzo(a)anthracene	1300	910	ug/Kg	70				0	0	
	Chrysene	1300	910	ug/Kg	70				0	0	
	Bis(2-ethylhexyl)phthalate	1300	900	ug/Kg	69				0	0	
	Di-n-octylphthalate	1300	880	ug/Kg	68				0	0	
	Benzo(b)fluoranthene	1300	940	ug/Kg	72				0	0	
	Benzo(k)fluoranthene	1300	910	ug/Kg	70				0	0	
	Benzo(a)pyrene	1300	900	ug/Kg	69				0	0	
	Indeno(1,2,3-cd)pyrene	1300	900	ug/Kg	69				0	0	
	Dibenzo(a,h)anthracene	1300	890	ug/Kg	68				0	0	
	Benzo(g,h,i)perylene	1300	880	ug/Kg	68				0	0	
	2,3,4,6-Tetrachlorophenol	1300	950	ug/Kg	73				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB164674BS	1,4-Dioxane	16	8.3	ug/L	52				0	0	
	Benzaldehyde	40	3.8	ug/L	10				0	0	
	Pyridine	40	23	ug/L	58				0	0	
	Phenol	40	26	ug/L	65				0	0	
	Bis(2-chloroethyl)ether	40	24	ug/L	60				0	0	
	2-Chlorophenol	40	27	ug/L	68				0	0	
	2-Methylphenol	40	26	ug/L	65				0	0	
	2,2-oxybis(1-Chloropropane)	40	23	ug/L	58				0	0	
	Acetophenone	40	25	ug/L	63				0	0	
	4-Methylphenol	40	26	ug/L	65				0	0	
	N-Nitroso-di-n-propylamine	40	25	ug/L	63				0	0	
	Hexachloroethane	40	25	ug/L	63				0	0	
	Nitrobenzene	40	25	ug/L	63				0	0	
	Isophorone	40	25	ug/L	63				0	0	
	2-Nitrophenol	40	28	ug/L	70				0	0	
	2,4-Dimethylphenol	40	27	ug/L	68				0	0	
	Bis(2-chloroethoxy)methane	40	25	ug/L	63				0	0	
	2,4-Dichlorophenol	40	29	ug/L	73				0	0	
	Naphthalene	40	26	ug/L	65				0	0	
	4-Chloroaniline	40	16	ug/L	40				0	0	
	Hexachlorobutadiene	40	27	ug/L	68				0	0	
	Caprolactam	40	25	ug/L	63				0	0	
	4-Chloro-3-methylphenol	40	28	ug/L	70				0	0	
	1-Methylnaphthalene	40	26	ug/L	65				0	0	
	2-Methylnaphthalene	40	27	ug/L	68				0	0	
	Hexachlorocyclopentadiene	40	13	ug/L	33				0	0	
	2,4,6-Trichlorophenol	40	27	ug/L	68				0	0	
	2,4,5-Trichlorophenol	40	28	ug/L	70				0	0	
	1,1'-Biphenyl	40	26	ug/L	65				0	0	
	2-Chloronaphthalene	40	26	ug/L	65				0	0	
	2-Nitroaniline	40	26	ug/L	65				0	0	
	Dimethylphthalate	40	25	ug/L	63				0	0	
	2,6-Dinitrotoluene	40	27	ug/L	68				0	0	
	Acenaphthylene	40	25	ug/L	63				0	0	
	3-Nitroaniline	40	25	ug/L	63				0	0	
	Acenaphthene	40	26	ug/L	65				0	0	
	2,4-Dinitrophenol	40	19	ug/L	48				0	0	
	4-Nitrophenol	40	25	ug/L	63				0	0	
	Dibenzofuran	40	27	ug/L	68				0	0	
	2,4-Dinitrotoluene	40	27	ug/L	68				0	0	
	Diethylphthalate	40	26	ug/L	65				0	0	
	Fluorene	40	27	ug/L	68				0	0	
	4-Chlorophenyl-phenylether	40	27	ug/L	68				0	0	
	4-Nitroaniline	40	29	ug/L	73				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB164674BS	4,6-Dinitro-2-methylphenol	40	23	ug/L	58				0	0	
	N-Nitrosodiphenylamine	40	26	ug/L	65				0	0	
	1,2,4,5-Tetrachlorobenzene	40	27	ug/L	68				0	0	
	4-Bromophenyl-phenylether	40	28	ug/L	70				0	0	
	Hexachlorobenzene	40	28	ug/L	70				0	0	
	Atrazine	40	27	ug/L	68				0	0	
	Pentachlorophenol	40	27	ug/L	68				0	0	
	Phenanthrene	40	26	ug/L	65				0	0	
	Pentachlorobenzene	40	26	ug/L	65				0	0	
	Anthracene	40	26	ug/L	65				0	0	
	1,2,3,4-Tetrachlorobenzene	40	26	ug/L	65				0	0	
	Carbazole	40	25	ug/L	63				0	0	
	Di-n-butylphthalate	40	26	ug/L	65				0	0	
	Fluoranthene	40	28	ug/L	70				0	0	
	Pyrene	40	28	ug/L	70				0	0	
	Butylbenzylphthalate	40	27	ug/L	68				0	0	
	3,3'-Dichlorobenzidine	40	27	ug/L	68				0	0	
	Benzo(a)anthracene	40	26	ug/L	65				0	0	
	Chrysene	40	26	ug/L	65				0	0	
	Bis(2-ethylhexyl)phthalate	40	26	ug/L	65				0	0	
	Di-n-octylphthalate	40	27	ug/L	68				0	0	
	Benzo(b)fluoranthene	40	28	ug/L	70				0	0	
	Benzo(k)fluoranthene	40	27	ug/L	68				0	0	
	Benzo(a)pyrene	40	26	ug/L	65				0	0	
	Indeno(1,2,3-cd)pyrene	40	26	ug/L	65				0	0	
	Dibenzo(a,h)anthracene	40	26	ug/L	65				0	0	
	Benzo(g,h,i)perylene	40	25	ug/L	63				0	0	
	2,3,4,6-Tetrachlorophenol	40	29	ug/L	73				0	0	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK462

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

Lab File ID: BP022830.D Lab Sample ID: PB164462BL

Instrument ID: BNA_P Date Extracted: 10/28/2024

Matrix: (soil/water) Solid Date Analyzed: 11/04/2024

Level: (low/med) LOW Time Analyzed: 17:00

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4EE2	P4568-12	BP022873.D	11/06/2024
A4EE3	P4568-13	BP022874.D	11/06/2024
PB164462BS	PB164462BS	BP022843.D	11/05/2024
A4EE2	P4568-12	BP022894.D	11/06/2024
A4EA4	P4568-02	BP022823.D	11/04/2024
A4EF6	P4568-06	BP022824.D	11/04/2024
A4EF8	P4568-07	BP022825.D	11/04/2024
A4EF9	P4568-08	BP022826.D	11/04/2024
A4EG0	P4568-09	BP022828.D	11/04/2024
A4EE5	P4568-15	BP022839.D	11/04/2024
A4EA4	P4568-02	BP022831.D	11/04/2024
A4EF6	P4568-06	BP022833.D	11/04/2024
A4EE6	P4568-16	BP022834.D	11/04/2024
A4EF5	P4568-03	BP022846.D	11/05/2024
A4EF5MS	P4568-04MS	BP022847.D	11/05/2024
A4EF5MSD	P4568-05MSD	BP022848.D	11/05/2024
A4EE4	P4568-14	BP022849.D	11/05/2024
A4EF2	P4568-18	BP022850.D	11/05/2024
A4EF4	P4568-20	BP022851.D	11/05/2024
A4EF7	P4568-21	BP022852.D	11/05/2024
A4EF1	P4568-17	BP022853.D	11/05/2024
A4EF3	P4568-19	BP022854.D	11/05/2024
A4EH4	P4568-10	BP022855.D	11/05/2024
A4EK1	P4568-11	BP022856.D	11/05/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK553

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

Lab File ID: BP022845.D Lab Sample ID: PB164553BL

Instrument ID: BNA_P Date Extracted: 10/31/2024

Matrix: (soil/water) Solid Date Analyzed: 11/05/2024

Level: (low/med) LOW Time Analyzed: 03:48

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4EB7	P4581-24	BP022887.D	11/06/2024
A4EC6	P4581-11	BP022888.D	11/06/2024
A4EC2	P4581-09	BP022889.D	11/06/2024
A4ED3	P4581-13	BP022890.D	11/06/2024
A4ED5	P4581-14	BP022891.D	11/06/2024
A4EA9	P4581-19	BP022892.D	11/06/2024
A4ED6	P4581-15	BP022893.D	11/06/2024
A4EC9	P4581-01	BP022875.D	11/06/2024
A4EC9MS	P4581-02MS	BP022876.D	11/06/2024
A4EC9MSD	P4581-03MSD	BP022877.D	11/06/2024
A4ED1	P4581-05	BP022878.D	11/06/2024
A4ED2	P4581-06	BP022879.D	11/06/2024
A4ED7	P4581-16	BP022880.D	11/06/2024
A4EC4	P4581-10	BP022881.D	11/06/2024
A4EB5	P4581-23	BP022895.D	11/06/2024
A4EA9	P4581-19	BP022896.D	11/06/2024
A4ED0	P4581-04	BP022835.D	11/04/2024
A4EA8	P4581-08	BP022836.D	11/04/2024
A4EC7	P4581-12	BP022837.D	11/04/2024
PB164553BS	PB164553BS	BP022838.D	11/04/2024
A4EB2	P4581-21	BP022840.D	11/04/2024
A4EB4	P4581-22	BP022841.D	11/05/2024
A4EB1	P4581-20	BP022842.D	11/05/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK574

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

Lab File ID: BP022885.D Lab Sample ID: PB164574BL

Instrument ID: BNA_P Date Extracted: 10/31/2024

Matrix: (soil/water) Water Date Analyzed: 11/06/2024

Level: (low/med) LOW Time Analyzed: 09:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AB6	P4625-11	BP022861.D	11/05/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK615

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

Lab File ID: BP022858.D Lab Sample ID: PB164615BL

Instrument ID: BNA_P Date Extracted: 11/03/2024

Matrix: (soil/water) Water Date Analyzed: 11/05/2024

Level: (low/med) LOW Time Analyzed: 12:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AB0	P4671-01	BP022862.D	11/05/2024
C0AB1	P4671-02	BP022863.D	11/05/2024
C0AB2	P4671-03	BP022864.D	11/05/2024
C0CP6	P4644-12	BP022860.D	11/05/2024
C0CC0	P4644-13	BP022882.D	11/06/2024
C0CC9	P4644-14	BP022883.D	11/06/2024
PB164615BS	PB164615BS	BP022869.D	11/05/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK642

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

Lab File ID: BP022898.D Lab Sample ID: PB164642BL

Instrument ID: BNA_P Date Extracted: 11/04/2024

Matrix: (soil/water) Solid Date Analyzed: 11/06/2024

Level: (low/med) LOW Time Analyzed: 17:55

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164642BS	PB164642BS	BP022899.D	11/06/2024
BH6N6	P4622-10	BP022909.D	11/07/2024
BH6N7	P4622-13	BP022910.D	11/07/2024
BH8M6	P4622-14	BP022911.D	11/07/2024
BH6M7	P4622-01	BP022900.D	11/06/2024
BH6M8	P4622-02	BP022901.D	11/06/2024
BH6M9	P4622-03	BP022902.D	11/06/2024
BH6N0	P4622-04	BP022903.D	11/06/2024
BH6N1	P4622-05	BP022904.D	11/06/2024
BH6N2	P4622-06	BP022905.D	11/06/2024
BH6N3	P4622-07	BP022906.D	11/06/2024
BH6N4	P4622-08	BP022907.D	11/07/2024
BH6N5	P4622-09	BP022908.D	11/07/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK674

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110424 SAS No.: BP110424 SDG NO.: BP110424

Lab File ID: BP022859.D Lab Sample ID: PB164674BL

Instrument ID: BNA_P Date Extracted: 11/04/2024

Matrix: (soil/water) Water Date Analyzed: 11/05/2024

Level: (low/med) LOW Time Analyzed: 13:16

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0SY1	P4670-01	BP022865.D	11/05/2024
C0SY3	P4670-02	BP022866.D	11/05/2024
C0SY4	P4670-03	BP022867.D	11/05/2024
C0SY5	P4670-04	BP022868.D	11/05/2024
PB164674BS	PB164674BS	BP022870.D	11/05/2024

COMMENTS:

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P4581-02MS		**Client Sample ID: A4EC9MS**						**DataFile:**	**BP022876.D**		
1,4-Dioxane	650		430	ug/Kg	66				15	120	
Benzaldehyde	1600		280	ug/Kg	18				0	0	
Pyridine	1600		1200	ug/Kg	75				0	0	
Phenol	1600		1400	ug/Kg	88				26	90	
Bis(2-chloroethyl)ether	1600		1300	ug/Kg	81				0	0	
2-Chlorophenol	1600		1500	ug/Kg	94				25	102	
2-Methylphenol	1600		1400	ug/Kg	88				0	0	
2,2-oxybis(1-Chloropropane)	1600		1200	ug/Kg	75				0	0	
Acetophenone	1600		1300	ug/Kg	81				0	0	
4-Methylphenol	1600		1400	ug/Kg	88				0	0	
N-Nitroso-di-n-propylamine	1600		1300	ug/Kg	81				41	126	
Hexachloroethane	1600		1400	ug/Kg	88				0	0	
Nitrobenzene	1600		1400	ug/Kg	88				0	0	
Isophorone	1600		1300	ug/Kg	81				0	0	
2-Nitrophenol	1600		1600	ug/Kg	100				0	0	
2,4-Dimethylphenol	1600		1400	ug/Kg	88				0	0	
Bis(2-chloroethoxy)methane	1600		1300	ug/Kg	81				0	0	
2,4-Dichlorophenol	1600		1600	ug/Kg	100				0	0	
Naphthalene	1600		1500	ug/Kg	94				0	0	
4-Chloroaniline	1600		890	ug/Kg	56				0	0	
Hexachlorobutadiene	1600		1500	ug/Kg	94				0	0	
Caprolactam	1600		1300	ug/Kg	81				0	0	
4-Chloro-3-methylphenol	1600		1500	ug/Kg	94				26	103	
1-Methylnaphthalene	1600		1400	ug/Kg	88				0	0	
2-Methylnaphthalene	1600		1500	ug/Kg	94				0	0	
Hexachlorocyclopentadiene	1600		700	ug/Kg	44				0	0	
2,4,6-Trichlorophenol	1600		1600	ug/Kg	100				0	0	
2,4,5-Trichlorophenol	1600		1600	ug/Kg	100				0	0	
1,1'-Biphenyl	1600		1500	ug/Kg	94				0	0	
2-Chloronaphthalene	1600		1500	ug/Kg	94				0	0	
2-Nitroaniline	1600		1500	ug/Kg	94				0	0	
Dimethylphthalate	1600		1400	ug/Kg	88				0	0	
2,6-Dinitrotoluene	1600		1600	ug/Kg	100				0	0	
Acenaphthylene	1600		1400	ug/Kg	88				0	0	
3-Nitroaniline	1600		1500	ug/Kg	94				0	0	
Acenaphthene	1600		1400	ug/Kg	88				31	137	
2,4-Dinitrophenol	1600		1100	ug/Kg	69				0	0	
4-Nitrophenol	1600		1400	ug/Kg	88				11	114	
Dibenzofuran	1600		1400	ug/Kg	88				0	0	
2,4-Dinitrotoluene	1600		1600	ug/Kg	100	*			28	89	
Diethylphthalate	1600		1400	ug/Kg	88				0	0	
Fluorene	1600		1500	ug/Kg	94				0	0	
4-Chlorophenyl-phenylether	1600		1500	ug/Kg	94				0	0	
4-Nitroaniline	1600		1600	ug/Kg	100				0	0	
4,6-Dinitro-2-methylphenol	1600		1200	ug/Kg	75				0	0	
N-Nitrosodiphenylamine	1600		1400	ug/Kg	88				0	0	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1600		1500	ug/Kg	94				0	0	
4-Bromophenyl-phenylether	1600		1500	ug/Kg	94				0	0	
Hexachlorobenzene	1600		1600	ug/Kg	100				0	0	
Atrazine	1600		1500	ug/Kg	94				0	0	
Pentachlorophenol	1600		1500	ug/Kg	94				17	109	
Phenanthrene	1600	69	1500	ug/Kg	89				0	0	
Pentachlorobenzene	1600		1400	ug/Kg	88				0	0	
Anthracene	1600		1400	ug/Kg	88				0	0	
1,2,3,4-Tetrachlorobenzene	1600		1400	ug/Kg	88				0	0	
Carbazole	1600		1400	ug/Kg	88				0	0	
Di-n-butylphthalate	1600		1400	ug/Kg	88				0	0	
Fluoranthene	1600	130	1700	ug/Kg	98				0	0	
Pyrene	1600	100	1600	ug/Kg	94				35	142	
Butylbenzylphthalate	1600		1500	ug/Kg	94				0	0	
3,3'-Dichlorobenzidine	1600		1000	ug/Kg	63				0	0	
Benzo(a)anthracene	1600	49	1500	ug/Kg	91				0	0	
Chrysene	1600	61	1500	ug/Kg	90				0	0	
Bis(2-ethylhexyl)phthalate	1600		1500	ug/Kg	94				0	0	
Di-n-octylphthalate	1600		1400	ug/Kg	88				0	0	
Benzo(b)fluoranthene	1600	78	1500	ug/Kg	89				0	0	
Benzo(k)fluoranthene	1600		1500	ug/Kg	94				0	0	
Benzo(a)pyrene	1600	54	1500	ug/Kg	90				0	0	
Indeno(1,2,3-cd)pyrene	1600		1500	ug/Kg	94				0	0	
Dibenzo(a,h)anthracene	1600		1500	ug/Kg	94				0	0	
Benzo(g,h,i)perylene	1600	41	1500	ug/Kg	91				0	0	
2,3,4,6-Tetrachlorophenol	1600		1600	ug/Kg	100				0	0	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: P4581-03MSD		**Client Sample ID:**	A4EC9MSD					**DataFile:**	BP022877.D		
1,4-Dioxane	650		380	ug/Kg	58		13		15	120	50
Benzaldehyde	1600		250	ug/Kg	16		12	*	0	0	0
Pyridine	1600		1100	ug/Kg	69		8	*	0	0	0
Phenol	1600		1300	ug/Kg	81		8		26	90	35
Bis(2-chloroethyl)ether	1600		1200	ug/Kg	75		8	*	0	0	0
2-Chlorophenol	1600		1400	ug/Kg	88		7		25	102	50
2-Methylphenol	1600		1300	ug/Kg	81		8	*	0	0	0
2,2-oxybis(1-Chloropropane)	1600		1200	ug/Kg	75		0		0	0	0
Acetophenone	1600		1200	ug/Kg	75		8	*	0	0	0
4-Methylphenol	1600		1300	ug/Kg	81		8	*	0	0	0
N-Nitroso-di-n-propylamine	1600		1200	ug/Kg	75		8		41	126	38
Hexachloroethane	1600		1300	ug/Kg	81		8	*	0	0	0
Nitrobenzene	1600		1200	ug/Kg	75		16	*	0	0	0
Isophorone	1600		1200	ug/Kg	75		8	*	0	0	0
2-Nitrophenol	1600		1400	ug/Kg	88		13	*	0	0	0
2,4-Dimethylphenol	1600		1300	ug/Kg	81		8	*	0	0	0
Bis(2-chloroethoxy)methane	1600		1200	ug/Kg	75		8	*	0	0	0
2,4-Dichlorophenol	1600		1400	ug/Kg	88		13	*	0	0	0
Naphthalene	1600		1300	ug/Kg	81		15	*	0	0	0
4-Chloroaniline	1600		880	ug/Kg	55		2	*	0	0	0
Hexachlorobutadiene	1600		1400	ug/Kg	88		7	*	0	0	0
Caprolactam	1600		1200	ug/Kg	75		8	*	0	0	0
4-Chloro-3-methylphenol	1600		1400	ug/Kg	88		7		26	103	33
1-Methylnaphthalene	1600		1300	ug/Kg	81		8	*	0	0	0
2-Methylnaphthalene	1600		1300	ug/Kg	81		15	*	0	0	0
Hexachlorocyclopentadiene	1600		610	ug/Kg	38		15	*	0	0	0
2,4,6-Trichlorophenol	1600		1500	ug/Kg	94		6	*	0	0	0
2,4,5-Trichlorophenol	1600		1500	ug/Kg	94		6	*	0	0	0
1,1'-Biphenyl	1600		1300	ug/Kg	81		15	*	0	0	0
2-Chloronaphthalene	1600		1400	ug/Kg	88		7	*	0	0	0
2-Nitroaniline	1600		1300	ug/Kg	81		15	*	0	0	0
Dimethylphthalate	1600		1300	ug/Kg	81		8	*	0	0	0
2,6-Dinitrotoluene	1600		1400	ug/Kg	88		13	*	0	0	0
Acenaphthylene	1600		1300	ug/Kg	81		8	*	0	0	0
3-Nitroaniline	1600		1300	ug/Kg	81		15	*	0	0	0
Acenaphthene	1600		1400	ug/Kg	88		0		31	137	19
2,4-Dinitrophenol	1600		930	ug/Kg	58		17	*	0	0	0
4-Nitrophenol	1600		1200	ug/Kg	75		16		11	114	50
Dibenzofuran	1600		1300	ug/Kg	81		8	*	0	0	0
2,4-Dinitrotoluene	1600		1400	ug/Kg	88		13		28	89	47
Diethylphthalate	1600		1300	ug/Kg	81		8	*	0	0	0
Fluorene	1600		1300	ug/Kg	81		15	*	0	0	0
4-Chlorophenyl-phenylether	1600		1400	ug/Kg	88		7	*	0	0	0
4-Nitroaniline	1600		1500	ug/Kg	94		6	*	0	0	0
4,6-Dinitro-2-methylphenol	1600		1100	ug/Kg	69		8	*	0	0	0
N-Nitrosodiphenylamine	1600		1400	ug/Kg	88		0		0	0	0

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1600		1400	ug/Kg	88		7	*	0	0	0
4-Bromophenyl-phenylether	1600		1500	ug/Kg	94		0		0	0	0
Hexachlorobenzene	1600		1500	ug/Kg	94		6	*	0	0	0
Atrazine	1600		1400	ug/Kg	88		7	*	0	0	0
Pentachlorophenol	1600		1400	ug/Kg	88		7		17	109	47
Phenanthrene	1600	69	1400	ug/Kg	83		7	*	0	0	0
Pentachlorobenzene	1600		1400	ug/Kg	88		0		0	0	0
Anthracene	1600		1300	ug/Kg	81		8	*	0	0	0
1,2,3,4-Tetrachlorobenzene	1600		1400	ug/Kg	88		0		0	0	0
Carbazole	1600		1300	ug/Kg	81		8	*	0	0	0
Di-n-butylphthalate	1600		1300	ug/Kg	81		8	*	0	0	0
Fluoranthene	1600	130	1600	ug/Kg	92		6	*	0	0	0
Pyrene	1600	100	1500	ug/Kg	88		7		35	142	36
Butylbenzylphthalate	1600		1400	ug/Kg	88		7	*	0	0	0
3,3'-Dichlorobenzidine	1600		930	ug/Kg	58		8	*	0	0	0
Benzo(a)anthracene	1600	49	1400	ug/Kg	84		8	*	0	0	0
Chrysene	1600	61	1400	ug/Kg	84		7	*	0	0	0
Bis(2-ethylhexyl)phthalate	1600		1400	ug/Kg	88		7	*	0	0	0
Di-n-octylphthalate	1600		1300	ug/Kg	81		8	*	0	0	0
Benzo(b)fluoranthene	1600	78	1400	ug/Kg	83		7	*	0	0	0
Benzo(k)fluoranthene	1600		1400	ug/Kg	88		7	*	0	0	0
Benzo(a)pyrene	1600	54	1400	ug/Kg	84		7	*	0	0	0
Indeno(1,2,3-cd)pyrene	1600		1400	ug/Kg	88		7	*	0	0	0
Dibenzo(a,h)anthracene	1600		1300	ug/Kg	81		15	*	0	0	0
Benzo(g,h,i)perylene	1600	41	1400	ug/Kg	85		7	*	0	0	0
2,3,4,6-Tetrachlorophenol	1600		1400	ug/Kg	88		13	*	0	0	0

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P4568-04MS		**Client Sample ID: A4EF5MS**						**DataFile:**	**BP022847.D**		
1,4-Dioxane	1400		840	ug/Kg	60				15	120	
Benzaldehyde	3400		360	ug/Kg	11				0	0	
Pyridine	3400		2300	ug/Kg	68				0	0	
Phenol	3400		2800	ug/Kg	82				26	90	
Bis(2-chloroethyl)ether	3400		2600	ug/Kg	76				0	0	
2-Chlorophenol	3400		2900	ug/Kg	85				25	102	
2-Methylphenol	3400		2800	ug/Kg	82				0	0	
2,2-oxybis(1-Chloropropane)	3400		2600	ug/Kg	76				0	0	
Acetophenone	3400		2700	ug/Kg	79				0	0	
4-Methylphenol	3400		2800	ug/Kg	82				0	0	
N-Nitroso-di-n-propylamine	3400		2700	ug/Kg	79				41	126	
Hexachloroethane	3400		2700	ug/Kg	79				0	0	
Nitrobenzene	3400		2700	ug/Kg	79				0	0	
Isophorone	3400		2700	ug/Kg	79				0	0	
2-Nitrophenol	3400		2900	ug/Kg	85				0	0	
2,4-Dimethylphenol	3400		2900	ug/Kg	85				0	0	
Bis(2-chloroethoxy)methane	3400		2700	ug/Kg	79				0	0	
2,4-Dichlorophenol	3400		3100	ug/Kg	91				0	0	
Naphthalene	3400		2800	ug/Kg	82				0	0	
4-Chloroaniline	3400		1600	ug/Kg	47				0	0	
Hexachlorobutadiene	3400		3000	ug/Kg	88				0	0	
Caprolactam	3400		2700	ug/Kg	79				0	0	
4-Chloro-3-methylphenol	3400		3000	ug/Kg	88				26	103	
1-Methylnaphthalene	3400		2800	ug/Kg	82				0	0	
2-Methylnaphthalene	3400		2900	ug/Kg	85				0	0	
Hexachlorocyclopentadiene	3400		1600	ug/Kg	47				0	0	
2,4,6-Trichlorophenol	3400		2900	ug/Kg	85				0	0	
2,4,5-Trichlorophenol	3400		3000	ug/Kg	88				0	0	
1,1'-Biphenyl	3400		2800	ug/Kg	82				0	0	
2-Chloronaphthalene	3400		2800	ug/Kg	82				0	0	
2-Nitroaniline	3400		2700	ug/Kg	79				0	0	
Dimethylphthalate	3400		2700	ug/Kg	79				0	0	
2,6-Dinitrotoluene	3400		3000	ug/Kg	88				0	0	
Acenaphthylene	3400		2700	ug/Kg	79				0	0	
3-Nitroaniline	3400		2700	ug/Kg	79				0	0	
Acenaphthene	3400		2800	ug/Kg	82				31	137	
2,4-Dinitrophenol	3400		2300	ug/Kg	68				0	0	
4-Nitrophenol	3400		2600	ug/Kg	76				11	114	
Dibenzofuran	3400		2800	ug/Kg	82				0	0	
2,4-Dinitrotoluene	3400		2900	ug/Kg	85				28	89	
Diethylphthalate	3400		2800	ug/Kg	82				0	0	
Fluorene	3400		2800	ug/Kg	82				0	0	
4-Chlorophenyl-phenylether	3400		2900	ug/Kg	85				0	0	
4-Nitroaniline	3400		3000	ug/Kg	88				0	0	
4,6-Dinitro-2-methylphenol	3400		2500	ug/Kg	74				0	0	
N-Nitrosodiphenylamine	3400		2800	ug/Kg	82				0	0	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	3400		2800	ug/Kg	82				0	0	
4-Bromophenyl-phenylether	3400		3100	ug/Kg	91				0	0	
Hexachlorobenzene	3400		3100	ug/Kg	91				0	0	
Atrazine	3400		3000	ug/Kg	88				0	0	
Pentachlorophenol	3400		3000	ug/Kg	88				17	109	
Phenanthrene	3400	210	2900	ug/Kg	79				0	0	
Pentachlorobenzene	3400		2900	ug/Kg	85				0	0	
Anthracene	3400		2800	ug/Kg	82				0	0	
1,2,3,4-Tetrachlorobenzene	3400		2900	ug/Kg	85				0	0	
Carbazole	3400		2800	ug/Kg	82				0	0	
Di-n-butylphthalate	3400		2900	ug/Kg	85				0	0	
Fluoranthene	3400	300	3300	ug/Kg	88				0	0	
Pyrene	3400	260	3200	ug/Kg	86				35	142	
Butylbenzylphthalate	3400		3000	ug/Kg	88				0	0	
3,3'-Dichlorobenzidine	3400		2500	ug/Kg	74				0	0	
Benzo(a)anthracene	3400	130	2800	ug/Kg	79				0	0	
Chrysene	3400	160	2900	ug/Kg	81				0	0	
Bis(2-ethylhexyl)phthalate	3400		2900	ug/Kg	85				0	0	
Di-n-octylphthalate	3400		2900	ug/Kg	85				0	0	
Benzo(b)fluoranthene	3400	190	3000	ug/Kg	83				0	0	
Benzo(k)fluoranthene	3400		2900	ug/Kg	85				0	0	
Benzo(a)pyrene	3400	130	2900	ug/Kg	81				0	0	
Indeno(1,2,3-cd)pyrene	3400		2900	ug/Kg	85				0	0	
Dibenzo(a,h)anthracene	3400		2900	ug/Kg	85				0	0	
Benzo(g,h,i)perylene	3400	99	2800	ug/Kg	79				0	0	
2,3,4,6-Tetrachlorophenol	3400		3000	ug/Kg	88				0	0	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: P4568-05MSD		**Client Sample ID: A4EF5MSD**						**DataFile:**	**BP022848.D**		
1,4-Dioxane	1400		860	ug/Kg	61		2		15	120	50
Benzaldehyde	3400		370	ug/Kg	11		0		0	0	0
Pyridine	3400		2500	ug/Kg	74		8	*	0	0	0
Phenol	3400		2800	ug/Kg	82		0		26	90	35
Bis(2-chloroethyl)ether	3400		2600	ug/Kg	76		0		0	0	0
2-Chlorophenol	3400		2900	ug/Kg	85		0		25	102	50
2-Methylphenol	3400		2800	ug/Kg	82		0		0	0	0
2,2-oxybis(1-Chloropropane)	3400		2500	ug/Kg	74		3	*	0	0	0
Acetophenone	3400		2700	ug/Kg	79		0		0	0	0
4-Methylphenol	3400		2800	ug/Kg	82		0		0	0	0
N-Nitroso-di-n-propylamine	3400		2600	ug/Kg	76		4		41	126	38
Hexachloroethane	3400		2800	ug/Kg	82		4	*	0	0	0
Nitrobenzene	3400		2800	ug/Kg	82		4	*	0	0	0
Isophorone	3400		2700	ug/Kg	79		0		0	0	0
2-Nitrophenol	3400		3000	ug/Kg	88		3	*	0	0	0
2,4-Dimethylphenol	3400		2900	ug/Kg	85		0		0	0	0
Bis(2-chloroethoxy)methane	3400		2600	ug/Kg	76		4	*	0	0	0
2,4-Dichlorophenol	3400		3100	ug/Kg	91		0		0	0	0
Naphthalene	3400		2900	ug/Kg	85		4	*	0	0	0
4-Chloroaniline	3400		1700	ug/Kg	50		6	*	0	0	0
Hexachlorobutadiene	3400		2900	ug/Kg	85		3	*	0	0	0
Caprolactam	3400		2700	ug/Kg	79		0		0	0	0
4-Chloro-3-methylphenol	3400		3000	ug/Kg	88		0		26	103	33
1-Methylnaphthalene	3400		2800	ug/Kg	82		0		0	0	0
2-Methylnaphthalene	3400		2900	ug/Kg	85		0		0	0	0
Hexachlorocyclopentadiene	3400		1500	ug/Kg	44		7	*	0	0	0
2,4,6-Trichlorophenol	3400		3100	ug/Kg	91		7	*	0	0	0
2,4,5-Trichlorophenol	3400		3200	ug/Kg	94		7	*	0	0	0
1,1'-Biphenyl	3400		2900	ug/Kg	85		4	*	0	0	0
2-Chloronaphthalene	3400		3000	ug/Kg	88		7	*	0	0	0
2-Nitroaniline	3400		2900	ug/Kg	85		7	*	0	0	0
Dimethylphthalate	3400		2800	ug/Kg	82		4	*	0	0	0
2,6-Dinitrotoluene	3400		3100	ug/Kg	91		3	*	0	0	0
Acenaphthylene	3400		2900	ug/Kg	85		7	*	0	0	0
3-Nitroaniline	3400		2900	ug/Kg	85		7	*	0	0	0
Acenaphthene	3400		2900	ug/Kg	85		4		31	137	19
2,4-Dinitrophenol	3400		2300	ug/Kg	68		0		0	0	0
4-Nitrophenol	3400		2800	ug/Kg	82		8		11	114	50
Dibenzofuran	3400		2900	ug/Kg	85		4	*	0	0	0
2,4-Dinitrotoluene	3400		3200	ug/Kg	94	*	10		28	89	47
Diethylphthalate	3400		2900	ug/Kg	85		4	*	0	0	0
Fluorene	3400		3000	ug/Kg	88		7	*	0	0	0
4-Chlorophenyl-phenylether	3400		3000	ug/Kg	88		3	*	0	0	0
4-Nitroaniline	3400		3300	ug/Kg	97		10	*	0	0	0
4,6-Dinitro-2-methylphenol	3400		2400	ug/Kg	71		4	*	0	0	0
N-Nitrosodiphenylamine	3400		2800	ug/Kg	82		0		0	0	0

