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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP111924 SAS No.: BP111924 SDG No.: BP111924

Instrument ID: BNA_P Calibration Date/Time: 11/19/2024 1 10:28

Lab File ID: BP023212.D Init. Calib. Date(s):

EPA Sample No.: SSTD020729 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.481	0.521	0.010	8.4407	40.0
Benzaldehyde	0.851	0.995	0.010	16.9333	40.0
Pyridine	1.241	1.278	0.010	2.9344	40.0
Phenol	1.544	1.562	0.080	1.144	20.0
Bis(2-Chloroethyl)ether	1.160	1.228	0.100	5.8157	20.0
2-Chlorophenol	1.124	1.193	0.200	6.0914	20.0
2-Methylphenol	1.153	1.150	0.010	-0.2652	20.0
2,2-oxybis(1-Chloropropane)	1.314	1.404	0.010	6.923	40.0
Acetophenone	2.045	2.027	0.060	-0.8863	20.0
4-Methylphenol	1.273	1.262	0.010	-0.8819	20.0
N-Nitroso-di-n-propylamine	1.021	1.035	0.050	1.3346	30.0
Hexachloroethane	0.544	0.562	0.100	3.3305	20.0
Nitrobenzene	0.400	0.451	0.050	12.845	25.0
Isophorone	0.714	0.779	0.050	9.0048	25.0
2-Nitrophenol	0.175	0.190	0.050	8.6215	25.0
2,4-Dimethylphenol	0.378	0.408	0.050	7.823	25.0
Bis(2-Chloroethoxy)methane	0.393	0.442	0.050	12.5272	20.0
2,4-Dichlorophenol	0.344	0.376	0.060	9.1059	20.0
Naphthalene	0.972	1.053	0.200	8.3548	20.0
4-Chloroaniline	0.402	0.409	0.010	1.8625	40.0
Hexachlorobutadiene	0.312	0.330	0.040	6.0749	30.0
Caprolactam	0.102	0.102	0.010	-0.0362	40.0
4-Chloro-3-methylphenol	0.370	0.395	0.040	6.6926	25.0
1-Methylnaphthalene	0.750	0.787	0.100	4.8984	20.0
2-Methylnaphthalene	0.734	0.762	0.100	3.9148	20.0
Hexachlorocyclopentadiene	0.355	0.334	0.010	-5.9384	40.0
2,4,6-Trichlorophenol	0.411	0.466	0.090	13.2671	25.0
2,4,5-Trichlorophenol	0.443	0.492	0.100	11.0785	25.0
1,1-Biphenyl	1.282	1.417	0.200	10.5681	20.0
2-Chloronaphthalene	1.048	1.181	0.300	12.7751	20.0
2-Nitroaniline	0.294	0.336	0.050	14.0774	40.0
Dimethylphthalate	1.422	1.509	0.300	6.1263	20.0
2,6-Dinitrotoluene	0.277	0.298	0.080	7.9314	30.0
Acenaphthylene	1.520	1.699	0.400	11.7305	20.0
3-Nitroaniline	0.238	0.260	0.010	8.974	40.0
Acenaphthene	1.104	1.196	0.200	8.3142	20.0
2,4-Dinitrophenol	0.196	0.154	0.010	-21.5459	40.0
4-Nitrophenol	0.253	0.221	0.010	-12.7043	40.0
Dibenzofuran	1.705	1.845	0.300	8.1962	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP111924 SAS No.: BP111924 SDG No.: BP111924

Instrument ID: BNA_P Calibration Date/Time: 11/19/2024 1 10:28

Lab File ID: BP023212.D Init. Calib. Date(s):

EPA Sample No.: SSTD020729 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.441	0.484	0.070	9.7111	30.0
Diethylphthalate	1.406	1.530	0.300	8.7967	20.0
Fluorene	1.396	1.484	0.200	6.3173	20.0
4-Chlorophenyl-phenylether	0.822	0.855	0.100	3.9885	20.0
4-Nitroaniline	0.222	0.258	0.010	16.378	40.0
4,6-Dinitro-2-methylphenol	0.128	0.125	0.010	-2.0867	40.0
N-Nitrosodiphenylamine	0.462	0.539	0.050	16.7264	20.0
1,2,4,5-Tetrachlorobenzene	0.675	0.764	0.100	13.2227	20.0
4-Bromophenyl-phenylether	0.226	0.251	0.070	10.754	20.0
Hexachlorobenzene	0.285	0.313	0.050	9.7786	25.0
Atrazine	0.223	0.250	0.010	11.9797	25.0
Pentachlorophenol	0.177	0.206	0.010	16.2214	40.0
Phenanthrene	0.944	1.050	0.200	11.1961	20.0
Pentachlorobenzene	0.302	0.343	0.050	13.7916	20.0
Anthracene	0.949	1.050	0.200	10.5582	20.0
1,2,3,4-Tetrachlorobenzene	0.264	0.317	0.050	20.103	20.0
Carbazole	0.828	0.926	0.050	11.766	40.0
Di-n-butylphthalate	0.919	1.084	0.500	17.9394	25.0
Fluoranthene	1.061	1.231	0.400	15.9772	25.0
Pyrene	1.140	1.345	0.400	17.9791	25.0
Butylbenzylphthalate	0.375	0.463	0.100	23.2637	40.0
3,3-Dichlorobenzidine	0.449	0.432	0.010	-3.8688	40.0
Benzo(a)anthracene	1.221	1.392	0.300	14.0035	30.0
Chrysene	1.149	1.291	0.200	12.3737	30.0
Bis(2-ethylhexyl)phthalate	0.533	0.644	0.200	20.8082	40.0
Di-n-octyl phthalate	0.811	0.967	0.010	19.1839	40.0
Benzo(b)fluoranthene	1.113	1.281	0.200	15.0512	25.0
Benzo(k)fluoranthene	1.096	1.290	0.200	17.688	25.0
Benzo(a)pyrene	1.006	1.157	0.200	15.0064	20.0
Indeno(1,2,3-cd)pyrene	1.402	1.512	0.200	7.8649	25.0
Dibenzo(a,h)anthracene	1.138	1.236	0.200	8.5691	30.0
Benzo(g,h,i)perylene	1.065	1.146	0.200	7.5927	30.0
2,3,4,6-Tetrachlorophenol	0.433	0.471	0.040	8.7051	20.0
1,4-Dioxane-d8	0.416	0.485	0.010	16.4566	25.0
Pyridine-d5	1.236	1.281	0.010	3.6069	40.0
Phenol-d5	1.479	1.513	0.010	2.298	25.0
Bis-(2-Chloroethyl)ether-d8	0.869	0.946	0.050	8.8556	25.0
2-Chlorophenol-d4	1.083	1.161	0.200	7.2328	20.0
4-Methylphenol-d8	1.217	1.210	0.010	-0.5378	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP111924 SAS No.: BP111924 SDG No.: BP111924

Instrument ID: BNA_P Calibration Date/Time: 11/19/2024 1 10:28

Lab File ID: BP023212.D Init. Calib. Date(s):

EPA Sample No.: SSTD020729 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.139	0.155	0.050	11.4108	20.0
2-Nitrophenol-d4	0.166	0.185	0.050	11.271	30.0
2,4-Dichlorophenol-d3	0.348	0.379	0.060	8.9627	20.0
4-Chloroaniline-d4	0.415	0.420	0.010	1.3181	40.0
Dimethylphthalate-d6	1.441	1.569	0.300	8.8518	20.0
Acenaphthylene-d8	1.504	1.673	0.400	11.243	20.0
4-Nitrophenol-d4	0.217	0.173	0.010	-20.2661	40.0
Fluorene-d10	1.264	1.338	0.100	5.8752	20.0
4,6-Dinitro-2-methylphenol-d2	0.120	0.116	0.010	-3.2028	40.0
Anthracene-d10	0.847	0.954	0.300	12.615	20.0
Pyrene-d10	0.921	1.055	0.300	14.5728	25.0
Benzo(a)pyrene-d12	0.953	1.105	0.010	16.0083	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.: BP111924 SAS No.: BP111924 SDG No.: BP111924

Instrument ID: BNA_P Calibration Date/Time: 11/19/2024 1 15:58

Lab File ID: BP023219.D Init. Calib. Date(s):

EPA Sample No.: SSTD020730 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.481	0.552	0.010	14.831	40.0
Benzaldehyde	0.851	1.020	0.010	19.9001	40.0
Pyridine	1.241	1.316	0.010	6.0407	40.0
Phenol	1.544	1.589	0.080	2.9321	20.0
Bis(2-Chloroethyl)ether	1.160	1.195	0.100	2.9716	20.0
2-Chlorophenol	1.124	1.182	0.200	5.0938	20.0
2-Methylphenol	1.153	1.143	0.010	-0.8373	20.0
2,2-oxybis(1-Chloropropane)	1.314	1.420	0.010	8.089	40.0
Acetophenone	2.045	2.043	0.060	-0.0774	20.0
4-Methylphenol	1.273	1.224	0.010	-3.8611	20.0
N-Nitroso-di-n-propylamine	1.021	1.072	0.050	4.9519	30.0
Hexachloroethane	0.544	0.591	0.100	8.6742	20.0
Nitrobenzene	0.400	0.443	0.050	10.8422	25.0
Isophorone	0.714	0.767	0.050	7.3712	25.0
2-Nitrophenol	0.175	0.188	0.050	7.2322	25.0
2,4-Dimethylphenol	0.378	0.419	0.050	10.8479	25.0
Bis(2-Chloroethoxy)methane	0.393	0.436	0.050	11.0113	20.0
2,4-Dichlorophenol	0.344	0.374	0.060	8.5319	20.0
Naphthalene	0.972	1.031	0.200	6.0969	20.0
4-Chloroaniline	0.402	0.399	0.010	-0.7978	40.0
Hexachlorobutadiene	0.312	0.335	0.040	7.3746	30.0
Caprolactam	0.102	0.102	0.010	-0.3343	40.0
4-Chloro-3-methylphenol	0.370	0.392	0.040	5.8243	25.0
1-Methylnaphthalene	0.750	0.793	0.100	5.7939	20.0
2-Methylnaphthalene	0.734	0.771	0.100	5.1285	20.0
Hexachlorocyclopentadiene	0.355	0.331	0.010	-6.536	40.0
2,4,6-Trichlorophenol	0.411	0.449	0.090	9.184	25.0
2,4,5-Trichlorophenol	0.443	0.472	0.100	6.3781	25.0
1,1-Biphenyl	1.282	1.403	0.200	9.4695	20.0
2-Chloronaphthalene	1.048	1.160	0.300	10.6829	20.0
2-Nitroaniline	0.294	0.323	0.050	9.8819	40.0
Dimethylphthalate	1.422	1.543	0.300	8.5411	20.0
2,6-Dinitrotoluene	0.277	0.299	0.080	7.9975	30.0
Acenaphthylene	1.520	1.677	0.400	10.2941	20.0
3-Nitroaniline	0.238	0.252	0.010	5.7887	40.0
Acenaphthene	1.104	1.229	0.200	11.383	20.0
2,4-Dinitrophenol	0.196	0.159	0.010	-18.7968	40.0
4-Nitrophenol	0.253	0.317	0.010	24.9586	40.0
Dibenzofuran	1.705	1.875	0.300	9.9224	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP111924 SAS No.: BP111924 SDG No.: BP111924

Instrument ID: BNA_P Calibration Date/Time: 11/19/2024 1 15:58

Lab File ID: BP023219.D Init. Calib. Date(s):

EPA Sample No.: SSTD020730 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.441	0.503	0.070	14.1052	30.0
Diethylphthalate	1.406	1.564	0.300	11.2607	20.0
Fluorene	1.396	1.530	0.200	9.6195	20.0
4-Chlorophenyl-phenylether	0.822	0.900	0.100	9.4599	20.0
4-Nitroaniline	0.222	0.256	0.010	15.3413	40.0
4,6-Dinitro-2-methylphenol	0.128	0.120	0.010	-6.4716	40.0
N-Nitrosodiphenylamine	0.462	0.518	0.050	12.1238	20.0
1,2,4,5-Tetrachlorobenzene	0.675	0.744	0.100	10.23	20.0
4-Bromophenyl-phenylether	0.226	0.244	0.070	7.898	20.0
Hexachlorobenzene	0.285	0.315	0.050	10.4396	25.0
Atrazine	0.223	0.238	0.010	6.3991	25.0
Pentachlorophenol	0.177	0.184	0.010	4.1273	40.0
Phenanthrene	0.944	1.037	0.200	9.7793	20.0
Pentachlorobenzene	0.302	0.330	0.050	9.5563	20.0
Anthracene	0.949	1.054	0.200	11.0401	20.0
1,2,3,4-Tetrachlorobenzene	0.264	0.297	0.050	12.5277	20.0
Carbazole	0.828	0.909	0.050	9.7255	40.0
Di-n-butylphthalate	0.919	1.075	0.500	16.9532	25.0
Fluoranthene	1.061	1.199	0.400	13.0162	25.0
Pyrene	1.140	1.365	0.400	19.6866	25.0
Butylbenzylphthalate	0.375	0.441	0.100	17.3581	40.0
3,3-Dichlorobenzidine	0.449	0.455	0.010	1.2971	40.0
Benzo(a)anthracene	1.221	1.396	0.300	14.2783	30.0
Chrysene	1.149	1.311	0.200	14.1116	30.0
Bis(2-ethylhexyl)phthalate	0.533	0.626	0.200	17.2897	40.0
Di-n-octyl phthalate	0.811	0.907	0.010	11.7788	40.0
Benzo(b)fluoranthene	1.113	1.258	0.200	13.0199	25.0
Benzo(k)fluoranthene	1.096	1.237	0.200	12.8782	25.0
Benzo(a)pyrene	1.006	1.143	0.200	13.6116	20.0
Indeno(1,2,3-cd)pyrene	1.402	1.508	0.200	7.5551	25.0
Dibenzo(a,h)anthracene	1.138	1.221	0.200	7.2488	30.0
Benzo(g,h,i)perylene	1.065	1.143	0.200	7.3501	30.0
2,3,4,6-Tetrachlorophenol	0.433	0.488	0.040	12.7133	20.0
1,4-Dioxane-d8	0.416	0.476	0.010	14.4922	25.0
Pyridine-d5	1.236	1.294	0.010	4.6625	40.0
Phenol-d5	1.479	1.483	0.010	0.3073	25.0
Bis-(2-Chloroethyl)ether-d8	0.869	0.942	0.050	8.3951	25.0
2-Chlorophenol-d4	1.083	1.112	0.200	2.6998	20.0
4-Methylphenol-d8	1.217	1.196	0.010	-1.7453	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP111924 SAS No.: BP111924 SDG No.: BP111924

Instrument ID: BNA_P Calibration Date/Time: 11/19/2024 1 15:58

Lab File ID: BP023219.D Init. Calib. Date(s):

EPA Sample No.: SSTD020730 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.139	0.152	0.050	9.2803	20.0
2-Nitrophenol-d4	0.166	0.182	0.050	9.4037	30.0
2,4-Dichlorophenol-d3	0.348	0.370	0.060	6.4204	20.0
4-Chloroaniline-d4	0.415	0.412	0.010	-0.6221	40.0
Dimethylphthalate-d6	1.441	1.564	0.300	8.5038	20.0
Acenaphthylene-d8	1.504	1.678	0.400	11.5879	20.0
4-Nitrophenol-d4	0.217	0.179	0.010	-17.5257	40.0
Fluorene-d10	1.264	1.399	0.100	10.7353	20.0
4,6-Dinitro-2-methylphenol-d2	0.120	0.114	0.010	-4.6504	40.0
Anthracene-d10	0.847	0.938	0.300	10.795	20.0
Pyrene-d10	0.921	1.023	0.300	11.0988	25.0
Benzo(a)pyrene-d12	0.953	1.088	0.010	14.1907	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.: BP111924 SAS No.: BP111924 SDG No.: BP111924

Instrument ID: BNA_P Calibration Date/Time: 11/20/2024 1 03:28

Lab File ID: BP023235.D Init. Calib. Date(s):

EPA Sample No.: SSTD020731 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.481	0.534	0.010	11.1537	40.0
Benzaldehyde	0.851	1.024	0.010	20.3342	40.0
Pyridine	1.241	1.325	0.010	6.7614	40.0
Phenol	1.544	1.552	0.080	0.5312	20.0
Bis(2-Chloroethyl)ether	1.160	1.186	0.100	2.1994	20.0
2-Chlorophenol	1.124	1.195	0.200	6.2679	20.0
2-Methylphenol	1.153	1.117	0.010	-3.1266	20.0
2,2-oxybis(1-Chloropropane)	1.314	1.401	0.010	6.6293	40.0
Acetophenone	2.045	2.054	0.060	0.4592	20.0
4-Methylphenol	1.273	1.251	0.010	-1.7289	20.0
N-Nitroso-di-n-propylamine	1.021	1.020	0.050	-0.0616	30.0
Hexachloroethane	0.544	0.569	0.100	4.5717	20.0
Nitrobenzene	0.400	0.450	0.050	12.5296	25.0
Isophorone	0.714	0.773	0.050	8.1872	25.0
2-Nitrophenol	0.175	0.189	0.050	7.9161	25.0
2,4-Dimethylphenol	0.378	0.416	0.050	10.035	25.0
Bis(2-Chloroethoxy)methane	0.393	0.444	0.050	12.8558	20.0
2,4-Dichlorophenol	0.344	0.371	0.060	7.6811	20.0
Naphthalene	0.972	1.063	0.200	9.4263	20.0
4-Chloroaniline	0.402	0.409	0.010	1.678	40.0
Hexachlorobutadiene	0.312	0.332	0.040	6.5179	30.0
Caprolactam	0.102	0.101	0.010	-1.0655	40.0
4-Chloro-3-methylphenol	0.370	0.394	0.040	6.3218	25.0
1-Methylnaphthalene	0.750	0.786	0.100	4.7783	20.0
2-Methylnaphthalene	0.734	0.767	0.100	4.4996	20.0
Hexachlorocyclopentadiene	0.355	0.337	0.010	-4.9421	40.0
2,4,6-Trichlorophenol	0.411	0.463	0.090	12.6138	25.0
2,4,5-Trichlorophenol	0.443	0.501	0.100	12.9363	25.0
1,1-Biphenyl	1.282	1.435	0.200	11.9738	20.0
2-Chloronaphthalene	1.048	1.164	0.300	11.1437	20.0
2-Nitroaniline	0.294	0.327	0.050	11.0906	40.0
Dimethylphthalate	1.422	1.541	0.300	8.4202	20.0
2,6-Dinitrotoluene	0.277	0.306	0.080	10.7921	30.0
Acenaphthylene	1.520	1.736	0.400	14.1692	20.0
3-Nitroaniline	0.238	0.263	0.010	10.2437	40.0
Acenaphthene	1.104	1.241	0.200	12.4618	20.0
2,4-Dinitrophenol	0.196	0.158	0.010	-19.6018	40.0
4-Nitrophenol	0.253	0.216	0.010	-14.9239	40.0
Dibenzofuran	1.705	1.858	0.300	8.9542	20.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP111924 SAS No.: BP111924 SDG No.: BP111924

Instrument ID: BNA_P Calibration Date/Time: 11/20/2024 1 03:28

Lab File ID: BP023235.D Init. Calib. Date(s):

EPA Sample No.: SSTD020731 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.441	0.491	0.070	11.5036	30.0
Diethylphthalate	1.406	1.541	0.300	9.5766	20.0
Fluorene	1.396	1.500	0.200	7.4701	20.0
4-Chlorophenyl-phenylether	0.822	0.893	0.100	8.6887	20.0
4-Nitroaniline	0.222	0.255	0.010	14.9603	40.0
4,6-Dinitro-2-methylphenol	0.128	0.124	0.010	-2.9104	40.0
N-Nitrosodiphenylamine	0.462	0.538	0.050	16.4531	20.0
1,2,4,5-Tetrachlorobenzene	0.675	0.759	0.100	12.4604	20.0
4-Bromophenyl-phenylether	0.226	0.249	0.070	10.1296	20.0
Hexachlorobenzene	0.285	0.313	0.050	9.6442	25.0
Atrazine	0.223	0.239	0.010	6.7759	25.0
Pentachlorophenol	0.177	0.200	0.010	13.1897	40.0
Phenanthrene	0.944	1.050	0.200	11.1705	20.0
Pentachlorobenzene	0.302	0.343	0.050	13.9206	20.0
Anthracene	0.949	1.067	0.200	12.3595	20.0
1,2,3,4-Tetrachlorobenzene	0.264	0.309	0.050	16.8514	20.0
Carbazole	0.828	0.932	0.050	12.5638	40.0
Di-n-butylphthalate	0.919	1.053	0.500	14.597	25.0
Fluoranthene	1.061	1.209	0.400	13.9012	25.0
Pyrene	1.140	1.343	0.400	17.7916	25.0
Butylbenzylphthalate	0.375	0.443	0.100	17.9403	40.0
3,3-Dichlorobenzidine	0.449	0.462	0.010	2.8245	40.0
Benzo(a)anthracene	1.221	1.435	0.300	17.5205	30.0
Chrysene	1.149	1.314	0.200	14.3215	30.0
Bis(2-ethylhexyl)phthalate	0.533	0.627	0.200	17.4793	40.0
Di-n-octyl phthalate	0.811	0.904	0.010	11.407	40.0
Benzo(b)fluoranthene	1.113	1.308	0.200	17.5119	25.0
Benzo(k)fluoranthene	1.096	1.251	0.200	14.2024	25.0
Benzo(a)pyrene	1.006	1.164	0.200	15.6512	20.0
Indeno(1,2,3-cd)pyrene	1.402	1.560	0.200	11.2505	25.0
Dibenzo(a,h)anthracene	1.138	1.269	0.200	11.5163	30.0
Benzo(g,h,i)perylene	1.065	1.186	0.200	11.3876	30.0
2,3,4,6-Tetrachlorophenol	0.433	0.468	0.040	8.0893	20.0
1,4-Dioxane-d8	0.416	0.483	0.010	16.1219	25.0
Pyridine-d5	1.236	1.302	0.010	5.3118	40.0
Phenol-d5	1.479	1.511	0.010	2.1698	25.0
Bis-(2-Chloroethyl)ether-d8	0.869	0.900	0.050	3.5726	25.0
2-Chlorophenol-d4	1.083	1.140	0.200	5.23	20.0
4-Methylphenol-d8	1.217	1.179	0.010	-3.1129	20.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP111924 SAS No.: BP111924 SDG No.: BP111924