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	3400		3000	ug/Kg	88		7	*	0	0	0
4-Bromophenyl-phenylether	3400		3100	ug/Kg	91		0		0	0	0
Hexachlorobenzene	3400		3000	ug/Kg	88		3	*	0	0	0
Atrazine	3400		3000	ug/Kg	88		0		0	0	0
Pentachlorophenol	3400		3100	ug/Kg	91		3		17	109	47
Phenanthrene	3400	210	3000	ug/Kg	82		4	*	0	0	0
Pentachlorobenzene	3400		2800	ug/Kg	82		4	*	0	0	0
Anthracene	3400		2800	ug/Kg	82		0		0	0	0
1,2,3,4-Tetrachlorobenzene	3400		2900	ug/Kg	85		0		0	0	0
Carbazole	3400		2800	ug/Kg	82		0		0	0	0
Di-n-butylphthalate	3400		2800	ug/Kg	82		4	*	0	0	0
Fluoranthene	3400	300	3400	ug/Kg	91		3	*	0	0	0
Pyrene	3400	260	3300	ug/Kg	89		3		35	142	36
Butylbenzylphthalate	3400		3000	ug/Kg	88		0		0	0	0
3,3'-Dichlorobenzidine	3400		2400	ug/Kg	71		4	*	0	0	0
Benzo(a)anthracene	3400	130	3000	ug/Kg	84		6	*	0	0	0
Chrysene	3400	160	3100	ug/Kg	86		6	*	0	0	0
Bis(2-ethylhexyl)phthalate	3400		3000	ug/Kg	88		3	*	0	0	0
Di-n-octylphthalate	3400		2900	ug/Kg	85		0		0	0	0
Benzo(b)fluoranthene	3400	190	3100	ug/Kg	86		4	*	0	0	0
Benzo(k)fluoranthene	3400		3000	ug/Kg	88		3	*	0	0	0
Benzo(a)pyrene	3400	130	3000	ug/Kg	84		4	*	0	0	0
Indeno(1,2,3-cd)pyrene	3400		3000	ug/Kg	88		3	*	0	0	0
Dibenzo(a,h)anthracene	3400		2900	ug/Kg	85		0		0	0	0
Benzo(g,h,i)perylene	3400	99	2900	ug/Kg	82		4	*	0	0	0
2,3,4,6-Tetrachlorophenol	3400		3200	ug/Kg	94		7	*	0	0	0

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4568-02	A4EA4	BP022823.D	1,4-Dioxane-d8	8	2.95	37		15	120
			Pyridine-d5	40	0.00	0	*	20	120
		BP022831.D	1,4-Dioxane-d8	8	2.64	33		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	16.28	41		10	130
		BP022823.D	Phenol-d5	40	15.53	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.61	39		10	150
		BP022831.D	Bis(2-Chloroethyl)ether-d8	40	15.61	39		10	150
			2-Chlorophenol-d4	40	17.53	44		15	120
		BP022823.D	2-Chlorophenol-d4	40	16.54	41		15	120
			4-Methylphenol-d8	40	15.17	38		10	140
		BP022831.D	4-Methylphenol-d8	40	15.29	38		10	140
		BP022823.D	Nitrobenzene-d5	40	15.63	39		10	135
		BP022831.D	Nitrobenzene-d5	40	17.56	44		10	135
		BP022823.D	2-Nitrophenol-d4	40	17.24	43		10	120
		BP022831.D	2-Nitrophenol-d4	40	17.72	44		10	120
			2,4-Dichlorophenol-d3	40	20.88	52		10	140
		BP022823.D	2,4-Dichlorophenol-d3	40	21.56	54		10	140
			4-Chloroaniline-d4	40	11.88	30		1	145
		BP022831.D	4-Chloroaniline-d4	40	11.66	29		1	145
			Dimethylphthalate-d6	40	19.08	48		10	145
		BP022823.D	Dimethylphthalate-d6	40	18.16	45		10	145
			Acenaphthylene-d8	40	19.01	48		15	120
		BP022831.D	Acenaphthylene-d8	40	18.60	46		15	120
			4-Nitrophenol-d4	40	14.98	37		10	150
		BP022823.D	4-Nitrophenol-d4	40	14.94	37		10	150
			Fluorene-d10	40	20.49	51		20	140
		BP022831.D	Fluorene-d10	40	19.96	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.86	35		10	130
		BP022823.D	4,6-Dinitro-2-methylphenol-d2	40	12.62	32		10	130
			Anthracene-d10	40	19.44	49		10	150
		BP022831.D	Anthracene-d10	40	19.25	48		10	150
			Pyrene-d10	40	20.46	51		10	130
		BP022823.D	Pyrene-d10	40	19.08	48		10	130
			Benzo(a)pyrene-d12	40	19.71	49		10	140
		BP022831.D	Benzo(a)pyrene-d12	40	19.65	49		10	140
P4568-02DL	A4EA4DL	BP022827.D	1,4-Dioxane-d8	8	2.50	31		15	120
			Pyridine-d5	40	0.00	0	*	20	120
		BP022832.D	1,4-Dioxane-d8	8	2.94	37		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	16.62	42		10	130
		BP022827.D	Phenol-d5	40	17.42	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.14	43		10	150
		BP022832.D	Bis(2-Chloroethyl)ether-d8	40	16.79	42		10	150
			2-Chlorophenol-d4	40	19.07	48		15	120
		BP022827.D	2-Chlorophenol-d4	40	18.49	46		15	120
			4-Methylphenol-d8	40	14.95	37		10	140
		BP022832.D	4-Methylphenol-d8	40	15.70	39		10	140
			Nitrobenzene-d5	40	18.84	47		10	135

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4568-02DL	A4EA4DL	BP022827.D	Nitrobenzene-d5	40	18.50	46		10	135
			2-Nitrophenol-d4	40	17.50	44		10	120
		BP022832.D	2-Nitrophenol-d4	40	17.09	43		10	120
			2,4-Dichlorophenol-d3	40	22.47	56		10	140
		BP022827.D	2,4-Dichlorophenol-d3	40	21.89	55		10	140
			4-Chloroaniline-d4	40	13.03	33		1	145
		BP022832.D	4-Chloroaniline-d4	40	11.93	30		1	145
			Dimethylphthalate-d6	40	19.66	49		10	145
		BP022827.D	Dimethylphthalate-d6	40	19.66	49		10	145
			Acenaphthylene-d8	40	20.62	52		15	120
		BP022832.D	Acenaphthylene-d8	40	20.79	52		15	120
			4-Nitrophenol-d4	40	14.39	36		10	150
		BP022827.D	4-Nitrophenol-d4	40	13.97	35		10	150
			Fluorene-d10	40	21.52	54		20	140
		BP022832.D	Fluorene-d10	40	21.62	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.19	23		10	130
		BP022827.D	4,6-Dinitro-2-methylphenol-d2	40	9.39	23		10	130
			Anthracene-d10	40	21.20	53		10	150
		BP022832.D	Anthracene-d10	40	20.96	52		10	150
			Pyrene-d10	40	23.50	59		10	130
		BP022827.D	Pyrene-d10	40	22.90	57		10	130
			Benzo(a)pyrene-d12	40	21.25	53		10	140
		BP022832.D	Benzo(a)pyrene-d12	40	21.02	53		10	140
P4568-03	A4EF5	BP022846.D	1,4-Dioxane-d8	8	3.64	45		15	120
			Pyridine-d5	40	17.66	44		20	120
			Phenol-d5	40	21.80	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.01	55		10	150
			2-Chlorophenol-d4	40	24.17	60		15	120
			4-Methylphenol-d8	40	24.42	61		10	140
			Nitrobenzene-d5	40	24.91	62		10	135
			2-Nitrophenol-d4	40	26.09	65		10	120
			2,4-Dichlorophenol-d3	40	26.15	65		10	140
			4-Chloroaniline-d4	40	21.32	53		1	145
			Dimethylphthalate-d6	40	26.85	67		10	145
			Acenaphthylene-d8	40	26.93	67		15	120
			4-Nitrophenol-d4	40	17.24	43		10	150
			Fluorene-d10	40	28.41	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.04	43		10	130
			Anthracene-d10	40	28.53	71		10	150
			Pyrene-d10	40	27.52	69		10	130
			Benzo(a)pyrene-d12	40	28.86	72		10	140
P4568-04MS	A4EF5MS	BP022847.D	1,4-Dioxane-d8	8	2.69	34		15	120
			Pyridine-d5	40	14.38	36		20	120
			Phenol-d5	40	17.71	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.89	42		10	150
			2-Chlorophenol-d4	40	19.32	48		15	120
			4-Methylphenol-d8	40	19.15	48		10	140
			Nitrobenzene-d5	40	19.08	48		10	135
			2-Nitrophenol-d4	40	20.13	50		10	120

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4568-04MS	A4EF5MS	BP022847.D	2,4-Dichlorophenol-d3	40	21.90	55		10	140
			4-Chloroaniline-d4	40	17.66	44		1	145
			Dimethylphthalate-d6	40	19.67	49		10	145
			Acenaphthylene-d8	40	20.07	50		15	120
			4-Nitrophenol-d4	40	14.24	36		10	150
			Fluorene-d10	40	20.64	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.87	42		10	130
			Anthracene-d10	40	21.09	53		10	150
			Pyrene-d10	40	22.38	56		10	130
			Benzo(a)pyrene-d12	40	21.63	54		10	140
P4568-05MSD	A4EF5MSD	BP022848.D	1,4-Dioxane-d8	8	2.71	34		15	120
			Pyridine-d5	40	14.95	37		20	120
			Phenol-d5	40	18.36	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.45	44		10	150
			2-Chlorophenol-d4	40	19.52	49		15	120
			4-Methylphenol-d8	40	19.53	49		10	140
			Nitrobenzene-d5	40	19.61	49		10	135
			2-Nitrophenol-d4	40	20.93	52		10	120
			2,4-Dichlorophenol-d3	40	22.15	55		10	140
			4-Chloroaniline-d4	40	17.50	44		1	145
			Dimethylphthalate-d6	40	20.79	52		10	145
			Acenaphthylene-d8	40	21.12	53		15	120
			4-Nitrophenol-d4	40	16.16	40		10	150
			Fluorene-d10	40	22.26	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.28	41		10	130
			Anthracene-d10	40	21.05	53		10	150
			Pyrene-d10	40	23.13	58		10	130
			Benzo(a)pyrene-d12	40	22.57	56		10	140
P4568-06	A4EF6	BP022833.D	1,4-Dioxane-d8	8	0.97	12	*	15	120
			Pyridine-d5	40	0.76	2	*	20	120
		BP022824.D	1,4-Dioxane-d8	8	0.89	11	*	15	120
			Pyridine-d5	40	0.93	2	*	20	120
			Phenol-d5	40	4.64	12		10	130
		BP022833.D	Phenol-d5	40	9.35	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.05	25		10	150
		BP022824.D	Bis(2-Chloroethyl)ether-d8	40	5.29	13		10	150
			2-Chlorophenol-d4	40	5.40	13	*	15	120
		BP022833.D	2-Chlorophenol-d4	40	10.49	26		15	120
			4-Methylphenol-d8	40	8.72	22		10	140
		BP022824.D	4-Methylphenol-d8	40	4.25	11		10	140
			Nitrobenzene-d5	40	5.25	13		10	135
		BP022833.D	Nitrobenzene-d5	40	11.00	27		10	135
			2-Nitrophenol-d4	40	10.95	27		10	120
		BP022824.D	2-Nitrophenol-d4	40	5.27	13		10	120
			2,4-Dichlorophenol-d3	40	5.07	13		10	140
		BP022833.D	2,4-Dichlorophenol-d3	40	10.31	26		10	140
			4-Chloroaniline-d4	40	5.70	14		1	145
		BP022824.D	4-Chloroaniline-d4	40	1.61	4		1	145
			Dimethylphthalate-d6	40	5.98	15		10	145

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4568-06	A4EF6	BP022833.D	Dimethylphthalate-d6	40	11.62	29		10	145
			Acenaphthylene-d8	40	10.85	27		15	120
		BP022824.D	Acenaphthylene-d8	40	5.39	13	*	15	120
			4-Nitrophenol-d4	40	2.27	6	*	10	150
		BP022833.D	4-Nitrophenol-d4	40	6.37	16		10	150
			Fluorene-d10	40	11.65	29		20	140
		BP022824.D	Fluorene-d10	40	6.20	16	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.63	7	*	10	130
		BP022833.D	4,6-Dinitro-2-methylphenol-d2	40	6.42	16		10	130
			Anthracene-d10	40	11.00	28		10	150
		BP022824.D	Anthracene-d10	40	5.62	14		10	150
			Pyrene-d10	40	4.62	12		10	130
		BP022833.D	Pyrene-d10	40	9.98	25		10	130
			Benzo(a)pyrene-d12	40	8.19	20		10	140
		BP022824.D	Benzo(a)pyrene-d12	40	2.91	7	*	10	140
P4568-07	A4EF8	BP022825.D	1,4-Dioxane-d8	8	2.75	34		15	120
			Pyridine-d5	40	14.17	35		20	120
			Phenol-d5	40	16.08	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.95	40		10	150
			2-Chlorophenol-d4	40	17.58	44		15	120
			4-Methylphenol-d8	40	17.14	43		10	140
			Nitrobenzene-d5	40	17.41	44		10	135
			2-Nitrophenol-d4	40	17.82	45		10	120
			2,4-Dichlorophenol-d3	40	17.68	44		10	140
			4-Chloroaniline-d4	40	16.11	40		1	145
			Dimethylphthalate-d6	40	18.18	45		10	145
			Acenaphthylene-d8	40	18.64	47		15	120
			4-Nitrophenol-d4	40	9.64	24		10	150
			Fluorene-d10	40	19.44	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.17	20		10	130
			Anthracene-d10	40	19.13	48		10	150
			Pyrene-d10	40	19.24	48		10	130
			Benzo(a)pyrene-d12	40	19.86	50		10	140
P4568-08	A4EF9	BP022826.D	1,4-Dioxane-d8	8	2.84	35		15	120
			Pyridine-d5	40	13.36	33		20	120
			Phenol-d5	40	16.87	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.83	45		10	150
			2-Chlorophenol-d4	40	18.44	46		15	120
			4-Methylphenol-d8	40	18.46	46		10	140
			Nitrobenzene-d5	40	18.49	46		10	135
			2-Nitrophenol-d4	40	20.06	50		10	120
			2,4-Dichlorophenol-d3	40	19.52	49		10	140
			4-Chloroaniline-d4	40	17.46	44		1	145
			Dimethylphthalate-d6	40	21.91	55		10	145
			Acenaphthylene-d8	40	20.77	52		15	120
			4-Nitrophenol-d4	40	12.93	32		10	150
			Fluorene-d10	40	22.27	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.96	32		10	130
			Anthracene-d10	40	22.93	57		10	150

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4568-08	A4EF9	BP022826.D	Pyrene-d10	40	23.33	58		10	130
			Benzo(a)pyrene-d12	40	23.32	58		10	140
P4568-09	A4EG0	BP022828.D	1,4-Dioxane-d8	8	1.58	20		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	7.99	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	8.59	21		10	150
			2-Chlorophenol-d4	40	9.05	23		15	120
			4-Methylphenol-d8	40	7.59	19		10	140
			Nitrobenzene-d5	40	9.02	23		10	135
			2-Nitrophenol-d4	40	8.75	22		10	120
			2,4-Dichlorophenol-d3	40	8.92	22		10	140
			4-Chloroaniline-d4	40	2.05	5		1	145
			Dimethylphthalate-d6	40	9.91	25		10	145
			Acenaphthylene-d8	40	9.34	23		15	120
			4-Nitrophenol-d4	40	4.97	12		10	150
			Fluorene-d10	40	10.40	26		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.54	11		10	130
			Anthracene-d10	40	9.71	24		10	150
			Pyrene-d10	40	7.58	19		10	130
			Benzo(a)pyrene-d12	40	5.02	13		10	140
P4568-10	A4EH4	BP022855.D	1,4-Dioxane-d8	8	1.63	20		15	120
			Pyridine-d5	40	0.88	2	*	20	120
			Phenol-d5	40	10.98	27		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.41	26		10	150
			2-Chlorophenol-d4	40	11.83	30		15	120
			4-Methylphenol-d8	40	10.90	27		10	140
			Nitrobenzene-d5	40	11.60	29		10	135
			2-Nitrophenol-d4	40	11.71	29		10	120
			2,4-Dichlorophenol-d3	40	11.83	30		10	140
			4-Chloroaniline-d4	40	2.75	7		1	145
			Dimethylphthalate-d6	40	12.12	30		10	145
			Acenaphthylene-d8	40	11.94	30		15	120
			4-Nitrophenol-d4	40	7.00	18		10	150
			Fluorene-d10	40	12.69	32		20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.85	10		10	130
			Anthracene-d10	40	12.27	31		10	150
			Pyrene-d10	40	9.93	25		10	130
			Benzo(a)pyrene-d12	40	6.14	15		10	140
P4568-11	A4EK1	BP022856.D	1,4-Dioxane-d8	8	2.77	35		15	120
			Pyridine-d5	40	14.55	36		20	120
			Phenol-d5	40	18.44	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.96	45		10	150
			2-Chlorophenol-d4	40	20.00	50		15	120
			4-Methylphenol-d8	40	20.45	51		10	140
			Nitrobenzene-d5	40	19.83	50		10	135
			2-Nitrophenol-d4	40	21.30	53		10	120
			2,4-Dichlorophenol-d3	40	20.82	52		10	140
			4-Chloroaniline-d4	40	18.89	47		1	145
			Dimethylphthalate-d6	40	20.85	52		10	145

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4568-11	A4EK1	BP022856.D	Acenaphthylene-d8	40	21.22	53		15	120
			4-Nitrophenol-d4	40	14.25	36		10	150
			Fluorene-d10	40	22.47	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.64	27		10	130
			Anthracene-d10	40	21.75	54		10	150
			Pyrene-d10	40	24.26	61		10	130
			Benzo(a)pyrene-d12	40	22.16	55		10	140
P4568-12	A4EE2	BP022873.D	1,4-Dioxane-d8	8	0.86	11	*	15	120
			Pyridine-d5	40	1.23	3	*	20	120
		BP022894.D	1,4-Dioxane-d8	8	1.15	14	*	15	120
			Pyridine-d5	40	1.95	5	*	20	120
			Phenol-d5	40	8.84	22		10	130
		BP022873.D	Phenol-d5	40	5.08	13		10	130
			Bis(2-Chloroethyl)ether-d8	40	5.37	13		10	150
		BP022894.D	Bis(2-Chloroethyl)ether-d8	40	8.63	22		10	150
			2-Chlorophenol-d4	40	9.83	25		15	120
		BP022873.D	2-Chlorophenol-d4	40	5.78	14	*	15	120
			4-Methylphenol-d8	40	4.54	11		10	140
		BP022894.D	4-Methylphenol-d8	40	8.56	21		10	140
		BP022873.D	Nitrobenzene-d5	40	5.76	14		10	135
		BP022894.D	Nitrobenzene-d5	40	9.29	23		10	135
			2-Nitrophenol-d4	40	9.34	23		10	120
		BP022873.D	2-Nitrophenol-d4	40	5.74	14		10	120
			2,4-Dichlorophenol-d3	40	5.40	13		10	140
		BP022894.D	2,4-Dichlorophenol-d3	40	9.18	23		10	140
			4-Chloroaniline-d4	40	5.20	13		1	145
		BP022873.D	4-Chloroaniline-d4	40	2.12	5		1	145
			Dimethylphthalate-d6	40	6.02	15		10	145
		BP022894.D	Dimethylphthalate-d6	40	9.38	23		10	145
			Acenaphthylene-d8	40	9.51	24		15	120
		BP022873.D	Acenaphthylene-d8	40	5.69	14	*	15	120
			4-Nitrophenol-d4	40	3.29	8	*	10	150
		BP022894.D	4-Nitrophenol-d4	40	6.05	15		10	150
			Fluorene-d10	40	10.09	25		20	140
		BP022873.D	Fluorene-d10	40	6.13	15	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.11	5	*	10	130
		BP022894.D	4,6-Dinitro-2-methylphenol-d2	40	2.00	5	*	10	130
			Anthracene-d10	40	9.60	24		10	150
		BP022873.D	Anthracene-d10	40	5.53	14		10	150
			Pyrene-d10	40	4.59	11		10	130
		BP022894.D	Pyrene-d10	40	8.51	21		10	130
			Benzo(a)pyrene-d12	40	6.55	16		10	140
		BP022873.D	Benzo(a)pyrene-d12	40	3.06	8	*	10	140
P4568-13	A4EE3	BP022874.D	1,4-Dioxane-d8	8	1.04	13	*	15	120
			Pyridine-d5	40	1.30	3	*	20	120
			Phenol-d5	40	6.13	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	6.27	16		10	150
			2-Chlorophenol-d4	40	6.94	17		15	120
			4-Methylphenol-d8	40	5.30	13		10	140

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4568-13	A4EE3	BP022874.D	Nitrobenzene-d5	40	6.71	17		10	135
			2-Nitrophenol-d4	40	6.60	17		10	120
			2,4-Dichlorophenol-d3	40	6.77	17		10	140
			4-Chloroaniline-d4	40	1.85	5		1	145
			Dimethylphthalate-d6	40	7.23	18		10	145
			Acenaphthylene-d8	40	6.92	17		15	120
			4-Nitrophenol-d4	40	3.97	10		10	150
			Fluorene-d10	40	7.69	19	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.39	6	*	10	130
			Anthracene-d10	40	7.05	18		10	150
			Pyrene-d10	40	5.64	14		10	130
			Benzo(a)pyrene-d12	40	3.75	9	*	10	140
P4568-14	A4EE4	BP022849.D	1,4-Dioxane-d8	8	0.98	12	*	15	120
			Pyridine-d5	40	0.81	2	*	20	120
			Phenol-d5	40	6.01	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	6.51	16		10	150
			2-Chlorophenol-d4	40	6.89	17		15	120
			4-Methylphenol-d8	40	6.32	16		10	140
			Nitrobenzene-d5	40	6.95	17		10	135
			2-Nitrophenol-d4	40	6.86	17		10	120
			2,4-Dichlorophenol-d3	40	6.87	17		10	140
			4-Chloroaniline-d4	40	0.90	2		1	145
			Dimethylphthalate-d6	40	7.47	19		10	145
			Acenaphthylene-d8	40	7.23	18		15	120
			4-Nitrophenol-d4	40	4.20	10		10	150
			Fluorene-d10	40	7.82	20		20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.15	5	*	10	130
			Anthracene-d10	40	7.87	20		10	150
			Pyrene-d10	40	6.10	15		10	130
			Benzo(a)pyrene-d12	40	3.73	9	*	10	140
P4568-15	A4EE5	BP022839.D	1,4-Dioxane-d8	8	1.35	17		15	120
			Pyridine-d5	40	1.13	3	*	20	120
			Phenol-d5	40	6.03	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	7.00	17		10	150
			2-Chlorophenol-d4	40	7.33	18		15	120
			4-Methylphenol-d8	40	6.23	16		10	140
			Nitrobenzene-d5	40	6.95	17		10	135
			2-Nitrophenol-d4	40	6.69	17		10	120
			2,4-Dichlorophenol-d3	40	6.92	17		10	140
			4-Chloroaniline-d4	40	2.71	7		1	145
			Dimethylphthalate-d6	40	7.62	19		10	145
			Acenaphthylene-d8	40	7.27	18		15	120
			4-Nitrophenol-d4	40	3.61	9	*	10	150
			Fluorene-d10	40	7.98	20		20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.69	7	*	10	130
			Anthracene-d10	40	7.49	19		10	150
			Pyrene-d10	40	5.57	14		10	130
			Benzo(a)pyrene-d12	40	3.56	9	*	10	140
P4568-16	A4EE6	BP022834.D	1,4-Dioxane-d8	8	1.05	13	*	15	120

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4568-16	A4EE6	BP022834.D	Pyridine-d5	40	0.83	2	*	20	120
			Phenol-d5	40	5.97	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	5.89	15		10	150
			2-Chlorophenol-d4	40	6.47	16		15	120
			4-Methylphenol-d8	40	4.97	12		10	140
			Nitrobenzene-d5	40	6.51	16		10	135
			2-Nitrophenol-d4	40	6.40	16		10	120
			2,4-Dichlorophenol-d3	40	6.53	16		10	140
			4-Chloroaniline-d4	40	2.02	5		1	145
			Dimethylphthalate-d6	40	7.53	19		10	145
			Acenaphthylene-d8	40	6.89	17		15	120
			4-Nitrophenol-d4	40	3.71	9	*	10	150
			Fluorene-d10	40	7.89	20		20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.02	8	*	10	130
			Anthracene-d10	40	7.12	18		10	150
			Pyrene-d10	40	6.33	16		10	130
			Benzo(a)pyrene-d12	40	4.06	10		10	140
P4568-17	A4EF1	BP022853.D	1,4-Dioxane-d8	8	1.67	21		15	120
			Pyridine-d5	40	6.78	17	*	20	120
			Phenol-d5	40	12.08	30		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.47	29		10	150
			2-Chlorophenol-d4	40	13.04	33		15	120
			4-Methylphenol-d8	40	12.98	32		10	140
			Nitrobenzene-d5	40	13.17	33		10	135
			2-Nitrophenol-d4	40	13.61	34		10	120
			2,4-Dichlorophenol-d3	40	13.79	34		10	140
			4-Chloroaniline-d4	40	7.63	19		1	145
			Dimethylphthalate-d6	40	14.32	36		10	145
			Acenaphthylene-d8	40	14.24	36		15	120
			4-Nitrophenol-d4	40	10.11	25		10	150
			Fluorene-d10	40	15.18	38		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.08	15		10	130
			Anthracene-d10	40	15.01	38		10	150
			Pyrene-d10	40	14.19	35		10	130
			Benzo(a)pyrene-d12	40	11.17	28		10	140
P4568-18	A4EF2	BP022850.D	1,4-Dioxane-d8	8	2.35	29		15	120
			Pyridine-d5	40	7.94	20		20	120
			Phenol-d5	40	16.36	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.26	38		10	150
			2-Chlorophenol-d4	40	17.69	44		15	120
			4-Methylphenol-d8	40	14.26	36		10	140
			Nitrobenzene-d5	40	17.23	43		10	135
			2-Nitrophenol-d4	40	17.56	44		10	120
			2,4-Dichlorophenol-d3	40	17.59	44		10	140
			4-Chloroaniline-d4	40	8.47	21		1	145
			Dimethylphthalate-d6	40	17.34	43		10	145
			Acenaphthylene-d8	40	17.27	43		15	120
			4-Nitrophenol-d4	40	12.74	32		10	150
			Fluorene-d10	40	18.13	45		20	140

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4568-18	A4EF2	BP022850.D	4,6-Dinitro-2-methylphenol-d2	40	7.22	18		10	130
			Anthracene-d10	40	17.51	44		10	150
			Pyrene-d10	40	16.81	42		10	130
			Benzo(a)pyrene-d12	40	12.70	32		10	140
P4568-19	A4EF3	BP022854.D	1,4-Dioxane-d8	8	2.26	28		15	120
			Pyridine-d5	40	12.83	32		20	120
			Phenol-d5	40	16.11	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.61	39		10	150
			2-Chlorophenol-d4	40	17.33	43		15	120
			4-Methylphenol-d8	40	17.29	43		10	140
			Nitrobenzene-d5	40	17.41	44		10	135
			2-Nitrophenol-d4	40	18.22	46		10	120
			2,4-Dichlorophenol-d3	40	17.49	44		10	140
			4-Chloroaniline-d4	40	16.33	41		1	145
			Dimethylphthalate-d6	40	17.81	45		10	145
			Acenaphthylene-d8	40	18.34	46		15	120
			4-Nitrophenol-d4	40	12.44	31		10	150
			Fluorene-d10	40	18.67	47		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.16	23		10	130
			Anthracene-d10	40	19.31	48		10	150
			Pyrene-d10	40	20.16	50		10	130
			Benzo(a)pyrene-d12	40	19.72	49		10	140
P4568-20	A4EF4	BP022851.D	1,4-Dioxane-d8	8	2.55	32		15	120
			Pyridine-d5	40	13.23	33		20	120
			Phenol-d5	40	17.28	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.71	42		10	150
			2-Chlorophenol-d4	40	18.57	46		15	120
			4-Methylphenol-d8	40	18.59	46		10	140
			Nitrobenzene-d5	40	18.36	46		10	135
			2-Nitrophenol-d4	40	19.74	49		10	120
			2,4-Dichlorophenol-d3	40	19.36	48		10	140
			4-Chloroaniline-d4	40	16.78	42		1	145
			Dimethylphthalate-d6	40	20.68	52		10	145
			Acenaphthylene-d8	40	20.20	51		15	120
			4-Nitrophenol-d4	40	13.39	33		10	150
			Fluorene-d10	40	21.51	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.87	25		10	130
			Anthracene-d10	40	20.51	51		10	150
			Pyrene-d10	40	23.31	58		10	130
			Benzo(a)pyrene-d12	40	21.67	54		10	140
P4568-21	A4EF7	BP022852.D	1,4-Dioxane-d8	8	2.28	28		15	120
			Pyridine-d5	40	10.15	25		20	120
			Phenol-d5	40	16.25	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.93	37		10	150
			2-Chlorophenol-d4	40	17.06	43		15	120
			4-Methylphenol-d8	40	14.67	37		10	140
			Nitrobenzene-d5	40	17.42	44		10	135
			2-Nitrophenol-d4	40	18.21	46		10	120
			2,4-Dichlorophenol-d3	40	18.36	46		10	140

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4568-21	A4EF7	BP022852.D	4-Chloroaniline-d4	40	10.52	26		1	145
			Dimethylphthalate-d6	40	18.19	45		10	145
			Acenaphthylene-d8	40	18.46	46		15	120
			4-Nitrophenol-d4	40	13.43	34		10	150
			Fluorene-d10	40	18.93	47		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.73	22		10	130
			Anthracene-d10	40	18.29	46		10	150
			Pyrene-d10	40	17.29	43		10	130
			Benzo(a)pyrene-d12	40	14.78	37		10	140
PB164462BL	PB164462BL	BP022830.D	1,4-Dioxane-d8	8	4.43	55		15	120
			Pyridine-d5	40	23.39	58		20	120
		BP022822.D	Pyridine-d5	40	22.39	56		20	120
			1,4-Dioxane-d8	8	4.71	59		15	120
		BP022872.D	1,4-Dioxane-d8	8	4.04	50		15	120
			Pyridine-d5	40	22.48	56		20	120
			Phenol-d5	40	24.45	61		10	130
		BP022822.D	Phenol-d5	40	22.47	56		10	130
		BP022830.D	Phenol-d5	40	23.84	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.72	59		10	150
		BP022822.D	Bis(2-Chloroethyl)ether-d8	40	23.88	60		10	150
		BP022872.D	Bis(2-Chloroethyl)ether-d8	40	23.44	59		10	150
			2-Chlorophenol-d4	40	26.24	66		15	120
		BP022822.D	2-Chlorophenol-d4	40	24.66	62		15	120
		BP022830.D	2-Chlorophenol-d4	40	25.93	65		15	120
			4-Methylphenol-d8	40	23.92	60		10	140
		BP022822.D	4-Methylphenol-d8	40	23.59	59		10	140
		BP022872.D	4-Methylphenol-d8	40	25.77	64		10	140
			Nitrobenzene-d5	40	26.59	66		10	135
		BP022822.D	Nitrobenzene-d5	40	25.27	63		10	135
		BP022830.D	Nitrobenzene-d5	40	24.96	62		10	135
			2-Nitrophenol-d4	40	26.74	67		10	120
		BP022822.D	2-Nitrophenol-d4	40	25.68	64		10	120
		BP022872.D	2-Nitrophenol-d4	40	27.64	69		10	120
			2,4-Dichlorophenol-d3	40	26.00	65		10	140
		BP022822.D	2,4-Dichlorophenol-d3	40	24.35	61		10	140
		BP022830.D	2,4-Dichlorophenol-d3	40	24.63	62		10	140
			4-Chloroaniline-d4	40	24.96	62		1	145
		BP022822.D	4-Chloroaniline-d4	40	23.54	59		1	145
		BP022872.D	4-Chloroaniline-d4	40	25.80	64		1	145
			Dimethylphthalate-d6	40	25.77	64		10	145
		BP022822.D	Dimethylphthalate-d6	40	27.33	68		10	145
		BP022830.D	Dimethylphthalate-d6	40	27.11	68		10	145
			Acenaphthylene-d8	40	26.19	65		15	120
		BP022822.D	Acenaphthylene-d8	40	25.48	64		15	120
		BP022872.D	Acenaphthylene-d8	40	26.33	66		15	120
			4-Nitrophenol-d4	40	19.42	49		10	150
		BP022822.D	4-Nitrophenol-d4	40	17.10	43		10	150
		BP022830.D	4-Nitrophenol-d4	40	20.69	52		10	150
			Fluorene-d10	40	27.36	68		20	140

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB164462BL	PB164462BL	BP022822.D	Fluorene-d10	40	30.68	77		20	140
		BP022872.D	Fluorene-d10	40	26.73	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.05	40		10	130
		BP022822.D	4,6-Dinitro-2-methylphenol-d2	40	21.50	54		10	130
		BP022830.D	4,6-Dinitro-2-methylphenol-d2	40	18.66	47		10	130
			Anthracene-d10	40	27.08	68		10	150
		BP022822.D	Anthracene-d10	40	27.50	69		10	150
		BP022872.D	Anthracene-d10	40	27.60	69		10	150
			Pyrene-d10	40	27.54	69		10	130
		BP022822.D	Pyrene-d10	40	29.31	73		10	130
		BP022830.D	Pyrene-d10	40	27.14	68		10	130
			Benzo(a)pyrene-d12	40	28.01	70		10	140
		BP022822.D	Benzo(a)pyrene-d12	40	27.45	69		10	140
		BP022872.D	Benzo(a)pyrene-d12	40	27.44	69		10	140
PB164462BS	PB164462BS	BP022843.D	1,4-Dioxane-d8	8	3.66	46		15	120
			Pyridine-d5	40	20.04	50		20	120
			Phenol-d5	40	22.15	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.28	51		10	150
			2-Chlorophenol-d4	40	23.45	59		15	120
			4-Methylphenol-d8	40	23.17	58		10	140
			Nitrobenzene-d5	40	22.39	56		10	135
			2-Nitrophenol-d4	40	23.99	60		10	120
			2,4-Dichlorophenol-d3	40	24.69	62		10	140
			4-Chloroaniline-d4	40	20.27	51		1	145
			Dimethylphthalate-d6	40	22.24	56		10	145
			Acenaphthylene-d8	40	22.77	57		15	120
			4-Nitrophenol-d4	40	20.32	51		10	150
			Fluorene-d10	40	22.81	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.72	52		10	130
			Anthracene-d10	40	22.89	57		10	150
			Pyrene-d10	40	23.12	58		10	130
			Benzo(a)pyrene-d12	40	23.44	59		10	140