Instrument ID: BNA_P Calibration Date/Time: 11/20/2024 1 03:28

Lab File ID: BP023235.D Init. Calib. Date(s):

EPA Sample No.: SSTD020731 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.139	0.154	0.050	10.4635	20.0
2-Nitrophenol-d4	0.166	0.183	0.050	9.9674	30.0
2,4-Dichlorophenol-d3	0.348	0.383	0.060	10.0564	20.0
4-Chloroaniline-d4	0.415	0.424	0.010	2.3025	40.0
Dimethylphthalate-d6	1.441	1.574	0.300	9.2102	20.0
Acenaphthylene-d8	1.504	1.679	0.400	11.6084	20.0
4-Nitrophenol-d4	0.217	0.180	0.010	-17.0724	40.0
Fluorene-d10	1.264	1.367	0.100	8.1889	20.0
4,6-Dinitro-2-methylphenol-d2	0.120	0.114	0.010	-4.5713	40.0
Anthracene-d10	0.847	0.955	0.300	12.7234	20.0
Pyrene-d10	0.921	1.053	0.300	14.258	25.0
Benzo(a)pyrene-d12	0.953	1.094	0.010	14.8171	20.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	11/18/2024 12:00:00 AM
Project:				Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK073			SDG No.:	BP111924
Lab Sample ID:	PB165073BL			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
BP023213.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165073

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:	11/18/2024 12:00:00 AM
Project:				Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK073			SDG No.:	BP111924
Lab Sample ID:	PB165073BL			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
BP023213.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165073

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:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK073	SDG No.:	BP111924
Lab Sample ID:	PB165073BL	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
BP023213.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165073

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	7.473		15-120		93	SPK: -8
7291-22-7	Pyridine-d5	31.998		20-120		80	SPK: -40
4165-62-2	Phenol-d5	32.94		10-130		82	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.098		25-120		90	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.085		20-130		88	SPK: -40
190780-66-6	4-Methylphenol-d8	32.072		25-125		80	SPK: -40
4165-60-0	Nitrobenzene-d5	38.291		20-125		96	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.751		20-130		94	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.808		20-120		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.427		1-146		84	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.866		25-130		100	SPK: -40
93951-97-4	Acenaphthylene-d8	37.602		10-130		94	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.342		10-150		86	SPK: -40
81103-79-9	Fluorene-d10	37.77		25-125		94	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/18/2024 12:00:00 AM
Project:				Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK073			SDG No.:	BP111924
Lab Sample ID:	PB165073BL			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
BP023213.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165073

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.9		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	41.309		25-130		103	SPK: -40
1718-52-1	Pyrene-d10	40.652		15-130		102	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.688		20-130		102	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69043	7.552				
1146-65-2	Naphthalene-d8	242242	10.299				
15067-26-2	Acenaphthene-d10	182240	14.181				
1517-22-2	Phenanthrene-d10	440349	16.986				
1719-03-5	Chrysene-d12	533764	21.451				
1520-96-3	Perylene-d12	617616	24.68				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/18/2024 12:00:00 AM
Project:				Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK076			SDG No.:	BP111924
Lab Sample ID:	PB165076BL			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
BP023214.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165076

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
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	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:	11/18/2024 12:00:00 AM
Project:				Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK076			SDG No.:	BP111924
Lab Sample ID:	PB165076BL			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
BP023214.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165076

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:	11/18/2024 12:00:00 AM
Project:				Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK076			SDG No.:	BP111924
Lab Sample ID:	PB165076BL			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
BP023214.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165076

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	7.214		15-120		90	SPK: -8
7291-22-7	Pyridine-d5	28.952		20-120		72	SPK: -40
4165-62-2	Phenol-d5	29.676		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.421		25-120		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.657		20-130		79	SPK: -40
190780-66-6	4-Methylphenol-d8	28.89		25-125		72	SPK: -40
4165-60-0	Nitrobenzene-d5	34.186		20-125		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.775		20-130		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.533		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.837		1-146		72	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.002		25-130		90	SPK: -40
93951-97-4	Acenaphthylene-d8	34.092		10-130		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.951		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	35.043		25-125		88	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/18/2024 12:00:00 AM
Project:				Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK076			SDG No.:	BP111924
Lab Sample ID:	PB165076BL			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
BP023214.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.941		10-130		70	SPK: -40
1719-06-8	Anthracene-d10	36.158		25-130		90	SPK: -40
1718-52-1	Pyrene-d10	36.891		15-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.974		20-130		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81312	7.575				
1146-65-2	Naphthalene-d8	286915	10.316				
15067-26-2	Acenaphthene-d10	211617	14.181				
1517-22-2	Phenanthrene-d10	524848	16.992				
1719-03-5	Chrysene-d12	605779	21.427				
1520-96-3	Perylene-d12	723097	24.645				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E2A19			SDG No.:	BP111924
Lab Sample ID:	P4875-07			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
BP023215.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165076

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:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E2A19			SDG No.:	BP111924
Lab Sample ID:	P4875-07			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
BP023215.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165076

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:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E2A19			SDG No.:	BP111924
Lab Sample ID:	P4875-07			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
BP023215.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165076

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	6.044		15-120		76	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	12.054		10-130		30	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.223		25-120		88	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.902		20-130		82	SPK: -40
190780-66-6	4-Methylphenol-d8	24.854		25-125		62	SPK: -40
4165-60-0	Nitrobenzene-d5	37.765		20-125		94	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.378		20-130		93	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.552		20-120		86	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	42.749		25-130		107	SPK: -40
93951-97-4	Acenaphthylene-d8	37.736		10-130		94	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.829		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	41.399		25-125		103	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E2A19			SDG No.:	BP111924
Lab Sample ID:	P4875-07			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
BP023215.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.721		10-130		84	SPK: -40
1719-06-8	Anthracene-d10	42.052		25-130		105	SPK: -40
1718-52-1	Pyrene-d10	43.18		15-130		108	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.33		20-130		108	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62097	7.575				
1146-65-2	Naphthalene-d8	218265	10.322				
15067-26-2	Acenaphthene-d10	171545	14.181				
1517-22-2	Phenanthrene-d10	454008	16.987				
1719-03-5	Chrysene-d12	556549	21.439				
1520-96-3	Perylene-d12	684056	24.651				
TENTATIVE IDENTIFIED COMPOUNDS							
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	2.5	J			13.016	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	5.4	J			17.675	
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/13/2024 12:00:00 AM
Project:				Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	A0AT1			SDG No.:	BP111924
Lab Sample ID:	P4847-02			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
BP023216.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165071

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	39		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)	80		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	110	E	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	98	E	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	72		1.4	2.5	5	ug/L
78-59-1	Isophorone	140	E	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	34		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	19		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	93	E	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	69		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	87		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:	11/13/2024 12:00:00 AM
Project:				Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	A0AT1			SDG No.:	BP111924
Lab Sample ID:	P4847-02			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
BP023216.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165071

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	140	E	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	54		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	18		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	91	E	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	200	E	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	190	E	1.3	2.5	5	ug/L
86-73-7	Fluorene	13		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	55		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	41		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	52		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	70		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	230	E	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	71		1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	11/13/2024 12:00:00 AM
Project:				Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	A0AT1			SDG No.:	BP111924
Lab Sample ID:	P4847-02			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
BP023216.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165071

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	73		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	33		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	63		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	70		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	63		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	42		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	43		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	36		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	66		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	6.812		15-120		85	SPK: -8
7291-22-7	Pyridine-d5	29.346		20-120		73	SPK: -40
4165-62-2	Phenol-d5	35.424		10-130		89	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.653		25-120		92	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.05		20-130		90	SPK: -40
190780-66-6	4-Methylphenol-d8	34.09		25-125		85	SPK: -40
4165-60-0	Nitrobenzene-d5	39.531		20-125		99	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.684		20-130		97	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.131		20-120		93	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.254		1-146		83	SPK: -40
85448-30-2	Dimethylphthalate-d6	42.27		25-130		106	SPK: -40
93951-97-4	Acenaphthylene-d8	39.308		10-130		98	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.922		10-150		82	SPK: -40
81103-79-9	Fluorene-d10	41.985		25-125		105	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/13/2024 12:00:00 AM
Project:				Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	A0AT1			SDG No.:	BP111924
Lab Sample ID:	P4847-02			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
BP023216.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.153		10-130		90	SPK: -40
1719-06-8	Anthracene-d10	46.136		25-130		115	SPK: -40
1718-52-1	Pyrene-d10	46.593		15-130		116	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	48.69		20-130		122	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61824	7.569				
1146-65-2	Naphthalene-d8	224548	10.316				
15067-26-2	Acenaphthene-d10	175952	14.187				
1517-22-2	Phenanthrene-d10	426780	17.004				
1719-03-5	Chrysene-d12	511004	21.439				
1520-96-3	Perylene-d12	611672	24.651				
TENTATIVE IDENTIFIED COMPOUNDS							
001125-21-9	2,6,6-Trimethyl-2-cyclohexene-1,4-	2.2	J			9.581	
000084-65-1	9,10-Anthracenedione	5.1	J			18.492	
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/13/2024 12:00:00 AM
Project:				Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	A0AT1DL			SDG No.:	BP111924
Lab Sample ID:	P4847-02DL			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
BP023217.D	5	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.75	U	1.75	2.5	10	ug/L
100-52-7	Benzaldehyde	5.5	U	5.5	25	50	ug/L
110-86-1	Pyridine	8.5	U	8.5	50	50	ug/L
108-95-2	Phenol	8	U	8	25	50	ug/L
111-44-4	Bis(2-Chloroethyl)ether	38	JD	7	25	50	ug/L
95-57-8	2-Chlorophenol	4.55	U	4.55	12.5	25	ug/L
95-48-7	2-Methylphenol	7.5	U	7.5	25	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	80	D	9.5	25	50	ug/L
98-86-2	Acetophenone	7.5	U	7.5	25	50	ug/L
106-44-5	4-Methylphenol	8.5	U	8.5	25	50	ug/L
621-64-7	N-Nitroso-di-n-propylamine	110	D	9.5	12.5	25	ug/L
67-72-1	Hexachloroethane	96	D	5.5	12.5	25	ug/L
98-95-3	Nitrobenzene	70	D	7	12.5	25	ug/L
78-59-1	Isophorone	140	D	8.5	12.5	25	ug/L
88-75-5	2-Nitrophenol	6	U	6	12.5	25	ug/L
105-67-9	2,4-Dimethylphenol	3.45	U	3.45	12.5	25	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	33	D	7.5	12.5	25	ug/L
120-83-2	2,4-Dichlorophenol	5.5	U	5.5	12.5	25	ug/L
91-20-3	Naphthalene	19	JD	4.7	12.5	25	ug/L
106-47-8	4-Chloroaniline	4.7	U	4.7	12.5	50	ug/L
87-68-3	Hexachlorobutadiene	92	D	7.5	12.5	25	ug/L
105-60-2	Caprolactam	13	U	13	25	50	ug/L
59-50-7	4-Chloro-3-methylphenol	8	U	8	12.5	25	ug/L
90-12-0	1-Methylnaphthalene	4.55	U	4.55	12.5	25	ug/L
91-57-6	2-Methylnaphthalene	68	D	5.5	12.5	25	ug/L
77-47-4	Hexachlorocyclopentadiene	66	D	15.5	25	50	ug/L
88-06-2	2,4,6-Trichlorophenol	10	U	10	12.5	25	ug/L
95-95-4	2,4,5-Trichlorophenol	8	U	8	12.5	25	ug/L

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Report of Analysis

Client:				Date Collected:	11/13/2024 12:00:00 AM
Project:				Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	A0AT1DL			SDG No.:	BP111924
Lab Sample ID:	P4847-02DL			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
BP023217.D	5	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	5.5	U	5.5	12.5	25	ug/L
91-58-7	2-Chloronaphthalene	140	D	5.5	12.5	25	ug/L
88-74-4	2-Nitroaniline	9	U	9	12.5	25	ug/L
131-11-3	Dimethylphthalate	5.5	U	5.5	12.5	25	ug/L
606-20-2	2,6-Dinitrotoluene	8.5	U	8.5	12.5	25	ug/L
208-96-8	Acenaphthylene	55	D	6	12.5	25	ug/L
99-09-2	3-Nitroaniline	8	U	8	25	50	ug/L
83-32-9	Acenaphthene	18	JD	4.8	12.5	25	ug/L
51-28-5	2,4-Dinitrophenol	9	U	9	25	50	ug/L
100-02-7	4-Nitrophenol	7	U	7	25	50	ug/L
132-64-9	Dibenzofuran	91	D	5.5	12.5	25	ug/L
121-14-2	2,4-Dinitrotoluene	180	D	7.5	12.5	25	ug/L
84-66-2	Diethylphthalate	190	D	6.5	12.5	25	ug/L
86-73-7	Fluorene	13	JD	4.7	12.5	25	ug/L
7005-72-3	4-Chlorophenyl-phenylether	56	D	5.5	12.5	25	ug/L
100-01-6	4-Nitroaniline	4.15	U	4.15	25	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	12	U	12	25	50	ug/L
86-30-6	N-Nitrosodiphenylamine	6.5	U	6.5	12.5	25	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	7	U	7	12.5	25	ug/L
101-55-3	4-Bromophenyl-phenylether	4.75	U	4.75	12.5	25	ug/L
118-74-1	Hexachlorobenzene	42	D	6	12.5	25	ug/L
1912-24-9	Atrazine	9	U	9	25	50	ug/L
87-86-5	Pentachlorophenol	9.5	U	9.5	25	50	ug/L
85-01-8	Phenanthrene	53	D	6	12.5	25	ug/L
608-93-5	Pentachlorobenzene	8.5	U	8.5	12.5	25	ug/L
120-12-7	Anthracene	68	D	5.5	12.5	25	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	8.5	U	8.5	12.5	25	ug/L
86-74-8	Carbazole	5.5	U	5.5	25	50	ug/L
84-74-2	Di-n-butylphthalate	230	D	9.5	12.5	25	ug/L
206-44-0	Fluoranthene	73	D	9.5	25	25	ug/L

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Report of Analysis

Client:				Date Collected:	11/13/2024 12:00:00 AM
Project:				Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	A0AT1DL			SDG No.:	BP111924
Lab Sample ID:	P4847-02DL			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
BP023217.D	5	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	9	U	9	12.5	25	ug/L
85-68-7	Butylbenzylphthalate	68	D	13.5	12.5	25	ug/L
91-94-1	3,3-Dichlorobenzidine	7	U	7	25	50	ug/L
56-55-3	Benzo(a)anthracene	34	D	5.5	12.5	25	ug/L
218-01-9	Chrysene	5.5	U	5.5	12.5	25	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	56	D	15	12.5	25	ug/L
117-84-0	Di-n-octyl phthalate	12	U	12	25	50	ug/L
205-99-2	Benzo(b)fluoranthene	69	D	7	12.5	25	ug/L
207-08-9	Benzo(k)fluoranthene	63	D	7	12.5	25	ug/L
50-32-8	Benzo(a)pyrene	40	D	5.5	12.5	25	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	42	D	7	12.5	25	ug/L
53-70-3	Dibenzo(a,h)anthracene	35	D	6.5	12.5	25	ug/L
191-24-2	Benzo(g,h,i)perylene	64	D	6	12.5	25	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.5	U	7.5	12.5	25	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.38		15-120		92	SPK: -8
7291-22-7	Pyridine-d5	20.22		20-120		51	SPK: -40
4165-62-2	Phenol-d5	32.29		10-130		81	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.475		25-120		89	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.17		20-130		83	SPK: -40
190780-66-6	4-Methylphenol-d8	27.355		25-125		68	SPK: -40
4165-60-0	Nitrobenzene-d5	36.18		20-125		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.73		20-130		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.97		20-120		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.28		1-146		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	43.44		25-130		109	SPK: -40
93951-97-4	Acenaphthylene-d8	39.23		10-130		98	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.935		10-150		82	SPK: -40
81103-79-9	Fluorene-d10	42.985		25-125		107	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/13/2024 12:00:00 AM
Project:				Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	A0AT1DL			SDG No.:	BP111924
Lab Sample ID:	P4847-02DL			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
BP023217.D	5	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.83		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	43.56		25-130		109	SPK: -40
1718-52-1	Pyrene-d10	46.105		15-130		115	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	45.655		20-130		114	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74742	7.569				
1146-65-2	Naphthalene-d8	259654	10.316				
15067-26-2	Acenaphthene-d10	195598	14.187				
1517-22-2	Phenanthrene-d10	489099	16.986				
1719-03-5	Chrysene-d12	574849	21.439				
1520-96-3	Perylene-d12	693042	24.657				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.5	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/15/2024 12:00:00 AM
Project:				Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E29S9			SDG No.:	BP111924
Lab Sample ID:	P4875-11			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023218.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165076

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:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E29S9	SDG No.:	BP111924
Lab Sample ID:	P4875-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023218.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165076

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:	11/15/2024 12:00:00 AM
Project:				Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E29S9			SDG No.:	BP111924
Lab Sample ID:	P4875-11			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023218.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165076

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	7.788	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	7.443		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.797		25-120		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.584		20-130		66	SPK: -40
190780-66-6	4-Methylphenol-d8	17.507		25-125		44	SPK: -40
4165-60-0	Nitrobenzene-d5	30.396		20-125		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.301		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.519		20-120		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.754		1-146		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.493		25-130		91	SPK: -40
93951-97-4	Acenaphthylene-d8	33.646		10-130		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.127		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	35.403		25-125		89	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/15/2024 12:00:00 AM
Project:				Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E29S9			SDG No.:	BP111924
Lab Sample ID:	P4875-11			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023218.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.804		10-130		77	SPK: -40
1719-06-8	Anthracene-d10	39.127		25-130		98	SPK: -40
1718-52-1	Pyrene-d10	40.593		15-130		101	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.465		20-130		101	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83882	7.569				
1146-65-2	Naphthalene-d8	300578	10.322				
15067-26-2	Acenaphthene-d10	217464	14.193				
1517-22-2	Phenanthrene-d10	546617	16.992				
1719-03-5	Chrysene-d12	637710	21.439				
1520-96-3	Perylene-d12	753800	24.657				
TENTATIVE IDENTIFIED COMPOUNDS							
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	2.5	J			17.686	
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/18/2024 12:00:00 AM
Project:				Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK071			SDG No.:	BP111924
Lab Sample ID:	PB165071BL			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
BP023220.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165071

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
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	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:	11/18/2024 12:00:00 AM
Project:				Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK071			SDG No.:	BP111924
Lab Sample ID:	PB165071BL			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
BP023220.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165071

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:	11/18/2024 12:00:00 AM
Project:				Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK071			SDG No.:	BP111924
Lab Sample ID:	PB165071BL			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
BP023220.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165071

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	6.855		15-120		86	SPK: -8
7291-22-7	Pyridine-d5	26.665		20-120		67	SPK: -40
4165-62-2	Phenol-d5	27.872		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.208		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.446		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	27.022		25-125		68	SPK: -40
4165-60-0	Nitrobenzene-d5	30.148		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.017		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.28		20-120		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.553		1-146		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.723		25-130		82	SPK: -40
93951-97-4	Acenaphthylene-d8	31.364		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.436		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	31.63		25-125		79	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/18/2024 12:00:00 AM
Project:				Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK071			SDG No.:	BP111924
Lab Sample ID:	PB165071BL			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
BP023220.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.031		10-130		63	SPK: -40
1719-06-8	Anthracene-d10	32.839		25-130		82	SPK: -40
1718-52-1	Pyrene-d10	33.549		15-130		84	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.723		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84407	7.564				
1146-65-2	Naphthalene-d8	308787	10.316				
15067-26-2	Acenaphthene-d10	226342	14.187				
1517-22-2	Phenanthrene-d10	545989	16.998				
1719-03-5	Chrysene-d12	640529	21.433				
1520-96-3	Perylene-d12	749662	24.651				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/15/2024 12:00:00 AM
Project:				Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK			SDG No.:	BP111924
Lab Sample ID:	P4886-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	10	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023221.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	19.8	200	ug/Kg
100-52-7	Benzaldehyde	140	U	140	250	990	ug/Kg
110-86-1	Pyridine	99	U	99	500	990	ug/Kg
108-95-2	Phenol	130	U	130	250	990	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	120	U	120	250	990	ug/Kg
95-57-8	2-Chlorophenol	69	U	69	130	510	ug/Kg
95-48-7	2-Methylphenol	120	U	120	250	990	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	180	U	180	250	990	ug/Kg
98-86-2	Acetophenone	120	U	120	250	990	ug/Kg
106-44-5	4-Methylphenol	110	U	110	250	990	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	150	U	150	130	510	ug/Kg
67-72-1	Hexachloroethane	54	U	54	130	510	ug/Kg
98-95-3	Nitrobenzene	93	U	93	130	510	ug/Kg
78-59-1	Isophorone	140	U	140	130	510	ug/Kg
88-75-5	2-Nitrophenol	93	U	93	130	510	ug/Kg
105-67-9	2,4-Dimethylphenol	75	U	75	130	510	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	130	U	130	130	510	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	130	510	ug/Kg
91-20-3	Naphthalene	75	U	75	130	510	ug/Kg
106-47-8	4-Chloroaniline	72	U	72	130	990	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	130	510	ug/Kg
105-60-2	Caprolactam	220	U	220	250	990	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	150	130	510	ug/Kg
90-12-0	1-Methylnaphthalene	99	U	99	130	510	ug/Kg
91-57-6	2-Methylnaphthalene	69	U	69	130	510	ug/Kg
77-47-4	Hexachlorocyclopentadiene	290	U	290	250	990	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	130	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	130	510	ug/Kg