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4581-01	A4EC9	BP022875.D	1,4-Dioxane-d8	8	3.52	44		15	120
			Pyridine-d5	40	17.86	45		20	120
			Phenol-d5	40	24.79	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.27	58		10	150
			2-Chlorophenol-d4	40	25.98	65		15	120
			4-Methylphenol-d8	40	25.09	63		10	140
			Nitrobenzene-d5	40	25.75	64		10	135
			2-Nitrophenol-d4	40	28.25	71		10	120
			2,4-Dichlorophenol-d3	40	27.05	68		10	140
			4-Chloroaniline-d4	40	21.73	54		1	145
			Dimethylphthalate-d6	40	25.67	64		10	145
			Acenaphthylene-d8	40	27.13	68		15	120
			4-Nitrophenol-d4	40	20.50	51		10	150
			Fluorene-d10	40	26.96	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.66	39		10	130
			Anthracene-d10	40	26.47	66		10	150
			Pyrene-d10	40	29.00	73		10	130
			Benzo(a)pyrene-d12	40	26.88	67		10	140
P4581-02MS	A4EC9MS	BP022876.D	1,4-Dioxane-d8	8	3.49	44		15	120
			Pyridine-d5	40	18.31	46		20	120
			Phenol-d5	40	23.91	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.93	55		10	150
			2-Chlorophenol-d4	40	25.46	64		15	120
			4-Methylphenol-d8	40	23.59	59		10	140
			Nitrobenzene-d5	40	26.35	66		10	135
			2-Nitrophenol-d4	40	27.43	69		10	120
			2,4-Dichlorophenol-d3	40	28.14	70		10	140
			4-Chloroaniline-d4	40	22.10	55		1	145
			Dimethylphthalate-d6	40	24.79	62		10	145
			Acenaphthylene-d8	40	26.00	65		15	120
			4-Nitrophenol-d4	40	22.49	56		10	150
			Fluorene-d10	40	25.85	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.44	51		10	130
			Anthracene-d10	40	25.59	64		10	150
			Pyrene-d10	40	27.43	69		10	130
			Benzo(a)pyrene-d12	40	26.42	66		10	140
P4581-03MSD	A4EC9MSD	BP022877.D	1,4-Dioxane-d8	8	2.91	36		15	120
			Pyridine-d5	40	16.65	42		20	120
			Phenol-d5	40	22.71	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.35	53		10	150
			2-Chlorophenol-d4	40	24.16	60		15	120
			4-Methylphenol-d8	40	22.78	57		10	140
			Nitrobenzene-d5	40	23.85	60		10	135
			2-Nitrophenol-d4	40	25.19	63		10	120
			2,4-Dichlorophenol-d3	40	25.60	64		10	140
			4-Chloroaniline-d4	40	20.15	50		1	145
			Dimethylphthalate-d6	40	23.23	58		10	145
			Acenaphthylene-d8	40	24.09	60		15	120
			4-Nitrophenol-d4	40	19.66	49		10	150

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4581-03MSD	A4EC9MSD	BP022877.D	Fluorene-d10	40	23.92	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.43	46		10	130
			Anthracene-d10	40	23.88	60		10	150
			Pyrene-d10	40	25.73	64		10	130
			Benzo(a)pyrene-d12	40	24.13	60		10	140
P4581-04	A4ED0	BP022835.D	Pyridine-d5	40	1.03	3	*	20	120
			1,4-Dioxane-d8	8	0.93	12	*	15	120
			Phenol-d5	40	5.31	13		10	130
			Bis(2-Chloroethyl)ether-d8	40	6.27	16		10	150
			2-Chlorophenol-d4	40	6.24	16		15	120
			4-Methylphenol-d8	40	3.18	8	*	10	140
			Nitrobenzene-d5	40	6.41	16		10	135
			2-Nitrophenol-d4	40	6.64	17		10	120
			2,4-Dichlorophenol-d3	40	5.79	14		10	140
			4-Chloroaniline-d4	40	3.07	8		1	145
			Dimethylphthalate-d6	40	7.25	18		10	145
			Acenaphthylene-d8	40	6.50	16		15	120
			4-Nitrophenol-d4	40	3.98	10		10	150
			Fluorene-d10	40	7.23	18	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.49	9	*	10	130
			Anthracene-d10	40	6.95	17		10	150
			Pyrene-d10	40	5.41	14		10	130
			Benzo(a)pyrene-d12	40	3.59	9	*	10	140
P4581-05	A4ED1	BP022878.D	1,4-Dioxane-d8	8	2.45	31		15	120
			Pyridine-d5	40	13.68	34		20	120
			Phenol-d5	40	17.14	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.62	42		10	150
			2-Chlorophenol-d4	40	18.36	46		15	120
			4-Methylphenol-d8	40	15.50	39		10	140
			Nitrobenzene-d5	40	18.87	47		10	135
			2-Nitrophenol-d4	40	20.30	51		10	120
			2,4-Dichlorophenol-d3	40	19.02	48		10	140
			4-Chloroaniline-d4	40	16.32	41		1	145
			Dimethylphthalate-d6	40	18.90	47		10	145
			Acenaphthylene-d8	40	19.56	49		15	120
			4-Nitrophenol-d4	40	12.16	30		10	150
			Fluorene-d10	40	19.61	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.13	20		10	130
			Anthracene-d10	40	19.68	49		10	150
			Pyrene-d10	40	21.42	54		10	130
			Benzo(a)pyrene-d12	40	20.01	50		10	140
P4581-06	A4ED2	BP022879.D	1,4-Dioxane-d8	8	3.03	38		15	120
			Pyridine-d5	40	16.52	41		20	120
			Phenol-d5	40	21.23	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.54	49		10	150
			2-Chlorophenol-d4	40	22.69	57		15	120
			4-Methylphenol-d8	40	21.67	54		10	140
			Nitrobenzene-d5	40	21.89	55		10	135
			2-Nitrophenol-d4	40	22.99	57		10	120

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4581-06	A4ED2	BP022879.D	2,4-Dichlorophenol-d3	40	23.03	58		10	140
			4-Chloroaniline-d4	40	19.53	49		1	145
			Dimethylphthalate-d6	40	22.11	55		10	145
			Acenaphthylene-d8	40	22.99	57		15	120
			4-Nitrophenol-d4	40	16.33	41		10	150
			Fluorene-d10	40	23.38	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.82	20		10	130
			Anthracene-d10	40	23.16	58		10	150
			Pyrene-d10	40	23.92	60		10	130
			Benzo(a)pyrene-d12	40	23.38	58		10	140
P4581-08	A4EA8	BP022836.D	1,4-Dioxane-d8	8	2.60	32		15	120
			Pyridine-d5	40	13.32	33		20	120
			Phenol-d5	40	16.46	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.42	39		10	150
			2-Chlorophenol-d4	40	17.43	44		15	120
			4-Methylphenol-d8	40	17.45	44		10	140
			Nitrobenzene-d5	40	17.61	44		10	135
			2-Nitrophenol-d4	40	17.75	44		10	120
			2,4-Dichlorophenol-d3	40	17.38	43		10	140
			4-Chloroaniline-d4	40	16.42	41		1	145
			Dimethylphthalate-d6	40	18.24	46		10	145
			Acenaphthylene-d8	40	18.03	45		15	120
			4-Nitrophenol-d4	40	11.62	29		10	150
			Fluorene-d10	40	18.43	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.31	26		10	130
			Anthracene-d10	40	17.81	45		10	150
			Pyrene-d10	40	19.83	50		10	130
			Benzo(a)pyrene-d12	40	18.98	47		10	140
P4581-09	A4EC2	BP022889.D	1,4-Dioxane-d8	8	2.92	37		15	120
			Pyridine-d5	40	15.82	40		20	120
			Phenol-d5	40	19.66	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.57	46		10	150
			2-Chlorophenol-d4	40	21.53	54		15	120
			4-Methylphenol-d8	40	19.50	49		10	140
			Nitrobenzene-d5	40	21.87	55		10	135
			2-Nitrophenol-d4	40	22.29	56		10	120
			2,4-Dichlorophenol-d3	40	21.54	54		10	140
			4-Chloroaniline-d4	40	19.19	48		1	145
			Dimethylphthalate-d6	40	21.79	54		10	145
			Acenaphthylene-d8	40	22.15	55		15	120
			4-Nitrophenol-d4	40	14.56	36		10	150
			Fluorene-d10	40	22.83	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.45	21		10	130
			Anthracene-d10	40	22.37	56		10	150
			Pyrene-d10	40	23.14	58		10	130
			Benzo(a)pyrene-d12	40	22.59	56		10	140
P4581-10	A4EC4	BP022881.D	1,4-Dioxane-d8	8	1.27	16		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	7.96	20		10	130

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4581-10	A4EC4	BP022881.D	Bis(2-Chloroethyl)ether-d8	40	8.02	20		10	150
			2-Chlorophenol-d4	40	8.90	22		15	120
			4-Methylphenol-d8	40	5.33	13		10	140
			Nitrobenzene-d5	40	9.16	23		10	135
			2-Nitrophenol-d4	40	9.09	23		10	120
			2,4-Dichlorophenol-d3	40	8.66	22		10	140
			4-Chloroaniline-d4	40	5.44	14		1	145
			Dimethylphthalate-d6	40	9.30	23		10	145
			Acenaphthylene-d8	40	9.15	23		15	120
			4-Nitrophenol-d4	40	6.04	15		10	150
			Fluorene-d10	40	9.66	24		20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.78	7	*	10	130
			Anthracene-d10	40	8.85	22		10	150
			Pyrene-d10	40	7.54	19		10	130
			Benzo(a)pyrene-d12	40	4.91	12		10	140
P4581-11	A4EC6	BP022888.D	1,4-Dioxane-d8	8	2.55	32		15	120
			Pyridine-d5	40	13.79	34		20	120
			Phenol-d5	40	17.33	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.26	41		10	150
			2-Chlorophenol-d4	40	18.46	46		15	120
			4-Methylphenol-d8	40	17.84	45		10	140
			Nitrobenzene-d5	40	18.70	47		10	135
			2-Nitrophenol-d4	40	19.25	48		10	120
			2,4-Dichlorophenol-d3	40	18.99	47		10	140
			4-Chloroaniline-d4	40	17.54	44		1	145
			Dimethylphthalate-d6	40	19.02	48		10	145
			Acenaphthylene-d8	40	19.56	49		15	120
			4-Nitrophenol-d4	40	13.26	33		10	150
			Fluorene-d10	40	19.50	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.39	18		10	130
			Anthracene-d10	40	19.06	48		10	150
			Pyrene-d10	40	21.10	53		10	130
			Benzo(a)pyrene-d12	40	19.57	49		10	140
P4581-12	A4EC7	BP022837.D	1,4-Dioxane-d8	8	1.11	14	*	15	120
			Pyridine-d5	40	1.13	3	*	20	120
			Phenol-d5	40	6.17	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	6.62	17		10	150
			2-Chlorophenol-d4	40	6.89	17		15	120
			4-Methylphenol-d8	40	4.81	12		10	140
			Nitrobenzene-d5	40	7.04	18		10	135
			2-Nitrophenol-d4	40	6.84	17		10	120
			2,4-Dichlorophenol-d3	40	6.40	16		10	140
			4-Chloroaniline-d4	40	3.94	10		1	145
			Dimethylphthalate-d6	40	7.53	19		10	145
			Acenaphthylene-d8	40	7.10	18		15	120
			4-Nitrophenol-d4	40	4.55	11		10	150
			Fluorene-d10	40	7.71	19	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.79	9	*	10	130
			Anthracene-d10	40	7.32	18		10	150

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4581-12	A4EC7	BP022837.D	Pyrene-d10	40	5.21	13		10	130
			Benzo(a)pyrene-d12	40	3.26	8	*	10	140
P4581-13	A4ED3	BP022890.D	1,4-Dioxane-d8	8	2.76	35		15	120
			Pyridine-d5	40	14.20	36		20	120
			Phenol-d5	40	17.73	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.57	41		10	150
			2-Chlorophenol-d4	40	19.07	48		15	120
			4-Methylphenol-d8	40	18.48	46		10	140
			Nitrobenzene-d5	40	18.87	47		10	135
			2-Nitrophenol-d4	40	19.29	48		10	120
			2,4-Dichlorophenol-d3	40	19.21	48		10	140
			4-Chloroaniline-d4	40	17.15	43		1	145
			Dimethylphthalate-d6	40	18.74	47		10	145
			Acenaphthylene-d8	40	19.58	49		15	120
			4-Nitrophenol-d4	40	12.80	32		10	150
			Fluorene-d10	40	20.13	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.64	14		10	130
			Anthracene-d10	40	20.35	51		10	150
			Pyrene-d10	40	20.62	52		10	130
			Benzo(a)pyrene-d12	40	20.42	51		10	140
P4581-14	A4ED5	BP022891.D	1,4-Dioxane-d8	8	2.59	32		15	120
			Pyridine-d5	40	13.81	35		20	120
			Phenol-d5	40	16.53	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.58	41		10	150
			2-Chlorophenol-d4	40	18.10	45		15	120
			4-Methylphenol-d8	40	17.10	43		10	140
			Nitrobenzene-d5	40	18.69	47		10	135
			2-Nitrophenol-d4	40	19.81	50		10	120
			2,4-Dichlorophenol-d3	40	18.84	47		10	140
			4-Chloroaniline-d4	40	16.85	42		1	145
			Dimethylphthalate-d6	40	18.78	47		10	145
			Acenaphthylene-d8	40	19.54	49		15	120
			4-Nitrophenol-d4	40	12.75	32		10	150
			Fluorene-d10	40	20.00	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.21	18		10	130
			Anthracene-d10	40	19.92	50		10	150
			Pyrene-d10	40	21.68	54		10	130
			Benzo(a)pyrene-d12	40	20.54	51		10	140
P4581-15	A4ED6	BP022893.D	1,4-Dioxane-d8	8	2.85	36		15	120
			Pyridine-d5	40	15.33	38		20	120
			Phenol-d5	40	18.60	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.97	47		10	150
			2-Chlorophenol-d4	40	20.89	52		15	120
			4-Methylphenol-d8	40	19.22	48		10	140
			Nitrobenzene-d5	40	21.61	54		10	135
			2-Nitrophenol-d4	40	22.54	56		10	120
			2,4-Dichlorophenol-d3	40	21.33	53		10	140
			4-Chloroaniline-d4	40	19.89	50		1	145
			Dimethylphthalate-d6	40	21.73	54		10	145

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4581-15	A4ED6	BP022893.D	Acenaphthylene-d8	40	22.26	56		15	120
			4-Nitrophenol-d4	40	11.99	30		10	150
			Fluorene-d10	40	22.39	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.22	21		10	130
			Anthracene-d10	40	21.38	53		10	150
			Pyrene-d10	40	23.77	59		10	130
			Benzo(a)pyrene-d12	40	22.40	56		10	140
P4581-16	A4ED7	BP022880.D	1,4-Dioxane-d8	8	2.09	26		15	120
			Pyridine-d5	40	9.02	23		20	120
			Phenol-d5	40	16.87	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.83	40		10	150
			2-Chlorophenol-d4	40	17.31	43		15	120
			4-Methylphenol-d8	40	17.71	44		10	140
			Nitrobenzene-d5	40	17.56	44		10	135
			2-Nitrophenol-d4	40	18.93	47		10	120
			2,4-Dichlorophenol-d3	40	18.89	47		10	140
			4-Chloroaniline-d4	40	17.47	44		1	145
			Dimethylphthalate-d6	40	17.58	44		10	145
			Acenaphthylene-d8	40	19.28	48		15	120
			4-Nitrophenol-d4	40	12.72	32		10	150
			Fluorene-d10	40	19.06	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.60	14		10	130
			Anthracene-d10	40	18.50	46		10	150
			Pyrene-d10	40	19.57	49		10	130
			Benzo(a)pyrene-d12	40	18.73	47		10	140
P4581-19	A4EA9	BP022892.D	1,4-Dioxane-d8	8	0.78	10	*	15	120
			Pyridine-d5	40	1.68	4	*	20	120
		BP022896.D	1,4-Dioxane-d8	8	0.78	10	*	15	120
			Pyridine-d5	40	1.84	5	*	20	120
		BP022892.D	Phenol-d5	40	4.67	12		10	130
		BP022896.D	Phenol-d5	40	7.12	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	7.40	18		10	150
		BP022892.D	Bis(2-Chloroethyl)ether-d8	40	4.72	12		10	150
			2-Chlorophenol-d4	40	5.08	13	*	15	120
		BP022896.D	2-Chlorophenol-d4	40	8.33	21		15	120
			4-Methylphenol-d8	40	7.23	18		10	140
		BP022892.D	4-Methylphenol-d8	40	4.01	10		10	140
			Nitrobenzene-d5	40	4.99	12		10	135
		BP022896.D	Nitrobenzene-d5	40	8.15	20		10	135
			2-Nitrophenol-d4	40	8.23	21		10	120
		BP022892.D	2-Nitrophenol-d4	40	5.07	13		10	120
			2,4-Dichlorophenol-d3	40	4.88	12		10	140
		BP022896.D	2,4-Dichlorophenol-d3	40	8.35	21		10	140
			4-Chloroaniline-d4	40	4.77	12		1	145
		BP022892.D	4-Chloroaniline-d4	40	2.14	5		1	145
			Dimethylphthalate-d6	40	5.41	14		10	145
		BP022896.D	Dimethylphthalate-d6	40	8.59	21		10	145
			Acenaphthylene-d8	40	8.61	22		15	120
		BP022892.D	Acenaphthylene-d8	40	5.29	13	*	15	120

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4581-19	A4EA9	BP022892.D	4-Nitrophenol-d4	40	2.42	6	*	10	150
		BP022896.D	4-Nitrophenol-d4	40	4.29	11		10	150
			Fluorene-d10	40	8.89	22		20	140
		BP022892.D	Fluorene-d10	40	5.82	15	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.74	2	*	10	130
		BP022896.D	4,6-Dinitro-2-methylphenol-d2	40	1.81	5	*	10	130
			Anthracene-d10	40	8.80	22		10	150
		BP022892.D	Anthracene-d10	40	5.34	13		10	150
		BP022896.D	Pyrene-d10	40	7.23	18		10	130
		BP022892.D	Pyrene-d10	40	3.99	10		10	130
		BP022896.D	Benzo(a)pyrene-d12	40	5.45	14		10	140
		BP022892.D	Benzo(a)pyrene-d12	40	2.44	6	*	10	140
P4581-20	A4EB1	BP022842.D	1,4-Dioxane-d8	8	1.06	13	*	15	120
			Pyridine-d5	40	0.88	2	*	20	120
			Phenol-d5	40	5.33	13		10	130
			Bis(2-Chloroethyl)ether-d8	40	5.91	15		10	150
			2-Chlorophenol-d4	40	6.23	16		15	120
			4-Methylphenol-d8	40	3.61	9	*	10	140
			Nitrobenzene-d5	40	6.62	17		10	135
			2-Nitrophenol-d4	40	6.39	16		10	120
			2,4-Dichlorophenol-d3	40	5.96	15		10	140
			4-Chloroaniline-d4	40	3.54	9		1	145
			Dimethylphthalate-d6	40	6.91	17		10	145
			Acenaphthylene-d8	40	6.35	16		15	120
			4-Nitrophenol-d4	40	3.91	10		10	150
			Fluorene-d10	40	7.28	18	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.16	8	*	10	130
			Anthracene-d10	40	6.88	17		10	150
			Pyrene-d10	40	4.71	12		10	130
			Benzo(a)pyrene-d12	40	2.84	7	*	10	140
P4581-21	A4EB2	BP022840.D	1,4-Dioxane-d8	8	1.13	14	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	6.08	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	7.02	18		10	150
			2-Chlorophenol-d4	40	7.23	18		15	120
			4-Methylphenol-d8	40	4.83	12		10	140
			Nitrobenzene-d5	40	7.06	18		10	135
			2-Nitrophenol-d4	40	7.23	18		10	120
			2,4-Dichlorophenol-d3	40	6.86	17		10	140
			4-Chloroaniline-d4	40	3.61	9		1	145
			Dimethylphthalate-d6	40	8.15	20		10	145
			Acenaphthylene-d8	40	7.30	18		15	120
			4-Nitrophenol-d4	40	4.15	10		10	150
			Fluorene-d10	40	8.18	20		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.39	11		10	130
			Anthracene-d10	40	7.59	19		10	150
			Pyrene-d10	40	5.93	15		10	130
			Benzo(a)pyrene-d12	40	3.26	8	*	10	140
P4581-22	A4EB4	BP022841.D	1,4-Dioxane-d8	8	0.90	11	*	15	120

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4581-22	A4EB4	BP022841.D	Pyridine-d5	40	1.27	3	*	20	120
			Phenol-d5	40	5.49	14		10	130
			Bis(2-Chloroethyl)ether-d8	40	5.81	15		10	150
			2-Chlorophenol-d4	40	6.37	16		15	120
			4-Methylphenol-d8	40	4.25	11		10	140
			Nitrobenzene-d5	40	6.16	15		10	135
			2-Nitrophenol-d4	40	6.02	15		10	120
			2,4-Dichlorophenol-d3	40	6.07	15		10	140
			4-Chloroaniline-d4	40	4.17	10		1	145
			Dimethylphthalate-d6	40	6.68	17		10	145
			Acenaphthylene-d8	40	6.29	16		15	120
			4-Nitrophenol-d4	40	3.76	9	*	10	150
			Fluorene-d10	40	7.02	18	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.05	8	*	10	130
			Anthracene-d10	40	6.61	17		10	150
			Pyrene-d10	40	4.84	12		10	130
			Benzo(a)pyrene-d12	40	2.88	7	*	10	140
P4581-23	A4EB5	BP022895.D	1,4-Dioxane-d8	8	1.31	16		15	120
			Pyridine-d5	40	1.35	3	*	20	120
			Phenol-d5	40	7.61	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	8.03	20		10	150
			2-Chlorophenol-d4	40	9.01	23		15	120
			4-Methylphenol-d8	40	5.74	14		10	140
			Nitrobenzene-d5	40	8.72	22		10	135
			2-Nitrophenol-d4	40	9.23	23		10	120
			2,4-Dichlorophenol-d3	40	8.56	21		10	140
			4-Chloroaniline-d4	40	4.31	11		1	145
			Dimethylphthalate-d6	40	9.21	23		10	145
			Acenaphthylene-d8	40	9.00	23		15	120
			4-Nitrophenol-d4	40	5.96	15		10	150
			Fluorene-d10	40	9.83	25		20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.39	6	*	10	130
			Anthracene-d10	40	8.85	22		10	150
			Pyrene-d10	40	7.08	18		10	130
			Benzo(a)pyrene-d12	40	4.29	11		10	140
P4581-24	A4EB7	BP022887.D	1,4-Dioxane-d8	8	3.01	38		15	120
			Pyridine-d5	40	15.95	40		20	120
			Phenol-d5	40	19.73	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.73	47		10	150
			2-Chlorophenol-d4	40	21.28	53		15	120
			4-Methylphenol-d8	40	20.27	51		10	140
			Nitrobenzene-d5	40	21.68	54		10	135
			2-Nitrophenol-d4	40	22.49	56		10	120
			2,4-Dichlorophenol-d3	40	22.03	55		10	140
			4-Chloroaniline-d4	40	18.02	45		1	145
			Dimethylphthalate-d6	40	20.52	51		10	145
			Acenaphthylene-d8	40	21.67	54		15	120
			4-Nitrophenol-d4	40	13.84	35		10	150
			Fluorene-d10	40	21.62	54		20	140

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4581-24	A4EB7	BP022887.D	4,6-Dinitro-2-methylphenol-d2	40	7.80	20		10	130
			Anthracene-d10	40	21.52	54		10	150
			Pyrene-d10	40	20.49	51		10	130
			Benzo(a)pyrene-d12	40	20.72	52		10	140
PB164553BL	PB164553BL	BP022845.D	1,4-Dioxane-d8	8	3.70	46		15	120
			Pyridine-d5	40	19.79	49		20	120
			Phenol-d5	40	21.31	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.90	52		10	150
			2-Chlorophenol-d4	40	22.88	57		15	120
			4-Methylphenol-d8	40	22.31	56		10	140
			Nitrobenzene-d5	40	23.07	58		10	135
			2-Nitrophenol-d4	40	24.01	60		10	120
			2,4-Dichlorophenol-d3	40	22.75	57		10	140
			4-Chloroaniline-d4	40	22.03	55		1	145
			Dimethylphthalate-d6	40	22.79	57		10	145
			Acenaphthylene-d8	40	22.91	57		15	120
			4-Nitrophenol-d4	40	16.40	41		10	150
			Fluorene-d10	40	23.30	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.53	39		10	130
			Anthracene-d10	40	23.81	60		10	150
			Pyrene-d10	40	24.48	61		10	130
			Benzo(a)pyrene-d12	40	24.36	61		10	140
PB164553BS	PB164553BS	BP022838.D	1,4-Dioxane-d8	8	3.99	50		15	120
			Pyridine-d5	40	23.17	58		20	120
			Phenol-d5	40	25.35	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.04	58		10	150
			2-Chlorophenol-d4	40	26.51	66		15	120
			4-Methylphenol-d8	40	25.43	64		10	140
			Nitrobenzene-d5	40	25.96	65		10	135
			2-Nitrophenol-d4	40	26.32	66		10	120
			2,4-Dichlorophenol-d3	40	27.86	70		10	140
			4-Chloroaniline-d4	40	23.00	57		1	145
			Dimethylphthalate-d6	40	24.93	62		10	145
			Acenaphthylene-d8	40	25.00	62		15	120
			4-Nitrophenol-d4	40	22.41	56		10	150
			Fluorene-d10	40	25.17	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.00	57		10	130
			Anthracene-d10	40	26.06	65		10	150
			Pyrene-d10	40	26.78	67		10	130
			Benzo(a)pyrene-d12	40	26.80	67		10	140

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4625-11	C0AB6	BP022861.D	1,4-Dioxane-d8	8	4.03	50		15	120
			Pyridine-d5	40	3.42	9	*	20	120
			Phenol-d5	40	8.06	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.17	75		25	120
			2-Chlorophenol-d4	40	29.21	73		20	130
			4-Methylphenol-d8	40	20.85	52		25	125
			Nitrobenzene-d5	40	33.99	85		20	125
			2-Nitrophenol-d4	40	35.86	90		20	130
			2,4-Dichlorophenol-d3	40	34.78	87		20	120
			4-Chloroaniline-d4	40	16.86	42		1	146
			Dimethylphthalate-d6	40	37.30	93		25	130
			Acenaphthylene-d8	40	35.46	89		10	130
			4-Nitrophenol-d4	40	7.22	18		10	150
			Fluorene-d10	40	37.50	94		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.94	65		10	130
			Anthracene-d10	40	39.69	99		25	130
			Pyrene-d10	40	39.68	99		15	130
			Benzo(a)pyrene-d12	40	39.75	99		20	130
P4625-11DL	C0AB6DL	BP022886.D	1,4-Dioxane-d8	8	4.32	54		15	120
			Pyridine-d5	40	2.91	7	*	20	120
			Phenol-d5	40	7.13	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.86	72		25	120
			2-Chlorophenol-d4	40	27.73	69		20	130
			4-Methylphenol-d8	40	19.47	49		25	125
			Nitrobenzene-d5	40	33.23	83		20	125
			2-Nitrophenol-d4	40	34.43	86		20	130
			2,4-Dichlorophenol-d3	40	33.19	83		20	120
			4-Chloroaniline-d4	40	16.10	40		1	146
			Dimethylphthalate-d6	40	35.77	89		25	130
			Acenaphthylene-d8	40	33.74	84		10	130
			4-Nitrophenol-d4	40	6.04	15		10	150
			Fluorene-d10	40	36.69	92		25	125
			4,6-Dinitro-2-methylphenol-d2	40	20.29	51		10	130
			Anthracene-d10	40	38.63	97		25	130
			Pyrene-d10	40	38.98	97		15	130
			Benzo(a)pyrene-d12	40	38.39	96		20	130
PB164574BL	PB164574BL	BP022885.D	1,4-Dioxane-d8	8	5.20	65		15	120
			Pyridine-d5	40	28.76	72		20	120
			Phenol-d5	40	31.17	78		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.78	74		25	120
			2-Chlorophenol-d4	40	33.92	85		20	130
			4-Methylphenol-d8	40	31.99	80		25	125
			Nitrobenzene-d5	40	34.06	85		20	125
			2-Nitrophenol-d4	40	35.49	89		20	130
			2,4-Dichlorophenol-d3	40	33.21	83		20	120
			4-Chloroaniline-d4	40	32.29	81		1	146
			Dimethylphthalate-d6	40	31.56	79		25	130
			Acenaphthylene-d8	40	32.91	82		10	130
			4-Nitrophenol-d4	40	25.61	64		10	150

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB164574BL	PB164574BL	BP022885.D	Fluorene-d10	40	32.87	82		25	125
			4,6-Dinitro-2-methylphenol-d2	40	19.46	49		10	130
			Anthracene-d10	40	34.41	86		25	130
			Pyrene-d10	40	35.46	89		15	130
			Benzo(a)pyrene-d12	40	35.23	88		20	130

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4644-12	C0CP6	BP022860.D	1,4-Dioxane-d8	8	3.67	46		15	120
			Pyridine-d5	40	5.04	13	*	20	120
			Phenol-d5	40	6.92	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.18	58		25	120
			2-Chlorophenol-d4	40	23.13	58		20	130
			4-Methylphenol-d8	40	16.71	42		25	125
			Nitrobenzene-d5	40	25.41	64		20	125
			2-Nitrophenol-d4	40	27.49	69		20	130
			2,4-Dichlorophenol-d3	40	26.59	66		20	120
			4-Chloroaniline-d4	40	15.10	38		1	146
			Dimethylphthalate-d6	40	27.57	69		25	130
			Acenaphthylene-d8	40	25.23	63		10	130
			4-Nitrophenol-d4	40	5.58	14		10	150
			Fluorene-d10	40	27.15	68		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.73	54		10	130
			Anthracene-d10	40	30.90	77		25	130
			Pyrene-d10	40	32.62	82		15	130
			Benzo(a)pyrene-d12	40	31.73	79		20	130
P4644-13	C0CC0	BP022882.D	1,4-Dioxane-d8	8	3.17	40		15	120
			Pyridine-d5	40	2.98	7	*	20	120
			Phenol-d5	40	7.81	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.15	65		25	120
			2-Chlorophenol-d4	40	26.68	67		20	130
			4-Methylphenol-d8	40	18.68	47		25	125
			Nitrobenzene-d5	40	29.23	73		20	125
			2-Nitrophenol-d4	40	31.21	78		20	130
			2,4-Dichlorophenol-d3	40	28.19	70		20	120
			4-Chloroaniline-d4	40	10.78	27		1	146
			Dimethylphthalate-d6	40	28.85	72		25	130
			Acenaphthylene-d8	40	28.37	71		10	130
			4-Nitrophenol-d4	40	6.37	16		10	150
			Fluorene-d10	40	29.81	75		25	125
			4,6-Dinitro-2-methylphenol-d2	40	17.54	44		10	130
			Anthracene-d10	40	33.01	83		25	130
			Pyrene-d10	40	34.26	86		15	130
			Benzo(a)pyrene-d12	40	33.95	85		20	130
P4644-14	C0CC9	BP022883.D	1,4-Dioxane-d8	8	3.06	38		15	120
			Pyridine-d5	40	2.75	7	*	20	120
			Phenol-d5	40	7.25	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.90	57		25	120
			2-Chlorophenol-d4	40	23.33	58		20	130
			4-Methylphenol-d8	40	16.70	42		25	125
			Nitrobenzene-d5	40	25.99	65		20	125
			2-Nitrophenol-d4	40	27.73	69		20	130
			2,4-Dichlorophenol-d3	40	26.51	66		20	120
			4-Chloroaniline-d4	40	16.88	42		1	146
			Dimethylphthalate-d6	40	26.84	67		25	130
			Acenaphthylene-d8	40	26.24	66		10	130
			4-Nitrophenol-d4	40	6.22	16		10	150

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4644-14	C0CC9	BP022883.D	Fluorene-d10	40	27.29	68		25	125
			4,6-Dinitro-2-methylphenol-d2	40	17.09	43		10	130
			Anthracene-d10	40	30.16	75		25	130
			Pyrene-d10	40	31.02	78		15	130
			Benzo(a)pyrene-d12	40	29.98	75		20	130
P4671-01	C0AB0	BP022862.D	1,4-Dioxane-d8	8	3.51	44		15	120
			Pyridine-d5	40	5.16	13	*	20	120
			Phenol-d5	40	7.94	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.49	74		25	120
			2-Chlorophenol-d4	40	28.90	72		20	130
			4-Methylphenol-d8	40	19.94	50		25	125
			Nitrobenzene-d5	40	31.94	80		20	125
			2-Nitrophenol-d4	40	33.93	85		20	130
			2,4-Dichlorophenol-d3	40	31.04	78		20	120
			4-Chloroaniline-d4	40	24.98	62		1	146
			Dimethylphthalate-d6	40	32.80	82		25	130
			Acenaphthylene-d8	40	31.65	79		10	130
			4-Nitrophenol-d4	40	6.71	17		10	150
			Fluorene-d10	40	33.39	83		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.27	61		10	130
			Anthracene-d10	40	36.02	90		25	130
			Pyrene-d10	40	36.78	92		15	130
			Benzo(a)pyrene-d12	40	38.59	96		20	130
P4671-02	C0AB1	BP022863.D	1,4-Dioxane-d8	8	3.16	40		15	120
			Pyridine-d5	40	8.12	20		20	120
			Phenol-d5	40	7.47	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.07	58		25	120
			2-Chlorophenol-d4	40	23.46	59		20	130
			4-Methylphenol-d8	40	17.00	43		25	125
			Nitrobenzene-d5	40	26.82	67		20	125
			2-Nitrophenol-d4	40	28.31	71		20	130
			2,4-Dichlorophenol-d3	40	26.43	66		20	120
			4-Chloroaniline-d4	40	23.23	58		1	146
			Dimethylphthalate-d6	40	27.91	70		25	130
			Acenaphthylene-d8	40	26.52	66		10	130
			4-Nitrophenol-d4	40	5.96	15		10	150
			Fluorene-d10	40	28.71	72		25	125
			4,6-Dinitro-2-methylphenol-d2	40	19.05	48		10	130
			Anthracene-d10	40	32.23	81		25	130
			Pyrene-d10	40	33.58	84		15	130
			Benzo(a)pyrene-d12	40	31.95	80		20	130
P4671-03	C0AB2	BP022864.D	1,4-Dioxane-d8	8	4.04	50		15	120
			Pyridine-d5	40	3.82	10	*	20	120
			Phenol-d5	40	8.18	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.27	68		25	120
			2-Chlorophenol-d4	40	27.61	69		20	130
			4-Methylphenol-d8	40	19.65	49		25	125
			Nitrobenzene-d5	40	31.06	78		20	125
			2-Nitrophenol-d4	40	32.78	82		20	130