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Report of Analysis

Client:				Date Collected:	11/15/2024 12:00:00 AM
Project:				Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK			SDG No.:	BP111924
Lab Sample ID:	P4886-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	10	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023221.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	72	U	72	130	510	ug/Kg
91-58-7	2-Chloronaphthalene	78	U	78	130	510	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	130	510	ug/Kg
131-11-3	Dimethylphthalate	87	U	87	130	510	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	U	130	130	510	ug/Kg
208-96-8	Acenaphthylene	96	U	96	130	510	ug/Kg
99-09-2	3-Nitroaniline	130	U	130	250	990	ug/Kg
83-32-9	Acenaphthene	87	U	87	130	510	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	250	990	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	250	990	ug/Kg
132-64-9	Dibenzofuran	96	U	96	130	510	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	U	130	130	510	ug/Kg
84-66-2	Diethylphthalate	90	U	90	130	510	ug/Kg
86-73-7	Fluorene	75	U	75	130	510	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	130	510	ug/Kg
100-01-6	4-Nitroaniline	93	U	93	250	990	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	230	U	230	250	990	ug/Kg
86-30-6	N-Nitrosodiphenylamine	99	U	99	130	510	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	72	U	72	130	510	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87	U	87	130	510	ug/Kg
118-74-1	Hexachlorobenzene	96	U	96	130	510	ug/Kg
1912-24-9	Atrazine	210	U	210	250	990	ug/Kg
87-86-5	Pentachlorophenol	220	U	220	250	990	ug/Kg
85-01-8	Phenanthrene	87	U	87	130	510	ug/Kg
608-93-5	Pentachlorobenzene	160	U	160	130	510	ug/Kg
120-12-7	Anthracene	75	U	75	130	510	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	150	U	150	130	510	ug/Kg
86-74-8	Carbazole	84	U	84	250	990	ug/Kg
84-74-2	Di-n-butylphthalate	180	U	180	130	510	ug/Kg
206-44-0	Fluoranthene	160	U	160	250	510	ug/Kg

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Report of Analysis

Client:				Date Collected:	11/15/2024 12:00:00 AM
Project:				Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK			SDG No.:	BP111924
Lab Sample ID:	P4886-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	10	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023221.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	150	U	150	130	510	ug/Kg
85-68-7	Butylbenzylphthalate	250	U	250	130	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	250	990	ug/Kg
56-55-3	Benzo(a)anthracene	81	U	81	130	510	ug/Kg
218-01-9	Chrysene	93	U	93	130	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290	U	290	130	510	ug/Kg
117-84-0	Di-n-octyl phthalate	230	U	230	250	990	ug/Kg
205-99-2	Benzo(b)fluoranthene	99	U	99	130	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	130	510	ug/Kg
50-32-8	Benzo(a)pyrene	96	U	96	130	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	93	U	93	130	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	84	U	84	130	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	78	U	78	130	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	99	U	99	130	510	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0	U	10-150		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	15-120		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	10-140		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	10-135		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	10-120		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	10-140		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	10-145		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	20-140		0	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/15/2024 12:00:00 AM
Project:				Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK			SDG No.:	BP111924
Lab Sample ID:	P4886-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	10	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023221.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0	U	10-150		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60018	7.569				
1146-65-2	Naphthalene-d8	202678	10.316				
15067-26-2	Acenaphthene-d10	152370	14.18				
1517-22-2	Phenanthrene-d10	374195	16.992				
1719-03-5	Chrysene-d12	465837	21.433				
1520-96-3	Perylene-d12	551470	24.656				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	72	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	11/15/2024 12:00:00 AM
Project:				Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK			SDG No.:	BP111924
Lab Sample ID:	P4886-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	10	Units:	g	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
BP023222.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165054

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	66	U	66	39.6	400	ug/Kg
100-52-7	Benzaldehyde	270	U	270	500	2000	ug/Kg
110-86-1	Pyridine	200	U	200	990	2000	ug/Kg
108-95-2	Phenol	260	U	260	500	2000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	240	U	240	500	2000	ug/Kg
95-57-8	2-Chlorophenol	140	U	140	260	1000	ug/Kg
95-48-7	2-Methylphenol	230	U	230	500	2000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	360	U	360	500	2000	ug/Kg
98-86-2	Acetophenone	240	U	240	500	2000	ug/Kg
106-44-5	4-Methylphenol	220	U	220	500	2000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	310	U	310	260	1000	ug/Kg
67-72-1	Hexachloroethane	110	U	110	260	1000	ug/Kg
98-95-3	Nitrobenzene	190	U	190	260	1000	ug/Kg
78-59-1	Isophorone	290	U	290	260	1000	ug/Kg
88-75-5	2-Nitrophenol	190	U	190	260	1000	ug/Kg
105-67-9	2,4-Dimethylphenol	150	U	150	260	1000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	260	U	260	260	1000	ug/Kg
120-83-2	2,4-Dichlorophenol	96	U	96	260	1000	ug/Kg
91-20-3	Naphthalene	150	U	150	260	1000	ug/Kg
106-47-8	4-Chloroaniline	140	U	140	260	2000	ug/Kg
87-68-3	Hexachlorobutadiene	260	U	260	260	1000	ug/Kg
105-60-2	Caprolactam	430	U	430	500	2000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	290	U	290	260	1000	ug/Kg
90-12-0	1-Methylnaphthalene	200	U	200	260	1000	ug/Kg
91-57-6	2-Methylnaphthalene	140	U	140	260	1000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	570	U	570	500	2000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	290	U	290	260	1000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	230	U	230	260	1000	ug/Kg

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Report of Analysis

Client:				Date Collected:	11/15/2024 12:00:00 AM
Project:				Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK			SDG No.:	BP111924
Lab Sample ID:	P4886-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	10	Units:	g	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
BP023222.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165054

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	140	U	140	260	1000	ug/Kg
91-58-7	2-Chloronaphthalene	160	U	160	260	1000	ug/Kg
88-74-4	2-Nitroaniline	250	U	250	260	1000	ug/Kg
131-11-3	Dimethylphthalate	170	U	170	260	1000	ug/Kg
606-20-2	2,6-Dinitrotoluene	260	U	260	260	1000	ug/Kg
208-96-8	Acenaphthylene	190	U	190	260	1000	ug/Kg
99-09-2	3-Nitroaniline	260	U	260	500	2000	ug/Kg
83-32-9	Acenaphthene	170	U	170	260	1000	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	500	2000	ug/Kg
100-02-7	4-Nitrophenol	260	U	260	500	2000	ug/Kg
132-64-9	Dibenzofuran	190	U	190	260	1000	ug/Kg
121-14-2	2,4-Dinitrotoluene	260	U	260	260	1000	ug/Kg
84-66-2	Diethylphthalate	180	U	180	260	1000	ug/Kg
86-73-7	Fluorene	150	U	150	260	1000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	260	1000	ug/Kg
100-01-6	4-Nitroaniline	190	U	190	500	2000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	460	U	460	500	2000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	200	U	200	260	1000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	260	1000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	170	U	170	260	1000	ug/Kg
118-74-1	Hexachlorobenzene	190	U	190	260	1000	ug/Kg
1912-24-9	Atrazine	430	U	430	500	2000	ug/Kg
87-86-5	Pentachlorophenol	440	U	440	500	2000	ug/Kg
85-01-8	Phenanthrene	170	U	170	260	1000	ug/Kg
608-93-5	Pentachlorobenzene	310	U	310	260	1000	ug/Kg
120-12-7	Anthracene	150	U	150	260	1000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	300	U	300	260	1000	ug/Kg
86-74-8	Carbazole	170	U	170	500	2000	ug/Kg
84-74-2	Di-n-butylphthalate	370	U	370	260	1000	ug/Kg
206-44-0	Fluoranthene	320	U	320	500	1000	ug/Kg

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Report of Analysis

Client:				Date Collected:	11/15/2024 12:00:00 AM
Project:				Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK			SDG No.:	BP111924
Lab Sample ID:	P4886-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	10	Units:	g	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
BP023222.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165054

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	290	U	290	260	1000	ug/Kg
85-68-7	Butylbenzylphthalate	500	U	500	260	1000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	290	U	290	500	2000	ug/Kg
56-55-3	Benzo(a)anthracene	160	U	160	260	1000	ug/Kg
218-01-9	Chrysene	190	U	190	260	1000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	580	U	580	260	1000	ug/Kg
117-84-0	Di-n-octyl phthalate	460	U	460	500	2000	ug/Kg
205-99-2	Benzo(b)fluoranthene	200	U	200	260	1000	ug/Kg
207-08-9	Benzo(k)fluoranthene	230	U	230	260	1000	ug/Kg
50-32-8	Benzo(a)pyrene	190	U	190	260	1000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	U	190	260	1000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	U	170	260	1000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	U	160	260	1000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	200	U	200	260	1000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0	U	10-150		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	15-120		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	10-140		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	10-135		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	10-120		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	10-140		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	10-145		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	20-140		0	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/15/2024 12:00:00 AM
Project:				Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK			SDG No.:	BP111924
Lab Sample ID:	P4886-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	10	Units:	g	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
BP023222.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165054

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0	U	10-150		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	51880	7.575				
1146-65-2	Naphthalene-d8	176137	10.328				
15067-26-2	Acenaphthene-d10	126737	14.192				
1517-22-2	Phenanthrene-d10	301499	16.998				
1719-03-5	Chrysene-d12	381053	21.445				
1520-96-3	Perylene-d12	490540	24.668				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	140	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Z3			SDG No.:	BP111924
Lab Sample ID:	P4875-02			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
BP023223.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165073

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:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Z3			SDG No.:	BP111924
Lab Sample ID:	P4875-02			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
BP023223.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165073

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:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Z3			SDG No.:	BP111924
Lab Sample ID:	P4875-02			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
BP023223.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165073

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	4.883		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	4.456	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	8.298		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.583		25-120		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.635		20-130		57	SPK: -40
190780-66-6	4-Methylphenol-d8	18.688		25-125		47	SPK: -40
4165-60-0	Nitrobenzene-d5	27.583		20-125		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.154		20-130		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.92		20-120		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.577		1-146		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.94		25-130		80	SPK: -40
93951-97-4	Acenaphthylene-d8	28.856		10-130		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.25		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	31.91		25-125		80	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Z3			SDG No.:	BP111924
Lab Sample ID:	P4875-02			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
BP023223.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165073

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.059		10-130		73	SPK: -40
1719-06-8	Anthracene-d10	35.295		25-130		88	SPK: -40
1718-52-1	Pyrene-d10	34.544		15-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.987		20-130		92	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56237	7.569				
1146-65-2	Naphthalene-d8	194920	10.322				
15067-26-2	Acenaphthene-d10	148288	14.192				
1517-22-2	Phenanthrene-d10	375168	16.998				
1719-03-5	Chrysene-d12	498227	21.433				
1520-96-3	Perylene-d12	675498	24.662				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	4.6	J			15.581	
000057-10-3	n-Hexadecanoic acid	2.6	J			17.945	
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Z5			SDG No.:	BP111924
Lab Sample ID:	P4875-03			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
BP023224.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165073

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	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	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:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Z5			SDG No.:	BP111924
Lab Sample ID:	P4875-03			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
BP023224.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165073

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:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Z5			SDG No.:	BP111924
Lab Sample ID:	P4875-03			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
BP023224.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165073

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	4.866		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	2.735	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	7.331		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.029		25-120		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.449		20-130		56	SPK: -40
190780-66-6	4-Methylphenol-d8	16.98		25-125		42	SPK: -40
4165-60-0	Nitrobenzene-d5	25.296		20-125		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.642		20-130		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.337		20-120		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.303		1-146		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.686		25-130		74	SPK: -40
93951-97-4	Acenaphthylene-d8	25.78		10-130		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.204		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	27.833		25-125		70	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Z5			SDG No.:	BP111924
Lab Sample ID:	P4875-03			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
BP023224.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165073

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.588		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	32.989		25-130		82	SPK: -40
1718-52-1	Pyrene-d10	32.68		15-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.365		20-130		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75982	7.575				
1146-65-2	Naphthalene-d8	270271	10.322				
15067-26-2	Acenaphthene-d10	209251	14.192				
1517-22-2	Phenanthrene-d10	498685	16.998				
1719-03-5	Chrysene-d12	611037	21.439				
1520-96-3	Perylene-d12	763147	24.651				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	5.6	J			15.581	
000057-10-3	n-Hexadecanoic acid	3	J			17.933	
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Z7			SDG No.:	BP111924
Lab Sample ID:	P4875-04			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
BP023225.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165073

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	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	0.93	U	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	1.4	U	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	1.2	U	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:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Z7			SDG No.:	BP111924
Lab Sample ID:	P4875-04			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
BP023225.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165073

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	1.4	U	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	1.7	U	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	1.7	U	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:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Z7			SDG No.:	BP111924
Lab Sample ID:	P4875-04			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
BP023225.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165073

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	5.318		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	6.266	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	12.425		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.566		25-120		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.327		20-130		63	SPK: -40
190780-66-6	4-Methylphenol-d8	20.571		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	27.68		20-125		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.26		20-130		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.28		20-120		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.657		1-146		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.495		25-130		79	SPK: -40
93951-97-4	Acenaphthylene-d8	28.662		10-130		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.743		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	30.62		25-125		77	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Z7			SDG No.:	BP111924
Lab Sample ID:	P4875-04			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
BP023225.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165073

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.295		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	35.658		25-130		89	SPK: -40
1718-52-1	Pyrene-d10	36.347		15-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.755		20-130		94	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75150	7.569				
1146-65-2	Naphthalene-d8	262832	10.316				
15067-26-2	Acenaphthene-d10	200236	14.192				
1517-22-2	Phenanthrene-d10	488397	17.004				
1719-03-5	Chrysene-d12	591521	21.439				
1520-96-3	Perylene-d12	716805	24.651				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E2A13			SDG No.:	BP111924
Lab Sample ID:	P4875-05			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
BP023226.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165073

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:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E2A13			SDG No.:	BP111924
Lab Sample ID:	P4875-05			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
BP023226.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165073

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:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E2A13			SDG No.:	BP111924
Lab Sample ID:	P4875-05			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
BP023226.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165073

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	5.576		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	13.097		10-130		33	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.242		25-120		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.372		20-130		73	SPK: -40
190780-66-6	4-Methylphenol-d8	23.73		25-125		59	SPK: -40
4165-60-0	Nitrobenzene-d5	30.139		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.579		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.091		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.463		1-146		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.889		25-130		85	SPK: -40
93951-97-4	Acenaphthylene-d8	30.683		10-130		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.396		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	33.02		25-125		83	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E2A13			SDG No.:	BP111924
Lab Sample ID:	P4875-05			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
BP023226.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165073

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.586		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	35.963		25-130		90	SPK: -40
1718-52-1	Pyrene-d10	36.258		15-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.788		20-130		92	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80016	7.569				
1146-65-2	Naphthalene-d8	287060	10.316				
15067-26-2	Acenaphthene-d10	218989	14.181				
1517-22-2	Phenanthrene-d10	531341	16.998				
1719-03-5	Chrysene-d12	652559	21.427				
1520-96-3	Perylene-d12	814034	24.639				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	2	J			15.575	
000057-10-3	n-Hexadecanoic acid	2.3	J			17.928	
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E2A22			SDG No.:	BP111924
Lab Sample ID:	P4875-08			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
BP023227.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165076

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	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	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:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E2A22			SDG No.:	BP111924
Lab Sample ID:	P4875-08			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
BP023227.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165076

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:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E2A22			SDG No.:	BP111924
Lab Sample ID:	P4875-08			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
BP023227.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165076

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	5.427		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	11.455		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.213		25-120		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.914		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	22.621		25-125		57	SPK: -40
4165-60-0	Nitrobenzene-d5	32.407		20-125		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.876		20-130		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.523		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.184		1-146		15	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.493		25-130		94	SPK: -40
93951-97-4	Acenaphthylene-d8	34.289		10-130		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.399		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	35.866		25-125		90	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E2A22			SDG No.:	BP111924
Lab Sample ID:	P4875-08			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
BP023227.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.235		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	38.012		25-130		95	SPK: -40
1718-52-1	Pyrene-d10	37.496		15-130		94	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.926		20-130		97	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67513	7.569				
1146-65-2	Naphthalene-d8	238545	10.316				
15067-26-2	Acenaphthene-d10	175905	14.192				
1517-22-2	Phenanthrene-d10	441300	17.004				
1719-03-5	Chrysene-d12	542835	21.433				
1520-96-3	Perylene-d12	687190	24.657				
TENTATIVE IDENTIFIED COMPOUNDS							
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	2.3	J			17.692	
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E2A23			SDG No.:	BP111924
Lab Sample ID:	P4875-09			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
BP023228.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165076

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:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E2A23			SDG No.:	BP111924
Lab Sample ID:	P4875-09			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
BP023228.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165076

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:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E2A23			SDG No.:	BP111924
Lab Sample ID:	P4875-09			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
BP023228.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165076

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	5.4		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	12.755		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.52		25-120		89	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.628		20-130		84	SPK: -40
190780-66-6	4-Methylphenol-d8	25.069		25-125		63	SPK: -40
4165-60-0	Nitrobenzene-d5	36.542		20-125		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.268		20-130		93	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.587		20-120		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.109		1-146		13	SPK: -40
85448-30-2	Dimethylphthalate-d6	41.534		25-130		104	SPK: -40
93951-97-4	Acenaphthylene-d8	38.548		10-130		96	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.356		10-150		33	SPK: -40
81103-79-9	Fluorene-d10	41.241		25-125		103	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E2A23			SDG No.:	BP111924
Lab Sample ID:	P4875-09			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
BP023228.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.212		10-130		83	SPK: -40
1719-06-8	Anthracene-d10	44.364		25-130		111	SPK: -40
1718-52-1	Pyrene-d10	43.526		15-130		109	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	44.995		20-130		112	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71619	7.569				
1146-65-2	Naphthalene-d8	255278	10.322				
15067-26-2	Acenaphthene-d10	195446	14.181				
1517-22-2	Phenanthrene-d10	478322	16.986				
1719-03-5	Chrysene-d12	589884	21.433				
1520-96-3	Perylene-d12	700916	24.645				
TENTATIVE IDENTIFIED COMPOUNDS							
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	2.6	J			17.686	
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/13/2024 12:00:00 AM
Project:				Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	A0AT2			SDG No.:	BP111924
Lab Sample ID:	P4847-03			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
BP023229.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165071

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	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	0.93	U	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	1.4	U	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	1.2	U	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	1.2	J	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:	11/13/2024 12:00:00 AM
Project:				Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	A0AT2			SDG No.:	BP111924
Lab Sample ID:	P4847-03			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
BP023229.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165071

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	1.4	U	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	1.7	U	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	1.7	U	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:	11/13/2024 12:00:00 AM
Project:				Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	A0AT2			SDG No.:	BP111924
Lab Sample ID:	P4847-03			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
BP023229.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165071

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							
7291-22-7	Pyridine-d5	9.198		20-120		23	SPK: -40
17647-74-4	1,4-Dioxane-d8	5.493		15-120		69	SPK: -8
4165-62-2	Phenol-d5	9.985		10-130		25	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.025		25-120		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.751		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	20.862		25-125		52	SPK: -40
4165-60-0	Nitrobenzene-d5	29.636		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.463		20-130		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.229		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.039		1-146		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.069		25-130		85	SPK: -40
93951-97-4	Acenaphthylene-d8	31.684		10-130		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.179		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	32.971		25-125		82	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/13/2024 12:00:00 AM
Project:				Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	A0AT2			SDG No.:	BP111924
Lab Sample ID:	P4847-03			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
BP023229.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.228		10-130		76	SPK: -40
1719-06-8	Anthracene-d10	36.569		25-130		91	SPK: -40
1718-52-1	Pyrene-d10	34.897		15-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.278		20-130		93	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77373	7.569				
1146-65-2	Naphthalene-d8	271749	10.316				
15067-26-2	Acenaphthene-d10	205591	14.192				
1517-22-2	Phenanthrene-d10	501251	16.986				
1719-03-5	Chrysene-d12	670161	21.433				
1520-96-3	Perylene-d12	835770	24.645				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	A0AT5	SDG No.:	BP111924
Lab Sample ID:	P4847-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023230.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165071

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	1.8	J	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	J	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:	11/13/2024 12:00:00 AM
Project:				Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	A0AT5			SDG No.:	BP111924
Lab Sample ID:	P4847-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023230.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165071

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:	11/13/2024 12:00:00 AM
Project:				Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	A0AT5			SDG No.:	BP111924
Lab Sample ID:	P4847-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023230.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165071