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4671-03	C0AB2	BP022864.D	2,4-Dichlorophenol-d3	40	31.07	78		20	120
			4-Chloroaniline-d4	40	15.44	39		1	146
			Dimethylphthalate-d6	40	34.30	86		25	130
			Acenaphthylene-d8	40	31.29	78		10	130
			4-Nitrophenol-d4	40	8.12	20		10	150
			Fluorene-d10	40	34.91	87		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.39	66		10	130
			Anthracene-d10	40	38.75	97		25	130
			Pyrene-d10	40	40.56	101		15	130
			Benzo(a)pyrene-d12	40	39.32	98		20	130
PB164615BL	PB164615BL	BP022858.D	1,4-Dioxane-d8	8	3.85	48		15	120
			Pyridine-d5	40	21.79	54		20	120
			Phenol-d5	40	24.21	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.18	60		25	120
			2-Chlorophenol-d4	40	26.60	66		20	130
			4-Methylphenol-d8	40	25.75	64		25	125
			Nitrobenzene-d5	40	26.30	66		20	125
			2-Nitrophenol-d4	40	28.26	71		20	130
			2,4-Dichlorophenol-d3	40	25.69	64		20	120
			4-Chloroaniline-d4	40	26.03	65		1	146
			Dimethylphthalate-d6	40	27.81	70		25	130
			Acenaphthylene-d8	40	26.90	67		10	130
			4-Nitrophenol-d4	40	21.07	53		10	150
			Fluorene-d10	40	27.21	68		25	125
			4,6-Dinitro-2-methylphenol-d2	40	17.34	43		10	130
			Anthracene-d10	40	27.80	69		25	130
			Pyrene-d10	40	31.32	78		15	130
			Benzo(a)pyrene-d12	40	27.87	70		20	130
PB164615BS	PB164615BS	BP022869.D	1,4-Dioxane-d8	8	4.25	53		15	120
			Pyridine-d5	40	24.36	61		20	120
			Phenol-d5	40	27.57	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.60	62		25	120
			2-Chlorophenol-d4	40	29.20	73		20	130
			4-Methylphenol-d8	40	28.07	70		25	125
			Nitrobenzene-d5	40	29.18	73		20	125
			2-Nitrophenol-d4	40	30.35	76		20	130
			2,4-Dichlorophenol-d3	40	30.99	77		20	120
			4-Chloroaniline-d4	40	26.49	66		1	146
			Dimethylphthalate-d6	40	26.61	67		25	130
			Acenaphthylene-d8	40	27.64	69		10	130
			4-Nitrophenol-d4	40	24.84	62		10	150
			Fluorene-d10	40	28.30	71		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.13	58		10	130
			Anthracene-d10	40	27.70	69		25	130
			Pyrene-d10	40	28.12	70		15	130
			Benzo(a)pyrene-d12	40	28.92	72		20	130

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4622-01	BH6M7	BP022900.D	1,4-Dioxane-d8	8	1.84	23		15	120
			Pyridine-d5	40	1.09	3	*	20	120
			Phenol-d5	40	13.34	33		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.06	33		10	150
			2-Chlorophenol-d4	40	14.21	36		15	120
			4-Methylphenol-d8	40	14.51	36		10	140
			Nitrobenzene-d5	40	14.90	37		10	135
			2-Nitrophenol-d4	40	15.40	39		10	120
			2,4-Dichlorophenol-d3	40	14.43	36		10	140
			4-Chloroaniline-d4	40	13.80	34		1	145
			Dimethylphthalate-d6	40	15.38	38		10	145
			Acenaphthylene-d8	40	16.96	42		15	120
			4-Nitrophenol-d4	40	8.84	22		10	150
			Fluorene-d10	40	17.72	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.69	12		10	130
			Anthracene-d10	40	17.27	43		10	150
			Pyrene-d10	40	19.39	48		10	130
			Benzo(a)pyrene-d12	40	18.16	45		10	140
P4622-02	BH6M8	BP022901.D	1,4-Dioxane-d8	8	2.29	29		15	120
			Pyridine-d5	40	8.84	22		20	120
			Phenol-d5	40	15.54	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.69	37		10	150
			2-Chlorophenol-d4	40	16.49	41		15	120
			4-Methylphenol-d8	40	16.63	42		10	140
			Nitrobenzene-d5	40	16.47	41		10	135
			2-Nitrophenol-d4	40	17.12	43		10	120
			2,4-Dichlorophenol-d3	40	17.25	43		10	140
			4-Chloroaniline-d4	40	16.34	41		1	145
			Dimethylphthalate-d6	40	17.35	43		10	145
			Acenaphthylene-d8	40	18.02	45		15	120
			4-Nitrophenol-d4	40	11.76	29		10	150
			Fluorene-d10	40	18.91	47		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.73	14		10	130
			Anthracene-d10	40	18.69	47		10	150
			Pyrene-d10	40	19.70	49		10	130
			Benzo(a)pyrene-d12	40	19.61	49		10	140
P4622-03	BH6M9	BP022902.D	1,4-Dioxane-d8	8	1.90	24		15	120
			Pyridine-d5	40	8.86	22		20	120
			Phenol-d5	40	12.98	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.05	30		10	150
			2-Chlorophenol-d4	40	13.73	34		15	120
			4-Methylphenol-d8	40	13.37	33		10	140
			Nitrobenzene-d5	40	13.77	34		10	135
			2-Nitrophenol-d4	40	14.83	37		10	120
			2,4-Dichlorophenol-d3	40	14.61	37		10	140
			4-Chloroaniline-d4	40	13.63	34		1	145
			Dimethylphthalate-d6	40	15.92	40		10	145
			Acenaphthylene-d8	40	15.95	40		15	120
			4-Nitrophenol-d4	40	10.56	26		10	150

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4622-03	BH6M9	BP022902.D	Fluorene-d10	40	16.54	41		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.72	14		10	130
			Anthracene-d10	40	16.29	41		10	150
			Pyrene-d10	40	17.73	44		10	130
			Benzo(a)pyrene-d12	40	17.00	43		10	140
P4622-04	BH6N0	BP022903.D	1,4-Dioxane-d8	8	2.05	26		15	120
			Pyridine-d5	40	2.58	6	*	20	120
			Phenol-d5	40	15.11	38		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.23	36		10	150
			2-Chlorophenol-d4	40	15.75	39		15	120
			4-Methylphenol-d8	40	16.23	41		10	140
			Nitrobenzene-d5	40	17.24	43		10	135
			2-Nitrophenol-d4	40	17.06	43		10	120
			2,4-Dichlorophenol-d3	40	17.65	44		10	140
			4-Chloroaniline-d4	40	15.58	39		1	145
			Dimethylphthalate-d6	40	17.63	44		10	145
			Acenaphthylene-d8	40	18.89	47		15	120
			4-Nitrophenol-d4	40	12.17	30		10	150
			Fluorene-d10	40	20.11	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.65	14		10	130
			Anthracene-d10	40	19.04	48		10	150
			Pyrene-d10	40	21.08	53		10	130
			Benzo(a)pyrene-d12	40	19.81	50		10	140
P4622-05	BH6N1	BP022904.D	1,4-Dioxane-d8	8	1.97	25		15	120
			Pyridine-d5	40	5.76	14	*	20	120
			Phenol-d5	40	14.20	36		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.51	34		10	150
			2-Chlorophenol-d4	40	15.29	38		15	120
			4-Methylphenol-d8	40	15.25	38		10	140
			Nitrobenzene-d5	40	15.66	39		10	135
			2-Nitrophenol-d4	40	16.05	40		10	120
			2,4-Dichlorophenol-d3	40	15.76	39		10	140
			4-Chloroaniline-d4	40	15.14	38		1	145
			Dimethylphthalate-d6	40	16.80	42		10	145
			Acenaphthylene-d8	40	17.54	44		15	120
			4-Nitrophenol-d4	40	10.96	27		10	150
			Fluorene-d10	40	17.78	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.24	13		10	130
			Anthracene-d10	40	17.19	43		10	150
			Pyrene-d10	40	18.88	47		10	130
			Benzo(a)pyrene-d12	40	18.24	46		10	140
P4622-06	BH6N2	BP022905.D	1,4-Dioxane-d8	8	2.54	32		15	120
			Pyridine-d5	40	11.15	28		20	120
			Phenol-d5	40	17.50	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.18	40		10	150
			2-Chlorophenol-d4	40	18.17	45		15	120
			4-Methylphenol-d8	40	18.99	47		10	140
			Nitrobenzene-d5	40	19.23	48		10	135
			2-Nitrophenol-d4	40	20.06	50		10	120

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4622-06	BH6N2	BP022905.D	2,4-Dichlorophenol-d3	40	20.17	50		10	140
			4-Chloroaniline-d4	40	18.94	47		1	145
			Dimethylphthalate-d6	40	21.39	53		10	145
			Acenaphthylene-d8	40	22.23	56		15	120
			4-Nitrophenol-d4	40	15.54	39		10	150
			Fluorene-d10	40	22.71	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.31	21		10	130
			Anthracene-d10	40	22.69	57		10	150
			Pyrene-d10	40	25.26	63		10	130
			Benzo(a)pyrene-d12	40	23.70	59		10	140
P4622-07	BH6N3	BP022906.D	1,4-Dioxane-d8	8	2.12	27		15	120
			Pyridine-d5	40	1.86	5	*	20	120
			Phenol-d5	40	14.62	37		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.93	35		10	150
			2-Chlorophenol-d4	40	15.70	39		15	120
			4-Methylphenol-d8	40	15.64	39		10	140
			Nitrobenzene-d5	40	15.95	40		10	135
			2-Nitrophenol-d4	40	15.10	38		10	120
			2,4-Dichlorophenol-d3	40	16.31	41		10	140
			4-Chloroaniline-d4	40	14.86	37		1	145
			Dimethylphthalate-d6	40	15.00	38		10	145
			Acenaphthylene-d8	40	17.92	45		15	120
			4-Nitrophenol-d4	40	10.64	27		10	150
			Fluorene-d10	40	18.42	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.91	10		10	130
			Anthracene-d10	40	18.22	46		10	150
			Pyrene-d10	40	19.91	50		10	130
			Benzo(a)pyrene-d12	40	19.05	48		10	140
P4622-08	BH6N4	BP022907.D	1,4-Dioxane-d8	8	1.69	21		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	14.73	37		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.33	36		10	150
			2-Chlorophenol-d4	40	15.41	39		15	120
			4-Methylphenol-d8	40	15.83	40		10	140
			Nitrobenzene-d5	40	16.66	42		10	135
			2-Nitrophenol-d4	40	16.47	41		10	120
			2,4-Dichlorophenol-d3	40	17.33	43		10	140
			4-Chloroaniline-d4	40	13.81	35		1	145
			Dimethylphthalate-d6	40	13.99	35		10	145
			Acenaphthylene-d8	40	19.63	49		15	120
			4-Nitrophenol-d4	40	11.10	28		10	150
			Fluorene-d10	40	20.30	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.81	7	*	10	130
			Anthracene-d10	40	20.25	51		10	150
			Pyrene-d10	40	21.84	55		10	130
			Benzo(a)pyrene-d12	40	20.76	52		10	140
P4622-09	BH6N5	BP022908.D	1,4-Dioxane-d8	8	1.80	22		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	13.93	35		10	130

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4622-09	BH6N5	BP022908.D	Bis(2-Chloroethyl)ether-d8	40	13.59	34		10	150
			2-Chlorophenol-d4	40	14.84	37		15	120
			4-Methylphenol-d8	40	14.16	35		10	140
			Nitrobenzene-d5	40	15.37	38		10	135
			2-Nitrophenol-d4	40	14.34	36		10	120
			2,4-Dichlorophenol-d3	40	15.41	39		10	140
			4-Chloroaniline-d4	40	11.63	29		1	145
			Dimethylphthalate-d6	40	11.77	29		10	145
			Acenaphthylene-d8	40	16.67	42		15	120
			4-Nitrophenol-d4	40	8.93	22		10	150
			Fluorene-d10	40	17.11	43		20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.60	6	*	10	130
			Anthracene-d10	40	17.01	43		10	150
			Pyrene-d10	40	18.22	46		10	130
			Benzo(a)pyrene-d12	40	17.16	43		10	140
P4622-10	BH6N6	BP022909.D	1,4-Dioxane-d8	8	2.30	29		15	120
			Pyridine-d5	40	1.30	3	*	20	120
			Phenol-d5	40	15.62	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.98	37		10	150
			2-Chlorophenol-d4	40	16.69	42		15	120
			4-Methylphenol-d8	40	16.21	41		10	140
			Nitrobenzene-d5	40	16.98	42		10	135
			2-Nitrophenol-d4	40	17.15	43		10	120
			2,4-Dichlorophenol-d3	40	17.50	44		10	140
			4-Chloroaniline-d4	40	16.04	40		1	145
			Dimethylphthalate-d6	40	17.07	43		10	145
			Acenaphthylene-d8	40	19.48	49		15	120
			4-Nitrophenol-d4	40	11.68	29		10	150
			Fluorene-d10	40	20.14	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.30	11		10	130
			Anthracene-d10	40	20.04	50		10	150
			Pyrene-d10	40	22.01	55		10	130
			Benzo(a)pyrene-d12	40	20.54	51		10	140
P4622-13	BH6N7	BP022910.D	1,4-Dioxane-d8	8	2.21	28		15	120
			Pyridine-d5	40	4.71	12	*	20	120
			Phenol-d5	40	14.80	37		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.21	36		10	150
			2-Chlorophenol-d4	40	15.78	39		15	120
			4-Methylphenol-d8	40	16.31	41		10	140
			Nitrobenzene-d5	40	16.43	41		10	135
			2-Nitrophenol-d4	40	16.21	41		10	120
			2,4-Dichlorophenol-d3	40	16.68	42		10	140
			4-Chloroaniline-d4	40	15.23	38		1	145
			Dimethylphthalate-d6	40	17.28	43		10	145
			Acenaphthylene-d8	40	18.43	46		15	120
			4-Nitrophenol-d4	40	11.38	28		10	150
			Fluorene-d10	40	18.84	47		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.64	14		10	130
			Anthracene-d10	40	19.13	48		10	150

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4622-13	BH6N7	BP022910.D	Pyrene-d10	40	20.76	52		10	130
			Benzo(a)pyrene-d12	40	19.64	49		10	140
P4622-14	BH8M6	BP022911.D	1,4-Dioxane-d8	8	2.45	31		15	120
			Pyridine-d5	40	6.52	16	*	20	120
			Phenol-d5	40	16.20	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.23	38		10	150
			2-Chlorophenol-d4	40	17.36	43		15	120
			4-Methylphenol-d8	40	17.15	43		10	140
			Nitrobenzene-d5	40	17.62	44		10	135
			2-Nitrophenol-d4	40	17.71	44		10	120
			2,4-Dichlorophenol-d3	40	17.74	44		10	140
			4-Chloroaniline-d4	40	16.26	41		1	145
			Dimethylphthalate-d6	40	18.11	45		10	145
			Acenaphthylene-d8	40	18.77	47		15	120
			4-Nitrophenol-d4	40	11.41	29		10	150
			Fluorene-d10	40	19.58	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.71	17		10	130
			Anthracene-d10	40	18.88	47		10	150
			Pyrene-d10	40	20.60	51		10	130
			Benzo(a)pyrene-d12	40	20.06	50		10	140
PB164642BL	PB164642BL	BP022898.D	1,4-Dioxane-d8	8	3.74	47		15	120
			Pyridine-d5	40	19.65	49		20	120
			Phenol-d5	40	22.80	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.05	53		10	150
			2-Chlorophenol-d4	40	24.43	61		15	120
			4-Methylphenol-d8	40	23.71	59		10	140
			Nitrobenzene-d5	40	24.50	61		10	135
			2-Nitrophenol-d4	40	25.65	64		10	120
			2,4-Dichlorophenol-d3	40	24.25	61		10	140
			4-Chloroaniline-d4	40	22.82	57		1	145
			Dimethylphthalate-d6	40	24.25	61		10	145
			Acenaphthylene-d8	40	24.77	62		15	120
			4-Nitrophenol-d4	40	18.67	47		10	150
			Fluorene-d10	40	24.75	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.39	31		10	130
			Anthracene-d10	40	26.17	65		10	150
			Pyrene-d10	40	28.03	70		10	130
			Benzo(a)pyrene-d12	40	26.61	67		10	140
PB164642BS	PB164642BS	BP022899.D	1,4-Dioxane-d8	8	4.25	53		15	120
			Pyridine-d5	40	23.26	58		20	120
			Phenol-d5	40	26.31	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.86	60		10	150
			2-Chlorophenol-d4	40	27.95	70		15	120
			4-Methylphenol-d8	40	27.11	68		10	140
			Nitrobenzene-d5	40	26.98	67		10	135
			2-Nitrophenol-d4	40	27.73	69		10	120
			2,4-Dichlorophenol-d3	40	28.84	72		10	140
			4-Chloroaniline-d4	40	24.28	61		1	145
			Dimethylphthalate-d6	40	25.29	63		10	145

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB164642BS	PB164642BS	BP022899.D	Acenaphthylene-d8	40	26.22	66		15	120
			4-Nitrophenol-d4	40	22.14	55		10	150
			Fluorene-d10	40	26.59	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.84	47		10	130
			Anthracene-d10	40	27.32	68		10	150
			Pyrene-d10	40	27.87	70		10	130
			Benzo(a)pyrene-d12	40	27.69	69		10	140

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4670-01	C0SY1	BP022865.D	1,4-Dioxane-d8	8	4.52	57		15	120
			Pyridine-d5	40	5.54	14	*	20	120
			Phenol-d5	40	10.40	26		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.16	70		25	120
			2-Chlorophenol-d4	40	29.86	75		20	130
			4-Methylphenol-d8	40	22.25	56		25	125
			Nitrobenzene-d5	40	32.17	80		20	125
			2-Nitrophenol-d4	40	33.76	84		20	130
			2,4-Dichlorophenol-d3	40	32.51	81		20	120
			4-Chloroaniline-d4	40	7.81	20		1	146
			Dimethylphthalate-d6	40	32.61	82		25	130
			Acenaphthylene-d8	40	31.36	78		10	130
			4-Nitrophenol-d4	40	9.61	24		10	150
			Fluorene-d10	40	32.88	82		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.34	66		10	130
			Anthracene-d10	40	35.23	88		25	130
			Pyrene-d10	40	36.15	90		15	130
			Benzo(a)pyrene-d12	40	35.68	89		20	130
P4670-02	C0SY3	BP022866.D	1,4-Dioxane-d8	8	3.50	44		15	120
			Pyridine-d5	40	3.56	9	*	20	120
			Phenol-d5	40	6.89	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.94	55		25	120
			2-Chlorophenol-d4	40	22.44	56		20	130
			4-Methylphenol-d8	40	16.18	40		25	125
			Nitrobenzene-d5	40	25.66	64		20	125
			2-Nitrophenol-d4	40	26.21	66		20	130
			2,4-Dichlorophenol-d3	40	25.01	63		20	120
			4-Chloroaniline-d4	40	4.12	10		1	146
			Dimethylphthalate-d6	40	26.74	67		25	130
			Acenaphthylene-d8	40	25.46	64		10	130
			4-Nitrophenol-d4	40	6.65	17		10	150
			Fluorene-d10	40	27.57	69		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.87	55		10	130
			Anthracene-d10	40	30.93	77		25	130
			Pyrene-d10	40	31.56	79		15	130
			Benzo(a)pyrene-d12	40	31.26	78		20	130
P4670-03	C0SY4	BP022867.D	1,4-Dioxane-d8	8	4.16	52		15	120
			Pyridine-d5	40	4.90	12	*	20	120
			Phenol-d5	40	8.95	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.64	67		25	120
			2-Chlorophenol-d4	40	27.61	69		20	130
			4-Methylphenol-d8	40	19.89	50		25	125
			Nitrobenzene-d5	40	29.79	74		20	125
			2-Nitrophenol-d4	40	31.87	80		20	130
			2,4-Dichlorophenol-d3	40	29.80	75		20	120
			4-Chloroaniline-d4	40	1.82	5		1	146
			Dimethylphthalate-d6	40	30.61	77		25	130
			Acenaphthylene-d8	40	29.16	73		10	130
			4-Nitrophenol-d4	40	8.10	20		10	150

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4670-03	C0SY4	BP022867.D	Fluorene-d10	40	31.79	79		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.58	64		10	130
			Anthracene-d10	40	36.02	90		25	130
			Pyrene-d10	40	36.04	90		15	130
			Benzo(a)pyrene-d12	40	37.95	95		20	130
P4670-04	C0SY5	BP022868.D	1,4-Dioxane-d8	8	2.81	35		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	7.63	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.79	59		25	120
			2-Chlorophenol-d4	40	24.34	61		20	130
			4-Methylphenol-d8	40	12.36	31		25	125
			Nitrobenzene-d5	40	30.19	75		20	125
			2-Nitrophenol-d4	40	35.86	90		20	130
			2,4-Dichlorophenol-d3	40	29.86	75		20	120
			4-Chloroaniline-d4	40	2.23	6		1	146
			Dimethylphthalate-d6	40	29.72	74		25	130
			Acenaphthylene-d8	40	28.75	72		10	130
			4-Nitrophenol-d4	40	10.92	27		10	150
			Fluorene-d10	40	31.91	80		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.79	64		10	130
			Anthracene-d10	40	30.81	77		25	130
			Pyrene-d10	40	31.15	78		15	130
			Benzo(a)pyrene-d12	40	33.31	83		20	130
PB164674BL	PB164674BL	BP022859.D	Pyridine-d5	40	22.12	55		20	120
			1,4-Dioxane-d8	8	4.27	53		15	120
			Phenol-d5	40	23.75	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.96	57		25	120
			2-Chlorophenol-d4	40	26.17	65		20	130
			4-Methylphenol-d8	40	24.87	62		25	125
			Nitrobenzene-d5	40	26.92	67		20	125
			2-Nitrophenol-d4	40	27.69	69		20	130
			2,4-Dichlorophenol-d3	40	25.70	64		20	120
			4-Chloroaniline-d4	40	24.26	61		1	146
			Dimethylphthalate-d6	40	25.91	65		25	130
			Acenaphthylene-d8	40	26.58	66		10	130
			4-Nitrophenol-d4	40	20.21	51		10	150
			Fluorene-d10	40	26.79	67		25	125
			4,6-Dinitro-2-methylphenol-d2	40	14.94	37		10	130
			Anthracene-d10	40	27.91	70		25	130
			Pyrene-d10	40	28.84	72		15	130
			Benzo(a)pyrene-d12	40	28.61	72		20	130
PB164674BS	PB164674BS	BP022870.D	1,4-Dioxane-d8	8	4.21	53		15	120
			Pyridine-d5	40	23.41	59		20	120
			Phenol-d5	40	26.39	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.52	59		25	120
			2-Chlorophenol-d4	40	28.27	71		20	130
			4-Methylphenol-d8	40	26.77	67		25	125
			Nitrobenzene-d5	40	26.95	67		20	125
			2-Nitrophenol-d4	40	29.19	73		20	130

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Surrogate Summary

SW-846

SDG No.: BP110424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB164674BS	PB164674BS	BP022870.D	2,4-Dichlorophenol-d3	40	29.94	75		20	120
			4-Chloroaniline-d4	40	24.17	60		1	146
			Dimethylphthalate-d6	40	25.89	65		25	130
			Acenaphthylene-d8	40	26.85	67		10	130
			4-Nitrophenol-d4	40	23.52	59		10	150
			Fluorene-d10	40	26.99	67		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.31	58		10	130
			Anthracene-d10	40	27.50	69		25	130
			Pyrene-d10	40	28.85	72		15	130
			Benzo(a)pyrene-d12	40	27.64	69		20	130

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BP110424

Lab Code: CHEM SAS No.: BP110424 SDG NO.: BP110424

Lab File ID: BP022820.D DFTPP Injection Date: 11/04/2024

Instrument ID: BNA_P DFTPP Injection Time: 09:35

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.9
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	31
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	36.5
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	34.3
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	12.7
442	Greater than 50% of mass 198	84.8
443	15.0 - 24.0% of mass 442	16.4 (19.4) 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
SSTD020697	SSTDCCC020	BP022821.D	11/04/2024	10:16
SBLK462	PB164462BL	BP022822.D	11/04/2024	10:56
A4EA4	P4568-02	BP022823.D	11/04/2024	12:17
A4EF6	P4568-06	BP022824.D	11/04/2024	12:57
A4EF8	P4568-07	BP022825.D	11/04/2024	13:38
A4EF9	P4568-08	BP022826.D	11/04/2024	14:18
A4EA4DL	P4568-02DL	BP022827.D	11/04/2024	14:58
A4EG0	P4568-09	BP022828.D	11/04/2024	15:39
SSTD020698	SSTDCCC020	BP022829.D	11/04/2024	16:19
SBLK462	PB164462BL	BP022830.D	11/04/2024	17:00
A4EA4	P4568-02	BP022831.D	11/04/2024	17:40
A4EA4DL	P4568-02DL	BP022832.D	11/04/2024	18:21
A4EF6	P4568-06	BP022833.D	11/04/2024	19:01
A4EE6	P4568-16	BP022834.D	11/04/2024	19:42
A4ED0	P4581-04	BP022835.D	11/04/2024	20:22
A4EA8	P4581-08	BP022836.D	11/04/2024	21:03
A4EC7	P4581-12	BP022837.D	11/04/2024	21:43
SLCS553	PB164553BS	BP022838.D	11/04/2024	22:24

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BP110424

Lab Code: CHEM SAS No.: BP110424 SDG NO.: BP110424

Lab File ID: BP022820.D DFTPP Injection Date: 11/04/2024

Instrument ID: BNA_P DFTPP Injection Time: 09:35

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.9
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	31
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	36.5
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	34.3
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	12.7
442	Greater than 50% of mass 198	84.8
443	15.0 - 24.0% of mass 442	16.4 (19.4) 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
A4EE5	P4568-15	BP022839.D	11/04/2024	23:04
A4EB2	P4581-21	BP022840.D	11/04/2024	23:45
A4EB4	P4581-22	BP022841.D	11/05/2024	00:25
A4EB1	P4581-20	BP022842.D	11/05/2024	01:06
SLCS462	PB164462BS	BP022843.D	11/05/2024	01:46
SSTD020699	SSTDCCC020	BP022844.D	11/05/2024	03:07
SBLK553	PB164553BL	BP022845.D	11/05/2024	03:48
A4EF5	P4568-03	BP022846.D	11/05/2024	04:28
A4EF5MS	P4568-04MS	BP022847.D	11/05/2024	05:09
A4EF5MSD	P4568-05MSD	BP022848.D	11/05/2024	05:49
A4EE4	P4568-14	BP022849.D	11/05/2024	06:30
A4EF2	P4568-18	BP022850.D	11/05/2024	07:10
A4EF4	P4568-20	BP022851.D	11/05/2024	07:51
A4EF7	P4568-21	BP022852.D	11/05/2024	08:31
A4EF1	P4568-17	BP022853.D	11/05/2024	09:11
A4EF3	P4568-19	BP022854.D	11/05/2024	09:52
A4EH4	P4568-10	BP022855.D	11/05/2024	10:33
A4EK1	P4568-11	BP022856.D	11/05/2024	11:14

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BP110424

Lab Code: CHEM SAS No.: BP110424 SDG NO.: BP110424

Lab File ID: BP022820.D DFTPP Injection Date: 11/04/2024

Instrument ID: BNA_P DFTPP Injection Time: 09:35

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.9
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	31
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	36.5
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	34.3
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	12.7
442	Greater than 50% of mass 198	84.8
443	15.0 - 24.0% of mass 442	16.4 (19.4) 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
SSTD020700	SSTDCCC020	BP022857.D	11/05/2024	11:54
SBLK615	PB164615BL	BP022858.D	11/05/2024	12:35
SBLK674	PB164674BL	BP022859.D	11/05/2024	13:16
C0CP6	P4644-12	BP022860.D	11/05/2024	14:49
C0AB6	P4625-11	BP022861.D	11/05/2024	15:29
C0AB0	P4671-01	BP022862.D	11/05/2024	16:10
C0AB1	P4671-02	BP022863.D	11/05/2024	16:50
C0AB2	P4671-03	BP022864.D	11/05/2024	17:31
C0SY1	P4670-01	BP022865.D	11/05/2024	18:12
C0SY3	P4670-02	BP022866.D	11/05/2024	18:52
C0SY4	P4670-03	BP022867.D	11/05/2024	19:33
C0SY5	P4670-04	BP022868.D	11/05/2024	20:14
SLCS615	PB164615BS	BP022869.D	11/05/2024	20:54
SLCS674	PB164674BS	BP022870.D	11/05/2024	21:35
SSTD020701	SSTDCCC020	BP022871.D	11/05/2024	22:56
SBLK462	PB164462BL	BP022872.D	11/05/2024	23:37
A4EE2	P4568-12	BP022873.D	11/06/2024	00:17
A4EE3	P4568-13	BP022874.D	11/06/2024	00:58

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BP110424

Lab Code: CHEM SAS No.: BP110424 SDG NO.: BP110424

Lab File ID: BP022820.D DFTPP Injection Date: 11/04/2024

Instrument ID: BNA_P DFTPP Injection Time: 09:35

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.9
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	31
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	36.5
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	34.3
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	12.7
442	Greater than 50% of mass 198	84.8
443	15.0 - 24.0% of mass 442	16.4 (19.4) 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
A4EC9	P4581-01	BP022875.D	11/06/2024	01:38
A4EC9MS	P4581-02MS	BP022876.D	11/06/2024	02:19
A4EC9MSD	P4581-03MSD	BP022877.D	11/06/2024	02:59
A4ED1	P4581-05	BP022878.D	11/06/2024	03:40
A4ED2	P4581-06	BP022879.D	11/06/2024	04:20
A4ED7	P4581-16	BP022880.D	11/06/2024	05:01
A4EC4	P4581-10	BP022881.D	11/06/2024	05:41
C0CC0	P4644-13	BP022882.D	11/06/2024	06:22
C0CC9	P4644-14	BP022883.D	11/06/2024	07:03
SSTD020702	SSTDCCC020	BP022884.D	11/06/2024	08:24
SBLK574	PB164574BL	BP022885.D	11/06/2024	09:05
C0AB6DL	P4625-11DL	BP022886.D	11/06/2024	09:45
A4EB7	P4581-24	BP022887.D	11/06/2024	10:26
A4EC6	P4581-11	BP022888.D	11/06/2024	11:06
A4EC2	P4581-09	BP022889.D	11/06/2024	11:47
A4ED3	P4581-13	BP022890.D	11/06/2024	12:28
A4ED5	P4581-14	BP022891.D	11/06/2024	13:09
A4EA9	P4581-19	BP022892.D	11/06/2024	13:50

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BP110424

Lab Code: CHEM SAS No.: BP110424 SDG NO.: BP110424

Lab File ID: BP022820.D DFTPP Injection Date: 11/04/2024

Instrument ID: BNA_P DFTPP Injection Time: 09:35

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.9
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	31
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	36.5
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	34.3
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	12.7
442	Greater than 50% of mass 198	84.8
443	15.0 - 24.0% of mass 442	16.4 (19.4) 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
A4ED6	P4581-15	BP022893.D	11/06/2024	14:30
A4EE2	P4568-12	BP022894.D	11/06/2024	15:12
A4EB5	P4581-23	BP022895.D	11/06/2024	15:53
A4EA9	P4581-19	BP022896.D	11/06/2024	16:34
SSTD020703	SSTDCCC020	BP022897.D	11/06/2024	17:15
SBLK642	PB164642BL	BP022898.D	11/06/2024	17:55
SLCS642	PB164642BS	BP022899.D	11/06/2024	18:36
BH6M7	P4622-01	BP022900.D	11/06/2024	19:17
BH6M8	P4622-02	BP022901.D	11/06/2024	19:58
BH6M9	P4622-03	BP022902.D	11/06/2024	20:39
BH6N0	P4622-04	BP022903.D	11/06/2024	21:20
BH6N1	P4622-05	BP022904.D	11/06/2024	22:01
BH6N2	P4622-06	BP022905.D	11/06/2024	22:41
BH6N3	P4622-07	BP022906.D	11/06/2024	23:22
BH6N4	P4622-08	BP022907.D	11/07/2024	00:03
BH6N5	P4622-09	BP022908.D	11/07/2024	00:43
BH6N6	P4622-10	BP022909.D	11/07/2024	01:24
BH6N7	P4622-13	BP022910.D	11/07/2024	02:05

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BP110424

Lab Code: CHEM SAS No.: BP110424 SDG NO.: BP110424

Lab File ID: BP022820.D DFTPP Injection Date: 11/04/2024

Instrument ID: BNA_P DFTPP Injection Time: 09:35

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.9
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	31
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	36.5
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	34.3
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	12.7
442	Greater than 50% of mass 198	84.8
443	15.0 - 24.0% of mass 442	16.4 (19.4) 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
BH8M6	P4622-14	BP022911.D	11/07/2024	02:45
SSTD020704	SSTDCCC020EC	BP022912.D	11/07/2024	04:07