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	5.323		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	7.212	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	13.011		10-130		33	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.399		25-120		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.9		20-130		72	SPK: -40
190780-66-6	4-Methylphenol-d8	25.737		25-125		64	SPK: -40
4165-60-0	Nitrobenzene-d5	30.98		20-125		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.734		20-130		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.99		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.399		1-146		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.883		25-130		87	SPK: -40
93951-97-4	Acenaphthylene-d8	32.659		10-130		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.145		10-150		28	SPK: -40
81103-79-9	Fluorene-d10	34.167		25-125		85	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/13/2024 12:00:00 AM
Project:				Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	A0AT5			SDG No.:	BP111924
Lab Sample ID:	P4847-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023230.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.167		10-130		73	SPK: -40
1719-06-8	Anthracene-d10	36.226		25-130		91	SPK: -40
1718-52-1	Pyrene-d10	37.569		15-130		94	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.75		20-130		92	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83092	7.569				
1146-65-2	Naphthalene-d8	312789	10.316				
15067-26-2	Acenaphthene-d10	241321	14.187				
1517-22-2	Phenanthrene-d10	615391	16.992				
1719-03-5	Chrysene-d12	723457	21.427				
1520-96-3	Perylene-d12	841907	24.645				
TENTATIVE IDENTIFIED COMPOUNDS							
000098-06-6	Benzene, tert-butyl-	3.5	J			7.175	
000496-11-7	Indane	16	J			7.928	
000135-01-3	Benzene, 1,2-diethyl-	4.1	J			8.04	
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	10	J			8.646	
004218-48-8	Benzene, 1-ethyl-4-(1-methylethyl)	2.5	J			8.869	
000527-84-4	o-Cymene	5.4	J			9.152	
000098-54-4	Phenol, p-tert-butyl-	2.3	J			11.669	
000934-34-9	2(3H)-Benzothiazolone	6	J			15.945	
000057-10-3	n-Hexadecanoic acid	2.2	J			17.933	
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	12	J			19.551	
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/13/2024 12:00:00 AM
Project:				Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	A0AT7			SDG No.:	BP111924
Lab Sample ID:	P4847-07			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
BP023231.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165071

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	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	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:	11/13/2024 12:00:00 AM
Project:				Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	A0AT7			SDG No.:	BP111924
Lab Sample ID:	P4847-07			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
BP023231.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165071

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:	11/13/2024 12:00:00 AM
Project:				Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	A0AT7			SDG No.:	BP111924
Lab Sample ID:	P4847-07			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
BP023231.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165071

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	5.616		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	13.08		10-130		33	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.355		25-120		86	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.329		20-130		83	SPK: -40
190780-66-6	4-Methylphenol-d8	25.755		25-125		64	SPK: -40
4165-60-0	Nitrobenzene-d5	36.184		20-125		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.861		20-130		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.389		20-120		86	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.277		1-146		11	SPK: -40
85448-30-2	Dimethylphthalate-d6	40.751		25-130		102	SPK: -40
93951-97-4	Acenaphthylene-d8	37.504		10-130		94	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.129		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	38.555		25-125		96	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/13/2024 12:00:00 AM
Project:				Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	A0AT7			SDG No.:	BP111924
Lab Sample ID:	P4847-07			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
BP023231.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.024		10-130		85	SPK: -40
1719-06-8	Anthracene-d10	42.519		25-130		106	SPK: -40
1718-52-1	Pyrene-d10	42.258		15-130		106	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	44.861		20-130		112	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74253	7.569				
1146-65-2	Naphthalene-d8	267094	10.316				
15067-26-2	Acenaphthene-d10	210661	14.187				
1517-22-2	Phenanthrene-d10	514653	16.998				
1719-03-5	Chrysene-d12	611746	21.433				
1520-96-3	Perylene-d12	705659	24.645				
TENTATIVE IDENTIFIED COMPOUNDS							
000090-05-1	Phenol, 2-methoxy-	6	J			8.652	
000621-59-0	Benzaldehyde, 3-hydroxy-4-methoxy-	2.9	J			13.14	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	6.8	J			17.686	
000112-79-8	9-Octadecenoic acid, (E)-	5.3	J			19.145	
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/18/2024 12:00:00 AM
Project:				Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SLCS073			SDG No.:	BP111924
Lab Sample ID:	PB165073BS			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
BP023232.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165073

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12		0.35	0.5	2	ug/L
110-86-1	Pyridine	31		1.7	10	10	ug/L
100-52-7	Benzaldehyde	23		1.1	5	10	ug/L
108-95-2	Phenol	33		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	32		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	33		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	31		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	32		1.9	5	10	ug/L
98-86-2	Acetophenone	31		1.5	5	10	ug/L
106-44-5	4-Methylphenol	31		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	32		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	32		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	35		1.4	2.5	5	ug/L
78-59-1	Isophorone	35		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	35		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	28		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	35		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	34		1.1	2.5	5	ug/L
91-20-3	Naphthalene	33		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	22		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	34		1.5	2.5	5	ug/L
105-60-2	Caprolactam	33		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	34		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	33		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	34		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	26		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	33		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	34		1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	11/18/2024 12:00:00 AM
Project:				Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SLCS073			SDG No.:	BP111924
Lab Sample ID:	PB165073BS			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
BP023232.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165073

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	34		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	37		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	34		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	36		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	35		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	33		1.6	5	10	ug/L
83-32-9	Acenaphthene	34		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	30		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	40		1.4	5	10	ug/L
132-64-9	Dibenzofuran	34		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	36		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	35		1.3	2.5	5	ug/L
86-73-7	Fluorene	34		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	34		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	40		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	33		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	35		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	34		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	35		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	35		1.2	2.5	5	ug/L
1912-24-9	Atrazine	13		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	28		1.9	5	10	ug/L
85-01-8	Phenanthrene	35		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	34		1.7	2.5	5	ug/L
120-12-7	Anthracene	34		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	35		1.7	2.5	5	ug/L
86-74-8	Carbazole	35		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	37		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	36		1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	11/18/2024 12:00:00 AM
Project:				Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SLCS073			SDG No.:	BP111924
Lab Sample ID:	PB165073BS			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
BP023232.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165073

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	35		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	39		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	30		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	36		1.1	2.5	5	ug/L
218-01-9	Chrysene	35		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	39		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	38		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	38		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	37		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	37		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	35		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	35		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	35		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	31		1.5	2.5	5	ug/L
SURROGATES							
7291-22-7	Pyridine-d5	31.797		20-120		79	SPK: -40
17647-74-4	1,4-Dioxane-d8	7.06		15-120		88	SPK: -8
4165-62-2	Phenol-d5	33.787		10-130		84	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.983		25-120		85	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.387		20-130		86	SPK: -40
190780-66-6	4-Methylphenol-d8	32.031		25-125		80	SPK: -40
4165-60-0	Nitrobenzene-d5	36.115		20-125		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.568		20-130		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.785		20-120		89	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.165		1-146		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.402		25-130		89	SPK: -40
93951-97-4	Acenaphthylene-d8	36.1		10-130		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.139		10-150		80	SPK: -40
81103-79-9	Fluorene-d10	36.15		25-125		90	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/18/2024 12:00:00 AM
Project:				Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SLCS073			SDG No.:	BP111924
Lab Sample ID:	PB165073BS			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
BP023232.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165073

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.804		10-130		87	SPK: -40
1719-06-8	Anthracene-d10	35.032		25-130		88	SPK: -40
1718-52-1	Pyrene-d10	36.73		15-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.114		20-130		95	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90173	7.569				
1146-65-2	Naphthalene-d8	333229	10.316				
15067-26-2	Acenaphthene-d10	275045	14.187				
1517-22-2	Phenanthrene-d10	693048	16.998				
1719-03-5	Chrysene-d12	814006	21.433				
1520-96-3	Perylene-d12	938560	24.645				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/18/2024 12:00:00 AM
Project:				Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SLCS076			SDG No.:	BP111924
Lab Sample ID:	PB165076BS			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
BP023233.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	22		1.1	5	10	ug/L
110-86-1	Pyridine	31		1.7	10	10	ug/L
108-95-2	Phenol	32		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	31		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	32		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	30		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	32		1.9	5	10	ug/L
98-86-2	Acetophenone	30		1.5	5	10	ug/L
106-44-5	4-Methylphenol	30		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	31		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	31		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	33		1.4	2.5	5	ug/L
78-59-1	Isophorone	33		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	34		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	34		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	33		1.1	2.5	5	ug/L
91-20-3	Naphthalene	32		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	22		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	31		1.5	2.5	5	ug/L
105-60-2	Caprolactam	33		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	33		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	31		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	32		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	25		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	32		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	33		1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	11/18/2024 12:00:00 AM
Project:				Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SLCS076			SDG No.:	BP111924
Lab Sample ID:	PB165076BS			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
BP023233.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	34		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	36		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	34		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	36		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	34		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	33		1.6	5	10	ug/L
83-32-9	Acenaphthene	33		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	31		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	28		1.4	5	10	ug/L
132-64-9	Dibenzofuran	33		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	35		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	34		1.3	2.5	5	ug/L
86-73-7	Fluorene	33		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	33		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	39		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	33		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	35		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	33		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	34		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	34		1.2	2.5	5	ug/L
1912-24-9	Atrazine	13		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	28		1.9	5	10	ug/L
85-01-8	Phenanthrene	35		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	33		1.7	2.5	5	ug/L
120-12-7	Anthracene	34		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	35		1.7	2.5	5	ug/L
86-74-8	Carbazole	35		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	36		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	37		1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	11/18/2024 12:00:00 AM
Project:				Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SLCS076			SDG No.:	BP111924
Lab Sample ID:	PB165076BS			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
BP023233.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	35		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	38		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	30		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	35		1.1	2.5	5	ug/L
218-01-9	Chrysene	34		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	38		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	37		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	37		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	35		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	35		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	34		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	34		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	35		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	30		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.871		15-120		86	SPK: -8
7291-22-7	Pyridine-d5	31.374		20-120		78	SPK: -40
4165-62-2	Phenol-d5	32.936		10-130		82	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.829		25-120		82	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.731		20-130		84	SPK: -40
190780-66-6	4-Methylphenol-d8	31.02		25-125		78	SPK: -40
4165-60-0	Nitrobenzene-d5	34.405		20-125		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.458		20-130		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.092		20-120		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.641		1-146		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.207		25-130		86	SPK: -40
93951-97-4	Acenaphthylene-d8	34.432		10-130		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.784		10-150		77	SPK: -40
81103-79-9	Fluorene-d10	34.46		25-125		86	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/18/2024 12:00:00 AM
Project:				Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SLCS076			SDG No.:	BP111924
Lab Sample ID:	PB165076BS			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
BP023233.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.612		10-130		87	SPK: -40
1719-06-8	Anthracene-d10	34.995		25-130		87	SPK: -40
1718-52-1	Pyrene-d10	36.563		15-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.072		20-130		93	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92482	7.575				
1146-65-2	Naphthalene-d8	341910	10.322				
15067-26-2	Acenaphthene-d10	269508	14.181				
1517-22-2	Phenanthrene-d10	663288	16.986				
1719-03-5	Chrysene-d12	769000	21.427				
1520-96-3	Perylene-d12	895984	24.645				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/18/2024 12:00:00 AM
Project:				Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SLCS071			SDG No.:	BP111924
Lab Sample ID:	PB165071BS			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
BP023234.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	22		1.1	5	10	ug/L
110-86-1	Pyridine	31		1.7	10	10	ug/L
108-95-2	Phenol	32		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	33		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	33		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	31		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	33		1.9	5	10	ug/L
98-86-2	Acetophenone	30		1.5	5	10	ug/L
106-44-5	4-Methylphenol	31		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	32		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	33		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	34		1.4	2.5	5	ug/L
78-59-1	Isophorone	34		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	34		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	28		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	35		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	34		1.1	2.5	5	ug/L
91-20-3	Naphthalene	33		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	23		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	31		1.5	2.5	5	ug/L
105-60-2	Caprolactam	33		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	34		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	32		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	33		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	26		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	33		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	34		1.6	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	11/18/2024 12:00:00 AM
Project:				Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SLCS071			SDG No.:	BP111924
Lab Sample ID:	PB165071BS			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
BP023234.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	35		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	35		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	37		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	35		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	36		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	35		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	35		1.6	5	10	ug/L
83-32-9	Acenaphthene	34		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	30		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	29		1.4	5	10	ug/L
132-64-9	Dibenzofuran	34		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	36		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	35		1.3	2.5	5	ug/L
86-73-7	Fluorene	34		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	34		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	40		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	32		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	35		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	35		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	35		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	34		1.2	2.5	5	ug/L
1912-24-9	Atrazine	13		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	28		1.9	5	10	ug/L
85-01-8	Phenanthrene	35		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	34		1.7	2.5	5	ug/L
120-12-7	Anthracene	34		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	35		1.7	2.5	5	ug/L
86-74-8	Carbazole	34		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	37		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	37		1.9	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	11/18/2024 12:00:00 AM
Project:				Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SLCS071			SDG No.:	BP111924
Lab Sample ID:	PB165071BS			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
BP023234.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	37		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	39		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	30		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	36		1.1	2.5	5	ug/L
218-01-9	Chrysene	35		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	40		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	38		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	37		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	36		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	35		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	33		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	33		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	35		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	7.333		15-120		92	SPK: -8
7291-22-7	Pyridine-d5	31.873		20-120		80	SPK: -40
4165-62-2	Phenol-d5	33.464		10-130		84	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.043		25-120		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.358		20-130		86	SPK: -40
190780-66-6	4-Methylphenol-d8	31.841		25-125		80	SPK: -40
4165-60-0	Nitrobenzene-d5	34.987		20-125		87	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.67		20-130		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.298		20-120		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.474		1-146		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.713		25-130		89	SPK: -40
93951-97-4	Acenaphthylene-d8	35.935		10-130		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.125		10-150		80	SPK: -40
81103-79-9	Fluorene-d10	35.353		25-125		88	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/18/2024 12:00:00 AM
Project:				Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SLCS071			SDG No.:	BP111924
Lab Sample ID:	PB165071BS			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
BP023234.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.168		10-130		83	SPK: -40
1719-06-8	Anthracene-d10	34.69		25-130		87	SPK: -40
1718-52-1	Pyrene-d10	38.045		15-130		95	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.955		20-130		92	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93905	7.575				
1146-65-2	Naphthalene-d8	347653	10.31				
15067-26-2	Acenaphthene-d10	272874	14.175				
1517-22-2	Phenanthrene-d10	686487	16.992				
1719-03-5	Chrysene-d12	748485	21.427				
1520-96-3	Perylene-d12	871255	24.645				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/18/2024 12:00:00 AM
Project:				Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK061			SDG No.:	BP111924
Lab Sample ID:	PB165061BL			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
BP023236.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165061

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:	11/18/2024 12:00:00 AM
Project:				Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK061			SDG No.:	BP111924
Lab Sample ID:	PB165061BL			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
BP023236.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165061

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:	11/18/2024 12:00:00 AM
Project:				Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK061			SDG No.:	BP111924
Lab Sample ID:	PB165061BL			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
BP023236.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165061

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	7.083		15-120		89	SPK: -8
7291-22-7	Pyridine-d5	28.235		20-120		71	SPK: -40
4165-62-2	Phenol-d5	29.181		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.734		10-150		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.667		15-120		77	SPK: -40
190780-66-6	4-Methylphenol-d8	28.567		10-140		71	SPK: -40
4165-60-0	Nitrobenzene-d5	32.955		10-135		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.427		10-120		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.755		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.895		1-145		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.11		10-145		85	SPK: -40
93951-97-4	Acenaphthylene-d8	33.805		15-120		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.863		10-150		75	SPK: -40
81103-79-9	Fluorene-d10	33.8		20-140		84	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/18/2024 12:00:00 AM
Project:				Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK061			SDG No.:	BP111924
Lab Sample ID:	PB165061BL			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
BP023236.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165061

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.241		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	34.739		10-150		87	SPK: -40
1718-52-1	Pyrene-d10	35.502		10-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.621		10-140		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91754	7.569				
1146-65-2	Naphthalene-d8	331290	10.322				
15067-26-2	Acenaphthene-d10	244967	14.192				
1517-22-2	Phenanthrene-d10	599726	17.004				
1719-03-5	Chrysene-d12	699192	21.439				
1520-96-3	Perylene-d12	810548	24.662				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	11/18/2024 12:00:00 AM
Project:				Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK071			SDG No.:	BP111924
Lab Sample ID:	PB165071BL			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
BP023237.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165071

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:	11/18/2024 12:00:00 AM
Project:				Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK071			SDG No.:	BP111924
Lab Sample ID:	PB165071BL			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
BP023237.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165071

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:	11/18/2024 12:00:00 AM
Project:				Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK071			SDG No.:	BP111924
Lab Sample ID:	PB165071BL			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
BP023237.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165071

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	6.685		15-120		84	SPK: -8
7291-22-7	Pyridine-d5	27.087		20-120		68	SPK: -40
4165-62-2	Phenol-d5	27.643		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.89		25-120		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.733		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	26.573		25-125		66	SPK: -40
4165-60-0	Nitrobenzene-d5	31.058		20-125		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.719		20-130		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.591		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.382		1-146		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.376		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	31.981		10-130		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.217		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	31.288		25-125		78	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/18/2024 12:00:00 AM
Project:				Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK071			SDG No.:	BP111924
Lab Sample ID:	PB165071BL			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
BP023237.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.21		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	33.817		25-130		85	SPK: -40
1718-52-1	Pyrene-d10	32.636		15-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.565		20-130		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81062	7.569				
1146-65-2	Naphthalene-d8	290273	10.316				
15067-26-2	Acenaphthene-d10	221257	14.198				
1517-22-2	Phenanthrene-d10	538148	16.998				
1719-03-5	Chrysene-d12	645439	21.439				
1520-96-3	Perylene-d12	766452	24.668				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Z9			SDG No.:	BP111924
Lab Sample ID:	P4875-12			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
BP023238.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165076

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	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	0.93	U	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	1.4	U	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	1.2	U	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:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Z9			SDG No.:	BP111924
Lab Sample ID:	P4875-12			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
BP023238.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165076

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	1.4	U	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	1.7	U	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	1.7	U	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:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Z9			SDG No.:	BP111924
Lab Sample ID:	P4875-12			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
BP023238.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165076

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	4.984		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	6.541	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	5.913		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.972		25-120		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.648		20-130		57	SPK: -40
190780-66-6	4-Methylphenol-d8	15.193		25-125		38	SPK: -40
4165-60-0	Nitrobenzene-d5	28.68		20-125		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.451		20-130		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.689		20-120		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.24		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.551		25-130		84	SPK: -40
93951-97-4	Acenaphthylene-d8	30.339		10-130		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.886		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	32.856		25-125		82	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Z9			SDG No.:	BP111924
Lab Sample ID:	P4875-12			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
BP023238.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165076

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.427		10-130		76	SPK: -40
1719-06-8	Anthracene-d10	35.736		25-130		89	SPK: -40
1718-52-1	Pyrene-d10	37.141		15-130		93	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.229		20-130		98	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78402	7.575				
1146-65-2	Naphthalene-d8	284146	10.316				
15067-26-2	Acenaphthene-d10	218931	14.187				
1517-22-2	Phenanthrene-d10	545412	17.004				
1719-03-5	Chrysene-d12	663907	21.445				
1520-96-3	Perylene-d12	852103	24.668				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	8.6	J			15.581	
000057-10-3	n-Hexadecanoic acid	3.3	J			17.933	
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Z1			SDG No.:	BP111924
Lab Sample ID:	P4875-01			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
BP023239.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165073

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:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Z1			SDG No.:	BP111924
Lab Sample ID:	P4875-01			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
BP023239.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165073

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:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Z1			SDG No.:	BP111924
Lab Sample ID:	P4875-01			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
BP023239.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165073

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	4.596		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	9.061		20-120		23	SPK: -40
4165-62-2	Phenol-d5	6.138		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.555		25-120		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.927		20-130		50	SPK: -40
190780-66-6	4-Methylphenol-d8	15.156		25-125		38	SPK: -40
4165-60-0	Nitrobenzene-d5	22.875		20-125		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.143		20-130		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.818		20-120		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.155		1-146		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.07		25-130		68	SPK: -40
93951-97-4	Acenaphthylene-d8	24.21		10-130		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.328		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	25.92		25-125		65	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Z1			SDG No.:	BP111924
Lab Sample ID:	P4875-01			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
BP023239.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165073

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.363		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	29.102		25-130		73	SPK: -40
1718-52-1	Pyrene-d10	30.124		15-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.041		20-130		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88749	7.569				
1146-65-2	Naphthalene-d8	320038	10.31				
15067-26-2	Acenaphthene-d10	246351	14.187				
1517-22-2	Phenanthrene-d10	587260	16.998				
1719-03-5	Chrysene-d12	703614	21.433				
1520-96-3	Perylene-d12	847163	24.657				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	4.2	J			15.575	
E966796	Total Alkanes	1.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/11/2024 12:00:00 AM
Project:				Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	BHK70			SDG No.:	BP111924
Lab Sample ID:	P4817-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10
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
BP023240.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165061

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.3	74	ug/Kg
100-52-7	Benzaldehyde	50	U	50	91.7	370	ug/Kg
110-86-1	Pyridine	37	U	37	180	370	ug/Kg
108-95-2	Phenol	48	U	48	91.7	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	91.7	370	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	47.2	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	91.7	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	67	U	67	91.7	370	ug/Kg
98-86-2	Acetophenone	44	U	44	91.7	370	ug/Kg
106-44-5	4-Methylphenol	41	U	41	91.7	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	57	U	57	47.2	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	47.2	190	ug/Kg
98-95-3	Nitrobenzene	34	U	34	47.2	190	ug/Kg
78-59-1	Isophorone	53	U	53	47.2	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	47.2	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	47.2	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	47.2	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	47.2	190	ug/Kg
91-20-3	Naphthalene	28	U	28	47.2	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	47.2	370	ug/Kg
87-68-3	Hexachlorobutadiene	49	U	49	47.2	190	ug/Kg
105-60-2	Caprolactam	80	U	80	91.7	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	47.2	190	ug/Kg
90-12-0	1-Methylnaphthalene	37	U	37	47.2	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	47.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	91.7	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	47.2	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	47.2	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	11/11/2024 12:00:00 AM
Project:				Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	BHK70			SDG No.:	BP111924
Lab Sample ID:	P4817-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10
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
BP023240.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165061

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	47.2	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	47.2	190	ug/Kg
88-74-4	2-Nitroaniline	46	U	46	47.2	190	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	47.2	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	49	U	49	47.2	190	ug/Kg
208-96-8	Acenaphthylene	36	U	36	47.2	190	ug/Kg
99-09-2	3-Nitroaniline	49	U	49	91.7	370	ug/Kg
83-32-9	Acenaphthene	32	U	32	47.2	190	ug/Kg
51-28-5	2,4-Dinitrophenol	53	U	53	91.7	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	91.7	370	ug/Kg
132-64-9	Dibenzofuran	36	U	36	47.2	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	48	U	48	47.2	190	ug/Kg
84-66-2	Diethylphthalate	33	U	33	47.2	190	ug/Kg
86-73-7	Fluorene	28	U	28	47.2	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.2	190	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	91.7	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	86	U	86	91.7	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	37	U	37	47.2	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	47.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	47.2	190	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	47.2	190	ug/Kg
1912-24-9	Atrazine	79	U	79	91.7	370	ug/Kg
87-86-5	Pentachlorophenol	82	U	82	91.7	370	ug/Kg
85-01-8	Phenanthrene	32	U	32	47.2	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	47.2	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.2	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	56	U	56	47.2	190	ug/Kg
86-74-8	Carbazole	31	U	31	91.7	370	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	47.2	190	ug/Kg
206-44-0	Fluoranthene	60	U	60	91.7	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	11/11/2024 12:00:00 AM
Project:				Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	BHK70			SDG No.:	BP111924
Lab Sample ID:	P4817-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10
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
BP023240.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165061

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	47.2	190	ug/Kg
85-68-7	Butylbenzylphthalate	93	U	93	47.2	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	53	U	53	91.7	370	ug/Kg
56-55-3	Benzo(a)anthracene	30	U	30	47.2	190	ug/Kg
218-01-9	Chrysene	34	U	34	47.2	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	47.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	84	U	84	91.7	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	47.2	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	47.2	190	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	47.2	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	47.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	47.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	47.2	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	47.2	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.433		15-120		18	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	14.465		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.84		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.005		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	14.788		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	17.714		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.342		10-120		41	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.275		10-140		41	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.091		1-145		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.651		10-145		32	SPK: -40
93951-97-4	Acenaphthylene-d8	19.974		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.625		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	21.04		20-140		53	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/11/2024 12:00:00 AM
Project:				Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	BHK70			SDG No.:	BP111924
Lab Sample ID:	P4817-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10
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
BP023240.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165061

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.36		10-130		13	SPK: -40
1719-06-8	Anthracene-d10	22.28		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	23.107		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.182		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82252	7.575				
1146-65-2	Naphthalene-d8	292653	10.316				
15067-26-2	Acenaphthene-d10	233620	14.187				
1517-22-2	Phenanthrene-d10	565388	16.998				
1719-03-5	Chrysene-d12	662562	21.439				
1520-96-3	Perylene-d12	784895	24.651				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	190	J			15.581	
E966796	Total Alkanes	27	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	11/11/2024 12:00:00 AM
Project:				Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	BHK71			SDG No.:	BP111924
Lab Sample ID:	P4817-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.2
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
BP023241.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165061

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	92.6	370	ug/Kg
110-86-1	Pyridine	37	U	37	190	370	ug/Kg
108-95-2	Phenol	48	U	48	92.6	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	92.6	370	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	47.7	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	92.6	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	67	U	67	92.6	370	ug/Kg
98-86-2	Acetophenone	45	U	45	92.6	370	ug/Kg
106-44-5	4-Methylphenol	42	U	42	92.6	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	57	U	57	47.7	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	47.7	190	ug/Kg
98-95-3	Nitrobenzene	35	U	35	47.7	190	ug/Kg
78-59-1	Isophorone	54	U	54	47.7	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	47.7	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	47.7	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	47.7	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	47.7	190	ug/Kg
91-20-3	Naphthalene	28	U	28	47.7	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	47.7	370	ug/Kg
87-68-3	Hexachlorobutadiene	49	U	49	47.7	190	ug/Kg
105-60-2	Caprolactam	81	U	81	92.6	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55	U	55	47.7	190	ug/Kg
90-12-0	1-Methylnaphthalene	37	U	37	47.7	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	47.7	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.6	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	47.7	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	47.7	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	11/11/2024 12:00:00 AM
Project:				Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	BHK71			SDG No.:	BP111924
Lab Sample ID:	P4817-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.2
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
BP023241.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165061

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	47.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	47.7	190	ug/Kg
88-74-4	2-Nitroaniline	46	U	46	47.7	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	47.7	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	49	U	49	47.7	190	ug/Kg
208-96-8	Acenaphthylene	36	U	36	47.7	190	ug/Kg
99-09-2	3-Nitroaniline	49	U	49	92.6	370	ug/Kg
83-32-9	Acenaphthene	33	U	33	47.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	54	U	54	92.6	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.6	370	ug/Kg
132-64-9	Dibenzofuran	36	U	36	47.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	48	U	48	47.7	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	47.7	190	ug/Kg
86-73-7	Fluorene	28	U	28	47.7	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.7	190	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	92.6	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	86	U	86	92.6	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	37	U	37	47.7	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	47.7	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	47.7	190	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	47.7	190	ug/Kg
1912-24-9	Atrazine	80	U	80	92.6	370	ug/Kg
87-86-5	Pentachlorophenol	83	U	83	92.6	370	ug/Kg
85-01-8	Phenanthrene	33	U	33	47.7	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	47.7	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.7	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	56	U	56	47.7	190	ug/Kg
86-74-8	Carbazole	31	U	31	92.6	370	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	47.7	190	ug/Kg
206-44-0	Fluoranthene	61	U	61	92.6	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	11/11/2024 12:00:00 AM
Project:				Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	BHK71			SDG No.:	BP111924
Lab Sample ID:	P4817-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.2
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
BP023241.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165061

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	47.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	94	U	94	47.7	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54	U	54	92.6	370	ug/Kg
56-55-3	Benzo(a)anthracene	30	U	30	47.7	190	ug/Kg
218-01-9	Chrysene	35	U	35	47.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	47.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	85	U	85	92.6	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	47.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	47.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	47.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	47.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	47.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	47.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	47.7	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.832		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	12.617		20-120		32	SPK: -40
4165-62-2	Phenol-d5	20.939		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.633		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.126		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	21.302		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	24.453		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.121		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.903		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.48		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.808		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	26.992		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.843		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	27.943		20-140		70	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/11/2024 12:00:00 AM
Project:				Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	BHK71			SDG No.:	BP111924
Lab Sample ID:	P4817-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.2
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
BP023241.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165061

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.726		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	29.823		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	29.724		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.785		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76713	7.569				
1146-65-2	Naphthalene-d8	275651	10.316				
15067-26-2	Acenaphthene-d10	207648	14.187				
1517-22-2	Phenanthrene-d10	492579	17.004				
1719-03-5	Chrysene-d12	601752	21.439				
1520-96-3	Perylene-d12	750507	24.657				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	270	J			15.581	
000057-10-3	n-Hexadecanoic acid	240	J			17.933	
	(DEL) Alkane: Straight-Chain21.110	82	J			21.11	
000117-81-7	Bis(2-ethylhexyl) phthalate	130	J			21.339	
E966796	Total Alkanes	82				99	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: BP111924

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID : BHK70									
P4817-01	BHK70	Solid	Benzophenone	*	190.000	J			
P4817-01	BHK70	Solid	Total Alkanes	*	0.000		27	190	ug/Kg
			Total Tics :		**190.00**				
			Total Concentration:		**190.00**				
Client ID : BHK71									
P4817-02	BHK71	Solid	(DEL) Alkane: Straight-Chain21.1	*	82.000	J			
P4817-02	BHK71	Solid	Benzophenone	*	270.000	J			
P4817-02	BHK71	Solid	Bis(2-ethylhexyl) phthalate	*	130.000	J			
P4817-02	BHK71	Solid	n-Hexadecanoic acid	*	240.000	J			
P4817-02	BHK71	Solid	Total Alkanes	*	82.000		27	190	ug/Kg
			Total Tics :		**804.00**				
			Total Concentration:		**804.00**				
Client ID : A0AT1									
P4847-02	A0AT1	Water	2,6,6-Trimethyl-2-cyclohexene-1,4	*	2.200	J			
P4847-02	A0AT1	Water	9,10-Anthracenedione	*	5.100	J			
P4847-02	A0AT1	Water	Total Alkanes	*	0.000		1.1	5	ug/L
			Total Tics :		**7.30**				
P4847-02	A0AT1	Water	2,2-oxybis(1-Chloropropane)		80.000		1.9	10	ug/L
P4847-02	A0AT1	Water	2,4-Dinitrotoluene		200.000	E	1.5	5	ug/L
P4847-02	A0AT1	Water	2-Chloronaphthalene		140.000	E	1.1	5	ug/L
P4847-02	A0AT1	Water	2-Methylnaphthalene		69.000		1.1	5	ug/L
P4847-02	A0AT1	Water	4-Chlorophenyl-phenylether		55.000		1.1	5	ug/L
P4847-02	A0AT1	Water	Acenaphthene		18.000		0.96	5	ug/L
P4847-02	A0AT1	Water	Acenaphthylene		54.000		1.2	5	ug/L
P4847-02	A0AT1	Water	Anthracene		70.000		1.1	5	ug/L
P4847-02	A0AT1	Water	Benzo(a)anthracene		33.000		1.1	5	ug/L
P4847-02	A0AT1	Water	Benzo(a)pyrene		42.000		1.1	5	ug/L
P4847-02	A0AT1	Water	Benzo(b)fluoranthene		70.000		1.4	5	ug/L
P4847-02	A0AT1	Water	Benzo(g,h,i)perylene		66.000		1.2	5	ug/L
P4847-02	A0AT1	Water	Benzo(k)fluoranthene		63.000		1.4	5	ug/L
P4847-02	A0AT1	Water	Bis(2-Chloroethoxy)methane		34.000		1.5	5	ug/L
P4847-02	A0AT1	Water	Bis(2-Chloroethyl)ether		39.000		1.4	10	ug/L
P4847-02	A0AT1	Water	Bis(2-ethylhexyl)phthalate		63.000		3	5	ug/L
P4847-02	A0AT1	Water	Butylbenzylphthalate		73.000		2.7	5	ug/L
P4847-02	A0AT1	Water	Di-n-butylphthalate		230.000	E	1.9	5	ug/L
P4847-02	A0AT1	Water	Dibenzo(a,h)anthracene		36.000		1.3	5	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BP111924

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P4847-02	A0AT1	Water	Dibenzofuran		91.000	E	1.1	5	ug/L
P4847-02	A0AT1	Water	Diethylphthalate		190.000	E	1.3	5	ug/L
P4847-02	A0AT1	Water	Fluoranthene		71.000		1.9	5	ug/L
P4847-02	A0AT1	Water	Fluorene		13.000		0.94	5	ug/L
P4847-02	A0AT1	Water	Hexachlorobenzene		41.000		1.2	5	ug/L
P4847-02	A0AT1	Water	Hexachlorobutadiene		93.000	E	1.5	5	ug/L
P4847-02	A0AT1	Water	Hexachlorocyclopentadiene		87.000		3.1	10	ug/L
P4847-02	A0AT1	Water	Hexachloroethane		98.000	E	1.1	5	ug/L
P4847-02	A0AT1	Water	Indeno(1,2,3-cd)pyrene		43.000		1.4	5	ug/L
P4847-02	A0AT1	Water	Isophorone		140.000	E	1.7	5	ug/L
P4847-02	A0AT1	Water	N-Nitroso-di-n-propylamine		110.000	E	1.9	5	ug/L
P4847-02	A0AT1	Water	Naphthalene		19.000		0.94	5	ug/L
P4847-02	A0AT1	Water	Nitrobenzene		72.000		1.4	5	ug/L
P4847-02	A0AT1	Water	Phenanthrene		52.000		1.2	5	ug/L
			Total Svoc :		**2,555.00**				
			Total Concentration:		**2,562.30**				
Client ID :	**A0AT1DL**								
P4847-02DL	A0AT1DL	Water	Total Alkanes	*	0.000	D	5.5	25	ug/L
			Total Tics :		**0.00**				
P4847-02DL	A0AT1DL	Water	2,2-oxybis(1-Chloropropane)		80.000	D	9.5	50	ug/L
P4847-02DL	A0AT1DL	Water	2,4-Dinitrotoluene		180.000	D	7.5	25	ug/L
P4847-02DL	A0AT1DL	Water	2-Chloronaphthalene		140.000	D	5.5	25	ug/L
P4847-02DL	A0AT1DL	Water	2-Methylnaphthalene		68.000	D	5.5	25	ug/L
P4847-02DL	A0AT1DL	Water	4-Chlorophenyl-phenylether		56.000	D	5.5	25	ug/L
P4847-02DL	A0AT1DL	Water	Acenaphthene		18.000	JD	4.8	25	ug/L
P4847-02DL	A0AT1DL	Water	Acenaphthylene		55.000	D	6	25	ug/L
P4847-02DL	A0AT1DL	Water	Anthracene		68.000	D	5.5	25	ug/L
P4847-02DL	A0AT1DL	Water	Benzo(a)anthracene		34.000	D	5.5	25	ug/L
P4847-02DL	A0AT1DL	Water	Benzo(a)pyrene		40.000	D	5.5	25	ug/L
P4847-02DL	A0AT1DL	Water	Benzo(b)fluoranthene		69.000	D	7	25	ug/L
P4847-02DL	A0AT1DL	Water	Benzo(g,h,i)perylene		64.000	D	6	25	ug/L
P4847-02DL	A0AT1DL	Water	Benzo(k)fluoranthene		63.000	D	7	25	ug/L
P4847-02DL	A0AT1DL	Water	Bis(2-Chloroethoxy)methane		33.000	D	7.5	25	ug/L
P4847-02DL	A0AT1DL	Water	Bis(2-Chloroethyl)ether		38.000	JD	7	50	ug/L
P4847-02DL	A0AT1DL	Water	Bis(2-ethylhexyl)phthalate		56.000	D	15	25	ug/L
P4847-02DL	A0AT1DL	Water	Butylbenzylphthalate		68.000	D	13.5	25	ug/L
P4847-02DL	A0AT1DL	Water	Di-n-butylphthalate		230.000	D	9.5	25	ug/L
P4847-02DL	A0AT1DL	Water	Dibenzo(a,h)anthracene		35.000	D	6.5	25	ug/L
P4847-02DL	A0AT1DL	Water	Dibenzofuran		91.000	D	5.5	25	ug/L
P4847-02DL	A0AT1DL	Water	Diethylphthalate		190.000	D	6.5	25	ug/L

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BP111924

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P4847-02DL	A0AT1DL	Water	Fluoranthene		73.000	D	9.5	25	ug/L
P4847-02DL	A0AT1DL	Water	Fluorene		13.000	JD	4.7	25	ug/L
P4847-02DL	A0AT1DL	Water	Hexachlorobenzene		42.000	D	6	25	ug/L
P4847-02DL	A0AT1DL	Water	Hexachlorobutadiene		92.000	D	7.5	25	ug/L
P4847-02DL	A0AT1DL	Water	Hexachlorocyclopentadiene		66.000	D	15.5	50	ug/L
P4847-02DL	A0AT1DL	Water	Hexachloroethane		96.000	D	5.5	25	ug/L
P4847-02DL	A0AT1DL	Water	Indeno(1,2,3-cd)pyrene		42.000	D	7	25	ug/L
P4847-02DL	A0AT1DL	Water	Isophorone		140.000	D	8.5	25	ug/L
P4847-02DL	A0AT1DL	Water	N-Nitroso-di-n-propylamine		110.000	D	9.5	25	ug/L
P4847-02DL	A0AT1DL	Water	Naphthalene		19.000	JD	4.7	25	ug/L
P4847-02DL	A0AT1DL	Water	Nitrobenzene		70.000	D	7	25	ug/L
P4847-02DL	A0AT1DL	Water	Phenanthrene		53.000	D	6	25	ug/L
			Total Svoc :		**2,492.00**				
			Total Concentration:		**2,492.00**				
Client ID :	**A0AT2**								
P4847-03	A0AT2	Water	Total Alkanes	*	0.000		1.1	5.1	ug/L
			Total Tics :		**0.00**				
P4847-03	A0AT2	Water	1-Methylnaphthalene		1.200	J	0.93	5.1	ug/L
			Total Svoc :		**1.20**				
			Total Concentration:		**1.20**				
Client ID :	**A0AT5**								
P4847-04	A0AT5	Water	2(3H)-Benzothiazolone	*	6.000	J			
P4847-04	A0AT5	Water	Benzene, 1,2-diethyl-	*	4.100	J			
P4847-04	A0AT5	Water	Benzene, 1-ethyl-2,3-dimethyl-	*	10.000	J			
P4847-04	A0AT5	Water	Benzene, 1-ethyl-4-(1-methylethy	*	2.500	J			
P4847-04	A0AT5	Water	Benzene, tert-butyl-	*	3.500	J			
P4847-04	A0AT5	Water	Indane	*	16.000	J			
P4847-04	A0AT5	Water	n-Hexadecanoic acid	*	2.200	J			
P4847-04	A0AT5	Water	o-Cymene	*	5.400	J			
P4847-04	A0AT5	Water	Phenol, 4,4-(1-methylethylidene)b	*	12.000	J			
P4847-04	A0AT5	Water	Phenol, p-tert-butyl-	*	2.300	J			
P4847-04	A0AT5	Water	Total Alkanes	*	0.000		1.1	5	ug/L
			Total Tics :		**64.00**				
P4847-04	A0AT5	Water	1-Methylnaphthalene		1.800	J	0.91	5	ug/L
P4847-04	A0AT5	Water	2-Methylnaphthalene		1.100	J	1.1	5	ug/L
			Total Svoc :		**2.90**				
			Total Concentration:		**66.90**				
Client ID :	**A0AT7**								
P4847-07	A0AT7	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	6.800	J			

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

Hit Summary Sheet
SW-846

SDG No.: BP111924

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P4847-07	A0AT7	Water	9-Octadecenoic acid, (E)-	*	5.300	J			
P4847-07	A0AT7	Water	Benzaldehyde, 3-hydroxy-4-meth(	*	2.900	J			
P4847-07	A0AT7	Water	Phenol, 2-methoxy-	*	6.000	J			
P4847-07	A0AT7	Water	Total Alkanes	*	0.000		1.1	5.1	ug/L
			Total Tics :				**21.00**		
			Total Concentration:				**21.00**		
Client ID :	**E29Z1**								
P4875-01	E29Z1	Water	Benzophenone	*	4.200	J			
P4875-01	E29Z1	Water	Total Alkanes	*	0.000		1.1	5	ug/L
			Total Tics :				**4.20**		
			Total Concentration:				**4.20**		
Client ID :	**E29Z3**								
P4875-02	E29Z3	Water	Benzophenone	*	4.600	J			
P4875-02	E29Z3	Water	n-Hexadecanoic acid	*	2.600	J			
P4875-02	E29Z3	Water	Total Alkanes	*	0.000		1.1	5	ug/L
			Total Tics :				**7.20**		
			Total Concentration:				**7.20**		
Client ID :	**E29Z5**								
P4875-03	E29Z5	Water	Benzophenone	*	5.600	J			
P4875-03	E29Z5	Water	n-Hexadecanoic acid	*	3.000	J			
P4875-03	E29Z5	Water	Total Alkanes	*	0.000		1.1	5.1	ug/L
			Total Tics :				**8.60**		
			Total Concentration:				**8.60**		
Client ID :	**E29Z7**								
P4875-04	E29Z7	Water	Total Alkanes	*	0.000		1.1	5.1	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		
Client ID :	**E2A13**								
P4875-05	E2A13	Water	Benzophenone	*	2.000	J			
P4875-05	E2A13	Water	n-Hexadecanoic acid	*	2.300	J			
P4875-05	E2A13	Water	Total Alkanes	*	0.000		1.1	5	ug/L
			Total Tics :				**4.30**		
			Total Concentration:				**4.30**		
Client ID :	**E2A19**								
P4875-07	E2A19	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	5.400	J			
P4875-07	E2A19	Water	Phenol, 4-(1,1-dimethylpropyl)-	*	2.500	J			
P4875-07	E2A19	Water	Total Alkanes	*	0.000		1.1	5	ug/L
			Total Tics :				**7.90**		

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BP111924

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
			Total Concentration:				**7.90**		
Client ID :	**E2A22**								
P4875-08	E2A22	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	2.300	J			
P4875-08	E2A22	Water	Total Alkanes	*	0.000		1.1	5.1	ug/L
			Total Tics :				**2.30**		
			Total Concentration:				**2.30**		
Client ID :	**E2A23**								
P4875-09	E2A23	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	2.600	J			
P4875-09	E2A23	Water	Total Alkanes	*	0.000		1.1	5	ug/L
			Total Tics :				**2.60**		
			Total Concentration:				**2.60**		
Client ID :	**E29S9**								
P4875-11	E29S9	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	2.500	J			
P4875-11	E29S9	Water	Total Alkanes	*	0.000		1.1	5	ug/L
			Total Tics :				**2.50**		
			Total Concentration:				**2.50**		
Client ID :	**E29Z9**								
P4875-12	E29Z9	Water	Benzophenone	*	8.600	J			
P4875-12	E29Z9	Water	n-Hexadecanoic acid	*	3.300	J			
P4875-12	E29Z9	Water	Total Alkanes	*	0.000		1.1	5.1	ug/L
			Total Tics :				**11.90**		
			Total Concentration:				**11.90**		
Client ID :	**SVOC-GPC-BLANK**								
P4886-05	SVOC-GPC-BLANK	Solid	Total Alkanes	*	0.000		140	1000	ug/Kg
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		
Client ID :	**SVOC-GPC2-BLANK**								
P4886-10	SVOC-GPC2-BLANK	Solid	Total Alkanes	*	0.000		72	510	ug/Kg
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP110924 SAS No.: BP110924 SDG No.: BP110924

Instrument ID: Calibration Date(s): 11/8/2024

Calibration Time(s): 18:53

LAB FILE ID: RRFAL1 = BP022940.D RRFAL2 = BP022941.D RRFAL3 = BP022942.D
RRFAL4 = BP022943.D RRFAL5 = BP022944.D RRFAL6 = BP022945.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.498	0.499	0.485	0.464	0.457		0.481	4.0
Benzaldehyde		1.019	1.045	0.911	0.710	0.569	0.851	24.2
Pyridine		1.164	1.224	1.292	1.301	1.227	1.241	4.5
Hexachloroethane	0.515	0.551	0.543	0.552	0.557		0.544	3.1
Nitrobenzene	0.370	0.382	0.418	0.416	0.412		0.400	5.5
Isophorone	0.643	0.679	0.754	0.757	0.739		0.714	7.1
2-Nitrophenol	0.155	0.166	0.183	0.184	0.188		0.175	8.1
2,4-Dimethylphenol	0.359	0.355	0.405	0.384	0.388		0.378	5.6
Bis(2-Chloroethoxy)methane	0.351	0.383	0.412	0.416	0.403		0.393	6.8
2,4-Dichlorophenol	0.311	0.314	0.366	0.369	0.361		0.344	8.4
Naphthalene	0.926	0.948	1.027	0.989	0.968		0.972	4.0
4-Chloroaniline		0.370	0.402	0.412	0.417	0.408	0.402	4.7
Hexachlorobutadiene	0.325	0.304	0.317	0.309	0.303		0.312	3.0
Phenol		1.401	1.516	1.585	1.631	1.588	1.544	5.8
Caprolactam		0.087	0.105	0.106	0.107	0.107	0.102	8.6
4-Chloro-3-methylphenol	0.324	0.348	0.396	0.394	0.390		0.370	8.8
1-Methylnaphthalene	0.705	0.732	0.785	0.774	0.753		0.750	4.3
2-Methylnaphthalene	0.696	0.709	0.764	0.753	0.747		0.734	4.0
Hexachlorocyclopentadiene		0.254	0.324	0.370	0.392	0.433	0.355	19.3
2,4,6-Trichlorophenol	0.364	0.383	0.422	0.441	0.446		0.411	8.9
2,4,5-Trichlorophenol	0.372	0.410	0.468	0.477	0.489		0.443	11.3
1,1-Biphenyl	1.181	1.267	1.337	1.329	1.294		1.282	4.9
2-Chloronaphthalene	0.959	1.041	1.090	1.075	1.072		1.048	5.0
2-Nitroaniline	0.233	0.273	0.309	0.327	0.329		0.294	14.0
Bis(2-Chloroethyl)ether		1.099	1.155	1.198	1.207	1.143	1.160	3.8
Dimethylphthalate	1.293	1.440	1.479	1.475	1.421		1.422	5.4
2,6-Dinitrotoluene	0.233	0.259	0.284	0.303	0.304		0.277	10.9
Acenaphthylene	1.332	1.492	1.633	1.575	1.570		1.520	7.7
3-Nitroaniline		0.220	0.253	0.250	0.238	0.231	0.238	5.7
Acenaphthene	0.998	1.095	1.147	1.150	1.129		1.104	5.7
2,4-Dinitrophenol		0.140	0.171	0.207	0.227	0.237	0.196	20.5
4-Nitrophenol		0.172	0.259	0.278	0.289	0.271	0.253	18.6
Dibenzofuran	1.590	1.696	1.793	1.750	1.699		1.705	4.5
2,4-Dinitrotoluene	0.366	0.424	0.470	0.472	0.471		0.441	10.5
Diethylphthalate	1.288	1.401	1.450	1.473	1.418		1.406	5.1
2-Chlorophenol	1.013	1.107	1.120	1.171	1.210		1.124	6.6

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.: BP110924 SAS No.: BP110924 SDG No.: BP110924

Instrument ID: Calibration Date(s): 11/8/2024

Calibration Time(s): 18:53

LAB FILE ID: RRFAL1 = BP022940.D RRFAL2 = BP022941.D RRFAL3 = BP022942.D
RRFAL4 = BP022943.D RRFAL5 = BP022944.D RRFAL6 = BP022945.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.277	1.408	1.445	1.420	1.430		1.396	4.8
4-Chlorophenyl-phenylether	0.774	0.833	0.831	0.838	0.832		0.822	3.3
4-Nitroaniline		0.221	0.273	0.218	0.212	0.184	0.222	14.6
4,6-Dinitro-2-methylphenol		0.107	0.127	0.133	0.135	0.138	0.128	9.6
N-Nitrosodiphenylamine	0.418	0.447	0.492	0.489	0.464		0.462	6.6
1,2,4,5-Tetrachlorobenzene	0.636	0.660	0.703	0.695	0.682		0.675	4.1
4-Bromophenyl-phenylether	0.216	0.216	0.233	0.241	0.226		0.226	4.7
Hexachlorobenzene	0.279	0.280	0.297	0.288	0.282		0.285	2.7
Atrazine		0.211	0.227	0.232	0.224	0.223	0.223	3.5
Pentachlorophenol		0.152	0.172	0.181	0.183	0.197	0.177	9.4
2-Methylphenol		1.056	1.121	1.186	1.212	1.189	1.153	5.6
Phenanthrene	0.887	0.934	0.994	0.969	0.936		0.944	4.3
Pentachlorobenzene	0.288	0.297	0.307	0.314	0.302		0.302	3.2
Anthracene	0.874	0.953	1.006	0.969	0.945		0.949	5.1
1,2,3,4-Tetrachlorobenzene	0.246	0.256	0.275	0.276	0.267		0.264	4.9
Carbazole		0.776	0.883	0.845	0.821	0.817	0.828	4.7
Di-n-butylphthalate	0.831	0.873	0.972	0.972	0.949		0.919	7.0
Fluoranthene	0.950	0.997	1.082	1.146	1.131		1.061	8.0
Pyrene	1.040	1.087	1.167	1.225	1.180		1.140	6.6
Butylbenzylphthalate	0.318	0.334	0.377	0.419	0.428		0.375	13.0
3,3-Dichlorobenzidine		0.422	0.482	0.456	0.450	0.435	0.449	5.1
2,2-oxybis(1-Chloropropane)		1.294	1.331	1.358	1.327	1.258	1.314	2.9
Benzo(a)anthracene	1.121	1.197	1.276	1.268	1.244		1.221	5.2
Chrysene	1.092	1.114	1.218	1.174	1.148		1.149	4.3
Bis(2-ethylhexyl)phthalate	0.429	0.496	0.545	0.589	0.608		0.533	13.6
Di-n-octyl phthalate		0.660	0.770	0.851	0.851	0.924	0.811	12.4
Benzo(b)fluoranthene	0.988	1.052	1.205	1.151	1.171		1.113	8.1
Benzo(k)fluoranthene	0.992	1.041	1.139	1.174	1.133		1.096	7.0
Benzo(a)pyrene	0.901	0.958	1.055	1.060	1.057		1.006	7.2
Indeno(1,2,3-cd)pyrene	1.372	1.346	1.464	1.417	1.411		1.402	3.2
Dibenzo(a,h)anthracene	1.116	1.102	1.183	1.141	1.150		1.138	2.7
Benzo(g,h,i)perylene	1.043	1.011	1.101	1.082	1.088		1.065	3.5
Acetophenone		1.921	2.046	2.134	2.098	2.025	2.045	4.0
2,3,4,6-Tetrachlorophenol	0.388	0.406	0.447	0.462	0.463		0.433	7.9
1,4-Dioxane-d8	0.387	0.411	0.440	0.419	0.423		0.416	4.7
Pyridine-d5		1.130	1.255	1.272	1.289	1.235	1.236	5.1

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.: BP110924 SAS No.: BP110924 SDG No.: BP110924

Instrument ID: Calibration Date(s): 11/8/2024

Calibration Time(s): 18:53

LAB FILE ID: RRFAL1 = BP022940.D RRFAL2 = BP022941.D RRFAL3 = BP022942.D
RRFAL4 = BP022943.D RRFAL5 = BP022944.D RRFAL6 = BP022945.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.311	1.446	1.513	1.567	1.556	1.479	7.1
Bis-(2-Chloroethyl)ether-d8		0.842	0.876	0.892	0.889	0.846	0.869	2.7
2-Chlorophenol-d4	0.941	1.050	1.095	1.151	1.179		1.083	8.7
4-Methylphenol-d8		1.078	1.167	1.274	1.285	1.280	1.217	7.5
Nitrobenzene-d5	0.121	0.133	0.145	0.148	0.148		0.139	8.5
2-Nitrophenol-d4	0.142	0.153	0.171	0.181	0.182		0.166	10.5
2,4-Dichlorophenol-d3	0.302	0.331	0.360	0.373	0.372		0.348	8.9
4-Chloroaniline-d4		0.371	0.420	0.425	0.429	0.428	0.415	5.9
4-Methylphenol		1.166	1.252	1.329	1.330	1.289	1.273	5.4
Dimethylphthalate-d6	1.325	1.430	1.482	1.511	1.460		1.441	5.0
Acenaphthylene-d8	1.326	1.449	1.579	1.571	1.596		1.504	7.7
4-Nitrophenol-d4		0.166	0.214	0.229	0.241	0.233	0.217	13.9
Fluorene-d10	1.179	1.247	1.303	1.299	1.291		1.264	4.1
4,6-Dinitro-2-methylphenol-		0.101	0.116	0.124	0.126	0.131	0.120	9.8
Anthracene-d10	0.773	0.805	0.917	0.882	0.857		0.847	6.8
Pyrene-d10	0.806	0.884	0.942	0.993	0.980		0.921	8.3
Benzo(a)pyrene-d12	0.839	0.881	1.016	1.012	1.016		0.953	9.0
N-Nitroso-di-n-propylamine	0.873	1.009	1.066	1.100	1.057		1.021	8.7

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.: BP111924 SAS No.: BP111924 SDG NO.: BP111924

EPA Sample No.: SSTD020630 Date Analyzed: Nov 19 2024 12:00AM

Lab File ID: BP022942.D Time Analyzed: 11:12

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	53999	7.599	205623	10.35	171199	14.22
	UPPER LIMIT	107998	8.099	411246	10.851	342398	14.722
	LOWER LIMIT	26999.5	7.099	102811.5	9.851	85599.5	13.722
	EPA SAMPLE NO.						
01	SBLK073	69043	7.55	242242	10.30	182240	14.18
02	SBLK076	81312	7.58	286915	10.32	211617	14.18
03	E2A19	62097	7.58	218265	10.32	171545	14.18
04	A0AT1	61824	7.57	224548	10.32	175952	14.19
05	A0AT1DL	74742	7.57	259654	10.32	195598	14.19
06	E29S9	83882	7.57	300578	10.32	217464	14.19
07	SBLK071	84407	7.56	308787	10.32	226342	14.19
08	SVOC-GPC2-BLANK	60018	7.57	202678	10.32	152370	14.18
09	SVOC-GPC-BLANK	51880	7.58	176137	10.33	126737	14.19
10	E29Z3	56237	7.57	194920	10.32	148288	14.19
11	E29Z5	75982	7.58	270271	10.32	209251	14.19
12	E29Z7	75150	7.57	262832	10.32	200236	14.19
13	E2A13	80016	7.57	287060	10.32	218989	14.18
14	E2A22	67513	7.57	238545	10.32	175905	14.19
15	E2A23	71619	7.57	255278	10.32	195446	14.18
16	A0AT2	77373	7.57	271749	10.32	205591	14.19
17	A0AT5	83092	7.57	312789	10.32	241321	14.19
18	A0AT7	74253	7.57	267094	10.32	210661	14.19
19	SLCS073	90173	7.57	333229	10.32	275045	14.19
20	SLCS076	92482	7.58	341910	10.32	269508	14.18
21	SLCS071	93905	7.58	347653	10.31	272874	14.18
22	SBLK061	91754	7.57	331290	10.32	244967	14.19
23	SBLK071	81062	7.57	290273	10.32	221257	14.20

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP111924 SAS No.: BP111924 SDG NO.: BP111924

EPA Sample No.: SSTD020630 Date Analyzed: Nov 20 2024 12:00AM

Lab File ID: BP022942.D Time Analyzed: 05:29

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	53999	7.599	205623	10.35	171199	14.22
	UPPER LIMIT	107998	8.099	411246	10.851	342398	14.722
	LOWER LIMIT	26999.5	7.099	102811.5	9.851	85599.5	13.722
	EPA SAMPLE NO.						
24	E29Z9	78402	7.58	284146	10.32	218931	14.19
25	E29Z1	88749	7.57	320038	10.31	246351	14.19
26	BHK70	82252	7.58	292653	10.32	233620	14.19
27	BHK71	76713	7.57	275651	10.32	207648	14.19

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.: BP111924 SAS No.: BP111924 SDG NO.: BP111924

EPA Sample No.: SSTD020729 Date Analyzed: Nov 19 2024 12:00AM

Lab File ID: BP023212.D Time Analyzed: 11:12

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	95531	7.563	346100	10.32	263978	14.18
	UPPER LIMIT	191062	8.063	692200	10.816	527956	14.675
	LOWER LIMIT	47765.5	7.063	173050	9.816	131989	13.675
	EPA SAMPLE NO.						
01	SBLK073	69043	7.55	242242	10.30	182240	14.18
02	SBLK076	81312	7.58	286915	10.32	211617	14.18
03	E2A19	62097	7.58	218265	10.32	171545	14.18
04	A0AT1	61824	7.57	224548	10.32	175952	14.19
05	A0AT1DL	74742	7.57	259654	10.32	195598	14.19
06	E29S9	83882	7.57	300578	10.32	217464	14.19

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.: BP111924 SAS No.: BP111924 SDG NO.: BP111924

EPA Sample No.: SSTD020730 Date Analyzed: Nov 19 2024 12:00AM

Lab File ID: BP023219.D Time Analyzed: 16:39

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	71046	7.569	264596	10.32	208257	14.18
	UPPER LIMIT	142092	8.069	529192	10.816	416514	14.681
	LOWER LIMIT	35523	7.069	132298	9.816	104128.5	13.681
	EPA SAMPLE NO.						
01	SBLK071	84407	7.56	308787	10.32	226342	14.19
02	SVOC-GPC2-BLANK	60018	7.57	202678	10.32	152370	14.18
03	SVOC-GPC-BLANK	51880	7.58	176137	10.33	126737	14.19
04	E29Z3	56237	7.57	194920	10.32	148288	14.19
05	E29Z5	75982	7.58	270271	10.32	209251	14.19
06	E29Z7	75150	7.57	262832	10.32	200236	14.19
07	E2A13	80016	7.57	287060	10.32	218989	14.18
08	E2A22	67513	7.57	238545	10.32	175905	14.19
09	E2A23	71619	7.57	255278	10.32	195446	14.18
10	A0AT2	77373	7.57	271749	10.32	205591	14.19
11	A0AT5	83092	7.57	312789	10.32	241321	14.19
12	A0AT7	74253	7.57	267094	10.32	210661	14.19
13	SLCS073	90173	7.57	333229	10.32	275045	14.19
14	SLCS076	92482	7.58	341910	10.32	269508	14.18
15	SLCS071	93905	7.58	347653	10.31	272874	14.18

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.: BP111924 SAS No.: BP111924 SDG NO.: BP111924

EPA Sample No.: SSTD020731 Date Analyzed: Nov 20 2024 12:00AM

Lab File ID: BP023235.D Time Analyzed: 04:08

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	87155	7.569	314862	10.32	243864	14.19
	UPPER LIMIT	174310	8.069	629724	10.816	487728	14.686
	LOWER LIMIT	43577.5	7.069	157431	9.816	121932	13.686
	EPA SAMPLE NO.						
01	SBLK061	91754	7.57	331290	10.32	244967	14.19
02	SBLK071	81062	7.57	290273	10.32	221257	14.20
03	E29Z9	78402	7.58	284146	10.32	218931	14.19
04	E29Z1	88749	7.57	320038	10.31	246351	14.19
05	BHK70	82252	7.58	292653	10.32	233620	14.19
06	BHK71	76713	7.57	275651	10.32	207648	14.19

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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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP111924 SAS No.: BP111924 SDG NO.: BP111924

EPA Sample No.: SSTD020630 Date Analyzed: Nov 19 2024 12:00AM

Lab File ID: BP022942.D Time Analyzed: 11:12

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	436257	17.033	540002	21.457	665185	24.68
	UPPER LIMIT	872514	17.533	1080004	21.957	1330370	25.18
	LOWER LIMIT	218128.5	16.533	270001	20.957	332592.5	24.18
	EPA SAMPLE NO.						
01	SBLK073	440349	16.99	533764	21.45	617616	24.68
02	SBLK076	524848	16.99	605779	21.43	723097	24.65
03	E2A19	454008	16.99	556549	21.44	684056	24.65
04	A0AT1	426780	17.00	511004	21.44	611672	24.65
05	A0AT1DL	489099	16.99	574849	21.44	693042	24.66
06	E29S9	546617	16.99	637710	21.44	753800	24.66
07	SBLK071	545989	17.00	640529	21.43	749662	24.65
08	SVOC-GPC2-BLANK	374195	16.99	465837	21.43	551470	24.66
09	SVOC-GPC-BLANK	301499	17.00	381053	21.45	490540	24.67
10	E29Z3	375168	17.00	498227	21.43	675498	24.66
11	E29Z5	498685	17.00	611037	21.44	763147	24.65
12	E29Z7	488397	17.00	591521	21.44	716805	24.65
13	E2A13	531341	17.00	652559	21.43	814034	24.64
14	E2A22	441300	17.00	542835	21.43	687190	24.66
15	E2A23	478322	16.99	589884	21.43	700916	24.65
16	A0AT2	501251	16.99	670161	21.43	835770	24.65
17	A0AT5	615391	16.99	723457	21.43	841907	24.65
18	A0AT7	514653	17.00	611746	21.43	705659	24.65
19	SLCS073	693048	17.00	814006	21.43	938560	24.65
20	SLCS076	663288	16.99	769000	21.43	895984	24.65
21	SLCS071	686487	16.99	748485	21.43	871255	24.65

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP111924 SAS No.: BP111924 SDG NO.: BP111924

EPA Sample No.: SSTD020630 Date Analyzed: Nov 20 2024 12:00AM

Lab File ID: BP022942.D Time Analyzed: 04:08

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	436257	17.033	540002	21.457	665185	24.68
	UPPER LIMIT	872514	17.533	1080004	21.957	1330370	25.18
	LOWER LIMIT	218128.5	16.533	270001	20.957	332592.5	24.18
	EPA SAMPLE NO.						
22	SBLK061	599726	17.00	699192	21.44	810548	24.66
23	SBLK071	538148	17.00	645439	21.44	766452	24.67
24	E29Z9	545412	17.00	663907	21.45	852103	24.67
25	E29Z1	587260	17.00	703614	21.43	847163	24.66
26	BHK70	565388	17.00	662562	21.44	784895	24.65
27	BHK71	492579	17.00	601752	21.44	750507	24.66

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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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP111924 SAS No.: BP111924 SDG NO.: BP111924

EPA Sample No.: SSTD020729 Date Analyzed: Nov 19 2024 12:00AM

Lab File ID: BP023212.D Time Analyzed: 11:12

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	630260	16.986	709240	21.433	795458	24.651
	UPPER LIMIT	1260520	17.486	1418480	21.933	1590916	25.151
	LOWER LIMIT	315130	16.486	354620	20.933	397729	24.151
	EPA SAMPLE NO.						
01	SBLK073	440349	16.99	533764	21.45	617616	24.68
02	SBLK076	524848	16.99	605779	21.43	723097	24.65
03	E2A19	454008	16.99	556549	21.44	684056	24.65
04	A0AT1	426780	17.00	511004	21.44	611672	24.65
05	A0AT1DL	489099	16.99	574849	21.44	693042	24.66
06	E29S9	546617	16.99	637710	21.44	753800	24.66

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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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP111924 SAS No.: BP111924 SDG NO.: BP111924

EPA Sample No.: SSTD020730 Date Analyzed: Nov 19 2024 12:00AM

Lab File ID: BP023219.D Time Analyzed: 16:39

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	528465	16.998	621237	21.427	743395	24.651
	UPPER LIMIT	1056930	17.498	1242474	21.927	1486790	25.151
	LOWER LIMIT	264232.5	16.498	310618.5	20.927	371697.5	24.151
	EPA SAMPLE NO.						
01	SBLK071	545989	17.00	640529	21.43	749662	24.65
02	SVOC-GPC2-BLANK	374195	16.99	465837	21.43	551470	24.66
03	SVOC-GPC-BLANK	301499	17.00	381053	21.45	490540	24.67
04	E29Z3	375168	17.00	498227	21.43	675498	24.66
05	E29Z5	498685	17.00	611037	21.44	763147	24.65
06	E29Z7	488397	17.00	591521	21.44	716805	24.65
07	E2A13	531341	17.00	652559	21.43	814034	24.64
08	E2A22	441300	17.00	542835	21.43	687190	24.66
09	E2A23	478322	16.99	589884	21.43	700916	24.65
10	A0AT2	501251	16.99	670161	21.43	835770	24.65
11	A0AT5	615391	16.99	723457	21.43	841907	24.65
12	A0AT7	514653	17.00	611746	21.43	705659	24.65
13	SLCS073	693048	17.00	814006	21.43	938560	24.65
14	SLCS076	663288	16.99	769000	21.43	895984	24.65
15	SLCS071	686487	16.99	748485	21.43	871255	24.65

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP111924 SAS No.: BP111924 SDG NO.: BP111924

EPA Sample No.: SSTD020730 Date Analyzed: Nov 20 2024 12:00AM

Lab File ID: BP023219.D Time Analyzed: 02:07

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	528465	16.998	621237	21.427	743395	24.651
UPPER LIMIT	1056930	17.498	1242474	21.927	1486790	25.151
LOWER LIMIT	264232.5	16.498	310618.5	20.927	371697.5	24.151
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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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP111924 SAS No.: BP111924 SDG NO.: BP111924

EPA Sample No.: SSTD020731 Date Analyzed: Nov 20 2024 12:00AM

Lab File ID: BP023235.D Time Analyzed: 04:08

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	598628	16.998	691880	21.421	809295	24.633
	UPPER LIMIT	1197256	17.498	1383760	21.921	1618590	25.133
	LOWER LIMIT	299314	16.498	345940	20.921	404647.5	24.133
	EPA SAMPLE NO.						
01	SBLK061	599726	17.00	699192	21.44	810548	24.66
02	SBLK071	538148	17.00	645439	21.44	766452	24.67
03	E29Z9	545412	17.00	663907	21.45	852103	24.67
04	E29Z1	587260	17.00	703614	21.43	847163	24.66
05	BHK70	565388	17.00	662562	21.44	784895	24.65
06	BHK71	492579	17.00	601752	21.44	750507	24.66

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.: BP111924

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB165071BS	1,4-Dioxane	16	12	ug/L	75				0	0	
	Benzaldehyde	40	22	ug/L	55				0	0	
	Pyridine	40	31	ug/L	78				0	0	
	Phenol	40	32	ug/L	80				0	0	
	Bis(2-chloroethyl)ether	40	33	ug/L	83				0	0	
	2-Chlorophenol	40	33	ug/L	83				0	0	
	2-Methylphenol	40	31	ug/L	78				0	0	
	2,2-oxybis(1-Chloropropane)	40	33	ug/L	83				0	0	
	Acetophenone	40	30	ug/L	75				0	0	
	4-Methylphenol	40	31	ug/L	78				0	0	
	N-Nitroso-di-n-propylamine	40	32	ug/L	80				0	0	
	Hexachloroethane	40	33	ug/L	83				0	0	
	Nitrobenzene	40	34	ug/L	85				0	0	
	Isophorone	40	34	ug/L	85				0	0	
	2-Nitrophenol	40	34	ug/L	85				0	0	
	2,4-Dimethylphenol	40	28	ug/L	70				0	0	
	Bis(2-chloroethoxy)methane	40	35	ug/L	88				0	0	
	2,4-Dichlorophenol	40	34	ug/L	85				0	0	
	Naphthalene	40	33	ug/L	83				0	0	
	4-Chloroaniline	40	23	ug/L	58				0	0	
	Hexachlorobutadiene	40	31	ug/L	78				0	0	
	Caprolactam	40	33	ug/L	83				0	0	
	4-Chloro-3-methylphenol	40	34	ug/L	85				0	0	
	1-Methylnaphthalene	40	32	ug/L	80				0	0	
	2-Methylnaphthalene	40	33	ug/L	83				0	0	
	Hexachlorocyclopentadiene	40	26	ug/L	65				0	0	
	2,4,6-Trichlorophenol	40	33	ug/L	83				0	0	
	2,4,5-Trichlorophenol	40	34	ug/L	85				0	0	
	1,1'-Biphenyl	40	35	ug/L	88				0	0	
	2-Chloronaphthalene	40	35	ug/L	88				0	0	
	2-Nitroaniline	40	37	ug/L	93				0	0	
	Dimethylphthalate	40	35	ug/L	88				0	0	
	2,6-Dinitrotoluene	40	36	ug/L	90				0	0	
	Acenaphthylene	40	35	ug/L	88				0	0	
	3-Nitroaniline	40	35	ug/L	88				0	0	
	Acenaphthene	40	34	ug/L	85				0	0	
	2,4-Dinitrophenol	40	30	ug/L	75				0	0	
	4-Nitrophenol	40	29	ug/L	73				0	0	
	Dibenzofuran	40	34	ug/L	85				0	0	
	2,4-Dinitrotoluene	40	36	ug/L	90				0	0	
	Diethylphthalate	40	35	ug/L	88				0	0	
	Fluorene	40	34	ug/L	85				0	0	
	4-Chlorophenyl-phenylether	40	34	ug/L	85				0	0	
	4-Nitroaniline	40	40	ug/L	100				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP111924

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB165071BS	4,6-Dinitro-2-methylphenol	40	32	ug/L	80				0	0	
	N-Nitrosodiphenylamine	40	35	ug/L	88				0	0	
	1,2,4,5-Tetrachlorobenzene	40	35	ug/L	88				0	0	
	4-Bromophenyl-phenylether	40	35	ug/L	88				0	0	
	Hexachlorobenzene	40	34	ug/L	85				0	0	
	Atrazine	40	13	ug/L	33				0	0	
	Pentachlorophenol	40	28	ug/L	70				0	0	
	Phenanthrene	40	35	ug/L	88				0	0	
	Pentachlorobenzene	40	34	ug/L	85				0	0	
	Anthracene	40	34	ug/L	85				0	0	
	1,2,3,4-Tetrachlorobenzene	40	35	ug/L	88				0	0	
	Carbazole	40	34	ug/L	85				0	0	
	Di-n-butylphthalate	40	37	ug/L	93				0	0	
	Fluoranthene	40	37	ug/L	93				0	0	
	Pyrene	40	37	ug/L	93				0	0	
	Butylbenzylphthalate	40	39	ug/L	98				0	0	
	3,3'-Dichlorobenzidine	40	30	ug/L	75				0	0	
	Benzo(a)anthracene	40	36	ug/L	90				0	0	
	Chrysene	40	35	ug/L	88				0	0	
	Bis(2-ethylhexyl)phthalate	40	40	ug/L	100				0	0	
	Di-n-octylphthalate	40	38	ug/L	95				0	0	
	Benzo(b)fluoranthene	40	37	ug/L	93				0	0	
	Benzo(k)fluoranthene	40	36	ug/L	90				0	0	
	Benzo(a)pyrene	40	35	ug/L	88				0	0	
	Indeno(1,2,3-cd)pyrene	40	33	ug/L	83				0	0	
	Dibenzo(a,h)anthracene	40	33	ug/L	83				0	0	
	Benzo(g,h,i)perylene	40	35	ug/L	88				0	0	
	2,3,4,6-Tetrachlorophenol	40	31	ug/L	78				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP111924

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB165073BS	1,4-Dioxane	16	12	ug/L	75				0	0	
	Benzaldehyde	40	23	ug/L	58				0	0	
	Pyridine	40	31	ug/L	78				0	0	
	Phenol	40	33	ug/L	83				0	0	
	Bis(2-chloroethyl)ether	40	32	ug/L	80				0	0	
	2-Chlorophenol	40	33	ug/L	83				0	0	
	2-Methylphenol	40	31	ug/L	78				0	0	
	2,2-oxybis(1-Chloropropane)	40	32	ug/L	80				0	0	
	Acetophenone	40	31	ug/L	78				0	0	
	4-Methylphenol	40	31	ug/L	78				0	0	
	N-Nitroso-di-n-propylamine	40	32	ug/L	80				0	0	
	Hexachloroethane	40	32	ug/L	80				0	0	
	Nitrobenzene	40	35	ug/L	88				0	0	
	Isophorone	40	35	ug/L	88				0	0	
	2-Nitrophenol	40	35	ug/L	88				0	0	
	2,4-Dimethylphenol	40	28	ug/L	70				0	0	
	Bis(2-chloroethoxy)methane	40	35	ug/L	88				0	0	
	2,4-Dichlorophenol	40	34	ug/L	85				0	0	
	Naphthalene	40	33	ug/L	83				0	0	
	4-Chloroaniline	40	22	ug/L	55				0	0	
	Hexachlorobutadiene	40	34	ug/L	85				0	0	
	Caprolactam	40	33	ug/L	83				0	0	
	4-Chloro-3-methylphenol	40	34	ug/L	85				0	0	
	1-Methylnaphthalene	40	33	ug/L	83				0	0	
	2-Methylnaphthalene	40	34	ug/L	85				0	0	
	Hexachlorocyclopentadiene	40	26	ug/L	65				0	0	
	2,4,6-Trichlorophenol	40	33	ug/L	83				0	0	
	2,4,5-Trichlorophenol	40	34	ug/L	85				0	0	
	1,1'-Biphenyl	40	34	ug/L	85				0	0	
	2-Chloronaphthalene	40	34	ug/L	85				0	0	
	2-Nitroaniline	40	37	ug/L	93				0	0	
	Dimethylphthalate	40	34	ug/L	85				0	0	
	2,6-Dinitrotoluene	40	36	ug/L	90				0	0	
	Acenaphthylene	40	35	ug/L	88				0	0	
	3-Nitroaniline	40	33	ug/L	83				0	0	
	Acenaphthene	40	34	ug/L	85				0	0	
	2,4-Dinitrophenol	40	30	ug/L	75				0	0	
	4-Nitrophenol	40	40	ug/L	100				0	0	
	Dibenzofuran	40	34	ug/L	85				0	0	
	2,4-Dinitrotoluene	40	36	ug/L	90				0	0	
	Diethylphthalate	40	35	ug/L	88				0	0	
	Fluorene	40	34	ug/L	85				0	0	
	4-Chlorophenyl-phenylether	40	34	ug/L	85				0	0	
	4-Nitroaniline	40	40	ug/L	100				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP111924

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB165073BS	4,6-Dinitro-2-methylphenol	40	33	ug/L	83				0	0	
	N-Nitrosodiphenylamine	40	35	ug/L	88				0	0	
	1,2,4,5-Tetrachlorobenzene	40	34	ug/L	85				0	0	
	4-Bromophenyl-phenylether	40	35	ug/L	88				0	0	
	Hexachlorobenzene	40	35	ug/L	88				0	0	
	Atrazine	40	13	ug/L	33				0	0	
	Pentachlorophenol	40	28	ug/L	70				0	0	
	Phenanthrene	40	35	ug/L	88				0	0	
	Pentachlorobenzene	40	34	ug/L	85				0	0	
	Anthracene	40	34	ug/L	85				0	0	
	1,2,3,4-Tetrachlorobenzene	40	35	ug/L	88				0	0	
	Carbazole	40	35	ug/L	88				0	0	
	Di-n-butylphthalate	40	37	ug/L	93				0	0	
	Fluoranthene	40	36	ug/L	90				0	0	
	Pyrene	40	35	ug/L	88				0	0	
	Butylbenzylphthalate	40	39	ug/L	98				0	0	
	3,3'-Dichlorobenzidine	40	30	ug/L	75				0	0	
	Benzo(a)anthracene	40	36	ug/L	90				0	0	
	Chrysene	40	35	ug/L	88				0	0	
	Bis(2-ethylhexyl)phthalate	40	39	ug/L	98				0	0	
	Di-n-octylphthalate	40	38	ug/L	95				0	0	
	Benzo(b)fluoranthene	40	38	ug/L	95				0	0	
	Benzo(k)fluoranthene	40	37	ug/L	93				0	0	
	Benzo(a)pyrene	40	37	ug/L	93				0	0	
	Indeno(1,2,3-cd)pyrene	40	35	ug/L	88				0	0	
	Dibenzo(a,h)anthracene	40	35	ug/L	88				0	0	
	Benzo(g,h,i)perylene	40	35	ug/L	88				0	0	
	2,3,4,6-Tetrachlorophenol	40	31	ug/L	78				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP111924

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB165076BS	1,4-Dioxane	16	12	ug/L	75				0	0	
	Benzaldehyde	40	22	ug/L	55				0	0	
	Pyridine	40	31	ug/L	78				0	0	
	Phenol	40	32	ug/L	80				0	0	
	Bis(2-chloroethyl)ether	40	31	ug/L	78				0	0	
	2-Chlorophenol	40	32	ug/L	80				0	0	
	2-Methylphenol	40	30	ug/L	75				0	0	
	2,2-oxybis(1-Chloropropane)	40	32	ug/L	80				0	0	
	Acetophenone	40	30	ug/L	75				0	0	
	4-Methylphenol	40	30	ug/L	75				0	0	
	N-Nitroso-di-n-propylamine	40	31	ug/L	78				0	0	
	Hexachloroethane	40	31	ug/L	78				0	0	
	Nitrobenzene	40	33	ug/L	83				0	0	
	Isophorone	40	33	ug/L	83				0	0	
	2-Nitrophenol	40	34	ug/L	85				0	0	
	2,4-Dimethylphenol	40	27	ug/L	68				0	0	
	Bis(2-chloroethoxy)methane	40	34	ug/L	85				0	0	
	2,4-Dichlorophenol	40	33	ug/L	83				0	0	
	Naphthalene	40	32	ug/L	80				0	0	
	4-Chloroaniline	40	22	ug/L	55				0	0	
	Hexachlorobutadiene	40	31	ug/L	78				0	0	
	Caprolactam	40	33	ug/L	83				0	0	
	4-Chloro-3-methylphenol	40	33	ug/L	83				0	0	
	1-Methylnaphthalene	40	31	ug/L	78				0	0	
	2-Methylnaphthalene	40	32	ug/L	80				0	0	
	Hexachlorocyclopentadiene	40	25	ug/L	63				0	0	
	2,4,6-Trichlorophenol	40	32	ug/L	80				0	0	
	2,4,5-Trichlorophenol	40	33	ug/L	83				0	0	
	1,1'-Biphenyl	40	34	ug/L	85				0	0	
	2-Chloronaphthalene	40	34	ug/L	85				0	0	
	2-Nitroaniline	40	36	ug/L	90				0	0	
	Dimethylphthalate	40	34	ug/L	85				0	0	
	2,6-Dinitrotoluene	40	36	ug/L	90				0	0	
	Acenaphthylene	40	34	ug/L	85				0	0	
	3-Nitroaniline	40	33	ug/L	83				0	0	
	Acenaphthene	40	33	ug/L	83				0	0	
	2,4-Dinitrophenol	40	31	ug/L	78				0	0	
	4-Nitrophenol	40	28	ug/L	70				0	0	
	Dibenzofuran	40	33	ug/L	83				0	0	
	2,4-Dinitrotoluene	40	35	ug/L	88				0	0	
	Diethylphthalate	40	34	ug/L	85				0	0	
	Fluorene	40	33	ug/L	83				0	0	
	4-Chlorophenyl-phenylether	40	33	ug/L	83				0	0	
	4-Nitroaniline	40	39	ug/L	98				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP111924

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB165076BS	4,6-Dinitro-2-methylphenol	40	33	ug/L	83				0	0	
	N-Nitrosodiphenylamine	40	35	ug/L	88				0	0	
	1,2,4,5-Tetrachlorobenzene	40	33	ug/L	83				0	0	
	4-Bromophenyl-phenylether	40	34	ug/L	85				0	0	
	Hexachlorobenzene	40	34	ug/L	85				0	0	
	Atrazine	40	13	ug/L	33				0	0	
	Pentachlorophenol	40	28	ug/L	70				0	0	
	Phenanthrene	40	35	ug/L	88				0	0	
	Pentachlorobenzene	40	33	ug/L	83				0	0	
	Anthracene	40	34	ug/L	85				0	0	
	1,2,3,4-Tetrachlorobenzene	40	35	ug/L	88				0	0	
	Carbazole	40	35	ug/L	88				0	0	
	Di-n-butylphthalate	40	36	ug/L	90				0	0	
	Fluoranthene	40	37	ug/L	93				0	0	
	Pyrene	40	35	ug/L	88				0	0	
	Butylbenzylphthalate	40	38	ug/L	95				0	0	
	3,3'-Dichlorobenzidine	40	30	ug/L	75				0	0	
	Benzo(a)anthracene	40	35	ug/L	88				0	0	
	Chrysene	40	34	ug/L	85				0	0	
	Bis(2-ethylhexyl)phthalate	40	38	ug/L	95				0	0	
	Di-n-octylphthalate	40	37	ug/L	93				0	0	
	Benzo(b)fluoranthene	40	37	ug/L	93				0	0	
	Benzo(k)fluoranthene	40	35	ug/L	88				0	0	
	Benzo(a)pyrene	40	35	ug/L	88				0	0	
	Indeno(1,2,3-cd)pyrene	40	34	ug/L	85				0	0	
	Dibenzo(a,h)anthracene	40	34	ug/L	85				0	0	
	Benzo(g,h,i)perylene	40	35	ug/L	88				0	0	
	2,3,4,6-Tetrachlorophenol	40	30	ug/L	75				0	0	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC-BLANK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP111924 SAS No.: BP111924 SDG NO.: BP111924

Lab File ID: BP023222.D Lab Sample ID: P4886-05

Instrument ID: BNA_P Date Extracted: 11/18/2024

Matrix: (soil/water) Solid Date Analyzed: 11/19/2024

Level: (low/med) LOW Time Analyzed: 18:00

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SVOC-GPC-BLANK	P4886-05	BP023222.D	11/19/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC2-BLANK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP111924 SAS No.: BP111924 SDG NO.: BP111924

Lab File ID: BP023221.D Lab Sample ID: P4886-10

Instrument ID: BNA_P Date Extracted: 11/18/2024

Matrix: (soil/water) Solid Date Analyzed: 11/19/2024

Level: (low/med) LOW Time Analyzed: 17:19

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SVOC-GPC2-BLANK	P4886-10	BP023221.D	11/19/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK061

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP111924 SAS No.: BP111924 SDG NO.: BP111924

Lab File ID: BP023236.D Lab Sample ID: PB165061BL

Instrument ID: BNA_P Date Extracted: 11/18/2024

Matrix: (soil/water) Solid Date Analyzed: 11/20/2024

Level: (low/med) LOW Time Analyzed: 04:08

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BHK70	P4817-01	BP023240.D	11/20/2024
BHK71	P4817-02	BP023241.D	11/20/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK071

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP111924 SAS No.: BP111924 SDG NO.: BP111924

Lab File ID: BP023237.D Lab Sample ID: PB165071BL

Instrument ID: BNA_P Date Extracted: 11/18/2024

Matrix: (soil/water) Water Date Analyzed: 11/20/2024

Level: (low/med) LOW Time Analyzed: 04:49

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A0AT2	P4847-03	BP023229.D	11/19/2024
A0AT5	P4847-04	BP023230.D	11/19/2024
A0AT7	P4847-07	BP023231.D	11/20/2024
A0AT1	P4847-02	BP023216.D	11/19/2024
PB165071BS	PB165071BS	BP023234.D	11/20/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK073

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP111924 SAS No.: BP111924 SDG NO.: BP111924

Lab File ID: BP023213.D Lab Sample ID: PB165073BL

Instrument ID: BNA_P Date Extracted: 11/18/2024

Matrix: (soil/water) Water Date Analyzed: 11/19/2024

Level: (low/med) LOW Time Analyzed: 11:12

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E29Z3	P4875-02	BP023223.D	11/19/2024
E29Z5	P4875-03	BP023224.D	11/19/2024
E29Z7	P4875-04	BP023225.D	11/19/2024
E2A13	P4875-05	BP023226.D	11/19/2024
PB165073BS	PB165073BS	BP023232.D	11/20/2024
E29Z1	P4875-01	BP023239.D	11/20/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK076

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP111924 SAS No.: BP111924 SDG NO.: BP111924

Lab File ID: BP023214.D Lab Sample ID: PB165076BL

Instrument ID: BNA_P Date Extracted: 11/18/2024

Matrix: (soil/water) Water Date Analyzed: 11/19/2024

Level: (low/med) LOW Time Analyzed: 11:53

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E2A19	P4875-07	BP023215.D	11/19/2024
E29S9	P4875-11	BP023218.D	11/19/2024
E2A22	P4875-08	BP023227.D	11/19/2024
E2A23	P4875-09	BP023228.D	11/19/2024
PB165076BS	PB165076BS	BP023233.D	11/20/2024
E29Z9	P4875-12	BP023238.D	11/20/2024

COMMENTS:

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Surrogate Summary

SW-846

SDG No.: BP111924

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4886-05	SVOC-GPC-BLAN	BP023222.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	10	150
			2-Chlorophenol-d4	40	0.00	0	*	15	120
			4-Methylphenol-d8	40	0.00	0	*	10	140
			Nitrobenzene-d5	40	0.00	0	*	10	135
			2-Nitrophenol-d4	40	0.00	0	*	10	120
			2,4-Dichlorophenol-d3	40	0.00	0	*	10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	0.00	0	*	10	145
			Acenaphthylene-d8	40	0.00	0	*	15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	10	150
			Pyrene-d10	40	0.00	0	*	10	130
			Benzo(a)pyrene-d12	40	0.00	0	*	10	140

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Surrogate Summary

SW-846

SDG No.: BP111924

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4886-10	SVOC-GPC2-BLA	BP023221.D	Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	0.00	0	*	15	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	10	150
			2-Chlorophenol-d4	40	0.00	0	*	15	120
			4-Methylphenol-d8	40	0.00	0	*	10	140
			Nitrobenzene-d5	40	0.00	0	*	10	135
			2-Nitrophenol-d4	40	0.00	0	*	10	120
			2,4-Dichlorophenol-d3	40	0.00	0	*	10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	0.00	0	*	10	145
			Acenaphthylene-d8	40	0.00	0	*	15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	10	150
			Pyrene-d10	40	0.00	0	*	10	130
			Benzo(a)pyrene-d12	40	0.00	0	*	10	140

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Surrogate Summary

SW-846

SDG No.: BP111924

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4817-01	BHK70	BP023240.D	1,4-Dioxane-d8	8	1.43	18		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	14.47	36		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.84	42		10	150
			2-Chlorophenol-d4	40	16.01	40		15	120
			4-Methylphenol-d8	40	14.79	37		10	140
			Nitrobenzene-d5	40	17.71	44		10	135
			2-Nitrophenol-d4	40	16.34	41		10	120
			2,4-Dichlorophenol-d3	40	16.28	41		10	140
			4-Chloroaniline-d4	40	9.09	23		1	145
			Dimethylphthalate-d6	40	12.65	32		10	145
			Acenaphthylene-d8	40	19.97	50		15	120
			4-Nitrophenol-d4	40	9.63	24		10	150
			Fluorene-d10	40	21.04	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.36	13		10	130
			Anthracene-d10	40	22.28	56		10	150
			Pyrene-d10	40	23.11	58		10	130
			Benzo(a)pyrene-d12	40	22.18	55		10	140
P4817-02	BHK71	BP023241.D	1,4-Dioxane-d8	8	3.83	48		15	120
			Pyridine-d5	40	12.62	32		20	120
			Phenol-d5	40	20.94	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.63	57		10	150
			2-Chlorophenol-d4	40	21.13	53		15	120
			4-Methylphenol-d8	40	21.30	53		10	140
			Nitrobenzene-d5	40	24.45	61		10	135
			2-Nitrophenol-d4	40	24.12	60		10	120
			2,4-Dichlorophenol-d3	40	21.90	55		10	140
			4-Chloroaniline-d4	40	21.48	54		1	145
			Dimethylphthalate-d6	40	27.81	70		10	145
			Acenaphthylene-d8	40	26.99	67		15	120
			4-Nitrophenol-d4	40	22.84	57		10	150
			Fluorene-d10	40	27.94	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.73	47		10	130
			Anthracene-d10	40	29.82	75		10	150
			Pyrene-d10	40	29.72	74		10	130
			Benzo(a)pyrene-d12	40	30.79	77		10	140
PB165061BL	PB165061BL	BP023236.D	1,4-Dioxane-d8	8	7.08	89		15	120
			Pyridine-d5	40	28.24	71		20	120
			Phenol-d5	40	29.18	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.73	77		10	150
			2-Chlorophenol-d4	40	30.67	77		15	120
			4-Methylphenol-d8	40	28.57	71		10	140
			Nitrobenzene-d5	40	32.96	82		10	135
			2-Nitrophenol-d4	40	32.43	81		10	120
			2,4-Dichlorophenol-d3	40	29.76	74		10	140
			4-Chloroaniline-d4	40	27.90	70		1	145
			Dimethylphthalate-d6	40	34.11	85		10	145
			Acenaphthylene-d8	40	33.81	85		15	120
			4-Nitrophenol-d4	40	29.86	75		10	150

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Surrogate Summary

SW-846

SDG No.: BP111924

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB165061BL	PB165061BL	BP023236.D	Fluorene-d10	40	33.80	84		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.24	66		10	130
			Anthracene-d10	40	34.74	87		10	150
			Pyrene-d10	40	35.50	89		10	130
			Benzo(a)pyrene-d12	40	34.62	87		10	140

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Surrogate Summary

SW-846

SDG No.: BP111924

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4847-02	A0AT1	BP023216.D	1,4-Dioxane-d8	8	6.81	85		15	120
			Pyridine-d5	40	29.35	73		20	120
			Phenol-d5	40	35.42	89		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.65	92		25	120
			2-Chlorophenol-d4	40	36.05	90		20	130
			4-Methylphenol-d8	40	34.09	85		25	125
			Nitrobenzene-d5	40	39.53	99		20	125
			2-Nitrophenol-d4	40	38.68	97		20	130
			2,4-Dichlorophenol-d3	40	37.13	93		20	120
			4-Chloroaniline-d4	40	33.25	83		1	146
			Dimethylphthalate-d6	40	42.27	106		25	130
			Acenaphthylene-d8	40	39.31	98		10	130
			4-Nitrophenol-d4	40	32.92	82		10	150
			Fluorene-d10	40	41.99	105		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.15	90		10	130
			Anthracene-d10	40	46.14	115		25	130
			Pyrene-d10	40	46.59	116		15	130
			Benzo(a)pyrene-d12	40	48.69	122		20	130
P4847-02DL	A0AT1DL	BP023217.D	1,4-Dioxane-d8	8	7.38	92		15	120
			Pyridine-d5	40	20.22	51		20	120
			Phenol-d5	40	32.29	81		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.48	89		25	120
			2-Chlorophenol-d4	40	33.17	83		20	130
			4-Methylphenol-d8	40	27.36	68		25	125
			Nitrobenzene-d5	40	36.18	90		20	125
			2-Nitrophenol-d4	40	31.73	79		20	130
			2,4-Dichlorophenol-d3	40	32.97	82		20	120
			4-Chloroaniline-d4	40	28.28	71		1	146
			Dimethylphthalate-d6	40	43.44	109		25	130
			Acenaphthylene-d8	40	39.23	98		10	130
			4-Nitrophenol-d4	40	32.94	82		10	150
			Fluorene-d10	40	42.99	107		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.83	65		10	130
			Anthracene-d10	40	43.56	109		25	130
			Pyrene-d10	40	46.11	115		15	130
			Benzo(a)pyrene-d12	40	45.66	114		20	130
P4847-03	A0AT2	BP023229.D	1,4-Dioxane-d8	8	5.49	69		15	120
			Pyridine-d5	40	9.20	23		20	120
			Phenol-d5	40	9.99	25		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.03	70		25	120
			2-Chlorophenol-d4	40	25.75	64		20	130
			4-Methylphenol-d8	40	20.86	52		25	125
			Nitrobenzene-d5	40	29.64	74		20	125
			2-Nitrophenol-d4	40	28.46	71		20	130
			2,4-Dichlorophenol-d3	40	28.23	71		20	120
			4-Chloroaniline-d4	40	21.04	53		1	146
			Dimethylphthalate-d6	40	34.07	85		25	130
			Acenaphthylene-d8	40	31.68	79		10	130
			4-Nitrophenol-d4	40	10.18	25		10	150

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Surrogate Summary

SW-846

SDG No.: BP111924

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4847-03	A0AT2	BP023229.D	Fluorene-d10	40	32.97	82		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.23	76		10	130
			Anthracene-d10	40	36.57	91		25	130
			Pyrene-d10	40	34.90	87		15	130
			Benzo(a)pyrene-d12	40	37.28	93		20	130
P4847-04	A0AT5	BP023230.D	1,4-Dioxane-d8	8	5.32	67		15	120
			Pyridine-d5	40	7.21	18	*	20	120
			Phenol-d5	40	13.01	33		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.40	78		25	120
			2-Chlorophenol-d4	40	28.90	72		20	130
			4-Methylphenol-d8	40	25.74	64		25	125
			Nitrobenzene-d5	40	30.98	77		20	125
			2-Nitrophenol-d4	40	31.73	79		20	130
			2,4-Dichlorophenol-d3	40	30.99	77		20	120
			4-Chloroaniline-d4	40	17.40	43		1	146
			Dimethylphthalate-d6	40	34.88	87		25	130
			Acenaphthylene-d8	40	32.66	82		10	130
			4-Nitrophenol-d4	40	11.15	28		10	150
			Fluorene-d10	40	34.17	85		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.17	73		10	130
			Anthracene-d10	40	36.23	91		25	130
			Pyrene-d10	40	37.57	94		15	130
			Benzo(a)pyrene-d12	40	36.75	92		20	130
P4847-07	A0AT7	BP023231.D	1,4-Dioxane-d8	8	5.62	70		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	13.08	33		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.36	86		25	120
			2-Chlorophenol-d4	40	33.33	83		20	130
			4-Methylphenol-d8	40	25.76	64		25	125
			Nitrobenzene-d5	40	36.18	90		20	125
			2-Nitrophenol-d4	40	35.86	90		20	130
			2,4-Dichlorophenol-d3	40	34.39	86		20	120
			4-Chloroaniline-d4	40	4.28	11		1	146
			Dimethylphthalate-d6	40	40.75	102		25	130
			Acenaphthylene-d8	40	37.50	94		10	130
			4-Nitrophenol-d4	40	14.13	35		10	150
			Fluorene-d10	40	38.56	96		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.02	85		10	130
			Anthracene-d10	40	42.52	106		25	130
			Pyrene-d10	40	42.26	106		15	130
			Benzo(a)pyrene-d12	40	44.86	112		20	130
PB165071BL	PB165071BL	BP023237.D	1,4-Dioxane-d8	8	6.69	84		15	120
			Pyridine-d5	40	27.09	68		20	120
		BP023220.D	1,4-Dioxane-d8	8	6.86	86		15	120
			Pyridine-d5	40	26.67	67		20	120
			Phenol-d5	40	27.87	70		10	130
		BP023237.D	Phenol-d5	40	27.64	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.89	75		25	120
		BP023220.D	Bis(2-Chloroethyl)ether-d8	40	30.21	76		25	120

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Surrogate Summary

SW-846

SDG No.: BP111924

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB165071BL	PB165071BL	BP023220.D	2-Chlorophenol-d4	40	29.45	74		20	130
		BP023237.D	2-Chlorophenol-d4	40	29.73	74		20	130
			4-Methylphenol-d8	40	26.57	66		25	125
		BP023220.D	4-Methylphenol-d8	40	27.02	68		25	125
			Nitrobenzene-d5	40	30.15	75		20	125
		BP023237.D	Nitrobenzene-d5	40	31.06	78		20	125
			2-Nitrophenol-d4	40	30.72	77		20	130
		BP023220.D	2-Nitrophenol-d4	40	30.02	75		20	130
			2,4-Dichlorophenol-d3	40	27.28	68		20	120
		BP023237.D	2,4-Dichlorophenol-d3	40	28.59	71		20	120
			4-Chloroaniline-d4	40	26.38	66		1	146
		BP023220.D	4-Chloroaniline-d4	40	25.55	64		1	146
			Dimethylphthalate-d6	40	32.72	82		25	130
		BP023237.D	Dimethylphthalate-d6	40	32.38	81		25	130
			Acenaphthylene-d8	40	31.98	80		10	130
		BP023220.D	Acenaphthylene-d8	40	31.36	78		10	130
			4-Nitrophenol-d4	40	25.44	64		10	150
		BP023237.D	4-Nitrophenol-d4	40	27.22	68		10	150
			Fluorene-d10	40	31.29	78		25	125
		BP023220.D	Fluorene-d10	40	31.63	79		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.03	63		10	130
		BP023237.D	4,6-Dinitro-2-methylphenol-d2	40	24.21	61		10	130
			Anthracene-d10	40	33.82	85		25	130
		BP023220.D	Anthracene-d10	40	32.84	82		25	130
			Pyrene-d10	40	33.55	84		15	130
		BP023237.D	Pyrene-d10	40	32.64	82		15	130
			Benzo(a)pyrene-d12	40	32.57	81		20	130
		BP023220.D	Benzo(a)pyrene-d12	40	33.72	84		20	130
PB165071BS	PB165071BS	BP023234.D	1,4-Dioxane-d8	8	7.33	92		15	120
			Pyridine-d5	40	31.87	80		20	120
			Phenol-d5	40	33.46	84		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.04	83		25	120
			2-Chlorophenol-d4	40	34.36	86		20	130
			4-Methylphenol-d8	40	31.84	80		25	125
			Nitrobenzene-d5	40	34.99	87		20	125
			2-Nitrophenol-d4	40	35.67	89		20	130
			2,4-Dichlorophenol-d3	40	35.30	88		20	120
			4-Chloroaniline-d4	40	28.47	71		1	146
			Dimethylphthalate-d6	40	35.71	89		25	130
			Acenaphthylene-d8	40	35.94	90		10	130
			4-Nitrophenol-d4	40	32.13	80		10	150
			Fluorene-d10	40	35.35	88		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.17	83		10	130
			Anthracene-d10	40	34.69	87		25	130
			Pyrene-d10	40	38.05	95		15	130
			Benzo(a)pyrene-d12	40	36.96	92		20	130

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Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: BP111924

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4875-01	E29Z1	BP023239.D	1,4-Dioxane-d8	8	4.60	57		15	120
			Pyridine-d5	40	9.06	23		20	120
			Phenol-d5	40	6.14	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.56	56		25	120
			2-Chlorophenol-d4	40	19.93	50		20	130
			4-Methylphenol-d8	40	15.16	38		25	125
			Nitrobenzene-d5	40	22.88	57		20	125
			2-Nitrophenol-d4	40	22.14	55		20	130
			2,4-Dichlorophenol-d3	40	21.82	55		20	120
			4-Chloroaniline-d4	40	23.16	58		1	146
			Dimethylphthalate-d6	40	27.07	68		25	130
			Acenaphthylene-d8	40	24.21	61		10	130
			4-Nitrophenol-d4	40	6.33	16		10	150
			Fluorene-d10	40	25.92	65		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.36	56		10	130
			Anthracene-d10	40	29.10	73		25	130
			Pyrene-d10	40	30.12	75		15	130
			Benzo(a)pyrene-d12	40	31.04	78		20	130
P4875-02	E29Z3	BP023223.D	1,4-Dioxane-d8	8	4.88	61		15	120
			Pyridine-d5	40	4.46	11	*	20	120
			Phenol-d5	40	8.30	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.58	66		25	120
			2-Chlorophenol-d4	40	22.64	57		20	130
			4-Methylphenol-d8	40	18.69	47		25	125
			Nitrobenzene-d5	40	27.58	69		20	125
			2-Nitrophenol-d4	40	28.15	70		20	130
			2,4-Dichlorophenol-d3	40	25.92	65		20	120
			4-Chloroaniline-d4	40	19.58	49		1	146
			Dimethylphthalate-d6	40	31.94	80		25	130
			Acenaphthylene-d8	40	28.86	72		10	130
			4-Nitrophenol-d4	40	7.25	18		10	150
			Fluorene-d10	40	31.91	80		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.06	73		10	130
			Anthracene-d10	40	35.30	88		25	130
			Pyrene-d10	40	34.54	86		15	130
			Benzo(a)pyrene-d12	40	36.99	92		20	130
P4875-03	E29Z5	BP023224.D	1,4-Dioxane-d8	8	4.87	61		15	120
			Pyridine-d5	40	2.74	7	*	20	120
			Phenol-d5	40	7.33	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.03	63		25	120
			2-Chlorophenol-d4	40	22.45	56		20	130
			4-Methylphenol-d8	40	16.98	42		25	125
			Nitrobenzene-d5	40	25.30	63		20	125
			2-Nitrophenol-d4	40	24.64	62		20	130
			2,4-Dichlorophenol-d3	40	24.34	61		20	120
			4-Chloroaniline-d4	40	15.30	38		1	146
			Dimethylphthalate-d6	40	29.69	74		25	130
			Acenaphthylene-d8	40	25.78	64		10	130
			4-Nitrophenol-d4	40	7.20	18		10	150

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Surrogate Summary

SW-846

SDG No.: BP111924

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4875-03	E29Z5	BP023224.D	Fluorene-d10	40	27.83	70		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.59	64		10	130
			Anthracene-d10	40	32.99	82		25	130
			Pyrene-d10	40	32.68	82		15	130
			Benzo(a)pyrene-d12	40	33.37	83		20	130
P4875-04	E29Z7	BP023225.D	1,4-Dioxane-d8	8	5.32	66		15	120
			Pyridine-d5	40	6.27	16	*	20	120
			Phenol-d5	40	12.43	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.57	66		25	120
			2-Chlorophenol-d4	40	25.33	63		20	130
			4-Methylphenol-d8	40	20.57	51		25	125
			Nitrobenzene-d5	40	27.68	69		20	125
			2-Nitrophenol-d4	40	27.26	68		20	130
			2,4-Dichlorophenol-d3	40	25.28	63		20	120
			4-Chloroaniline-d4	40	21.66	54		1	146
			Dimethylphthalate-d6	40	31.50	79		25	130
			Acenaphthylene-d8	40	28.66	72		10	130
			4-Nitrophenol-d4	40	9.74	24		10	150
			Fluorene-d10	40	30.62	77		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.30	68		10	130
			Anthracene-d10	40	35.66	89		25	130
			Pyrene-d10	40	36.35	91		15	130
			Benzo(a)pyrene-d12	40	37.76	94		20	130
P4875-05	E2A13	BP023226.D	1,4-Dioxane-d8	8	5.58	70		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	13.10	33		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.24	73		25	120
			2-Chlorophenol-d4	40	29.37	73		20	130
			4-Methylphenol-d8	40	23.73	59		25	125
			Nitrobenzene-d5	40	30.14	75		20	125
			2-Nitrophenol-d4	40	30.58	76		20	130
			2,4-Dichlorophenol-d3	40	29.09	73		20	120
			4-Chloroaniline-d4	40	11.46	29		1	146
			Dimethylphthalate-d6	40	33.89	85		25	130
			Acenaphthylene-d8	40	30.68	77		10	130
			4-Nitrophenol-d4	40	14.40	36		10	150
			Fluorene-d10	40	33.02	83		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.59	74		10	130
			Anthracene-d10	40	35.96	90		25	130
			Pyrene-d10	40	36.26	91		15	130
			Benzo(a)pyrene-d12	40	36.79	92		20	130
PB165073BL	PB165073BL	BP023213.D	1,4-Dioxane-d8	8	7.47	93		15	120
			Pyridine-d5	40	32.00	80		20	120
			Phenol-d5	40	32.94	82		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.10	90		25	120
			2-Chlorophenol-d4	40	35.09	88		20	130
			4-Methylphenol-d8	40	32.07	80		25	125
			Nitrobenzene-d5	40	38.29	96		20	125
			2-Nitrophenol-d4	40	37.75	94		20	130

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Surrogate Summary

SW-846

SDG No.: BP111924

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB165073BL	PB165073BL	BP023213.D	2,4-Dichlorophenol-d3	40	33.81	85		20	120
			4-Chloroaniline-d4	40	33.43	84		1	146
			Dimethylphthalate-d6	40	39.87	100		25	130
			Acenaphthylene-d8	40	37.60	94		10	130
			4-Nitrophenol-d4	40	34.34	86		10	150
			Fluorene-d10	40	37.77	94		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.90	75		10	130
			Anthracene-d10	40	41.31	103		25	130
			Pyrene-d10	40	40.65	102		15	130
			Benzo(a)pyrene-d12	40	40.69	102		20	130
PB165073BS	PB165073BS	BP023232.D	1,4-Dioxane-d8	8	7.06	88		15	120
			Pyridine-d5	40	31.80	79		20	120
			Phenol-d5	40	33.79	84		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.98	85		25	120
			2-Chlorophenol-d4	40	34.39	86		20	130
			4-Methylphenol-d8	40	32.03	80		25	125
			Nitrobenzene-d5	40	36.12	90		20	125
			2-Nitrophenol-d4	40	36.57	91		20	130
			2,4-Dichlorophenol-d3	40	35.79	89		20	120
			4-Chloroaniline-d4	40	28.17	70		1	146
			Dimethylphthalate-d6	40	35.40	89		25	130
			Acenaphthylene-d8	40	36.10	90		10	130
			4-Nitrophenol-d4	40	32.14	80		10	150
			Fluorene-d10	40	36.15	90		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.80	87		10	130
			Anthracene-d10	40	35.03	88		25	130
			Pyrene-d10	40	36.73	92		15	130
			Benzo(a)pyrene-d12	40	38.11	95		20	130

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Surrogate Summary

SW-846

SDG No.: BP111924

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4875-07	E2A19	BP023215.D	1,4-Dioxane-d8	8	6.04	76		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	12.05	30		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.22	88		25	120
			2-Chlorophenol-d4	40	32.90	82		20	130
			4-Methylphenol-d8	40	24.85	62		25	125
			Nitrobenzene-d5	40	37.77	94		20	125
			2-Nitrophenol-d4	40	37.38	93		20	130
			2,4-Dichlorophenol-d3	40	34.55	86		20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	42.75	107		25	130
			Acenaphthylene-d8	40	37.74	94		10	130
			4-Nitrophenol-d4	40	12.83	32		10	150
			Fluorene-d10	40	41.40	103		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.72	84		10	130
			Anthracene-d10	40	42.05	105		25	130
			Pyrene-d10	40	43.18	108		15	130
			Benzo(a)pyrene-d12	40	43.33	108		20	130
P4875-08	E2A22	BP023227.D	1,4-Dioxane-d8	8	5.43	68		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	11.46	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.21	78		25	120
			2-Chlorophenol-d4	40	30.91	77		20	130
			4-Methylphenol-d8	40	22.62	57		25	125
			Nitrobenzene-d5	40	32.41	81		20	125
			2-Nitrophenol-d4	40	32.88	82		20	130
			2,4-Dichlorophenol-d3	40	30.52	76		20	120
			4-Chloroaniline-d4	40	6.18	15		1	146
			Dimethylphthalate-d6	40	37.49	94		25	130
			Acenaphthylene-d8	40	34.29	86		10	130
			4-Nitrophenol-d4	40	12.40	31		10	150
			Fluorene-d10	40	35.87	90		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.24	66		10	130
			Anthracene-d10	40	38.01	95		25	130
			Pyrene-d10	40	37.50	94		15	130
			Benzo(a)pyrene-d12	40	38.93	97		20	130
P4875-09	E2A23	BP023228.D	1,4-Dioxane-d8	8	5.40	68		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	12.76	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.52	89		25	120
			2-Chlorophenol-d4	40	33.63	84		20	130
			4-Methylphenol-d8	40	25.07	63		25	125
			Nitrobenzene-d5	40	36.54	91		20	125
			2-Nitrophenol-d4	40	37.27	93		20	130
			2,4-Dichlorophenol-d3	40	33.59	84		20	120
			4-Chloroaniline-d4	40	5.11	13		1	146
			Dimethylphthalate-d6	40	41.53	104		25	130
			Acenaphthylene-d8	40	38.55	96		10	130
			4-Nitrophenol-d4	40	13.36	33		10	150

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Surrogate Summary

SW-846

SDG No.: BP111924

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4875-09	E2A23	BP023228.D	Fluorene-d10	40	41.24	103		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.21	83		10	130
			Anthracene-d10	40	44.36	111		25	130
			Pyrene-d10	40	43.53	109		15	130
			Benzo(a)pyrene-d12	40	45.00	112		20	130
P4875-11	E29S9	BP023218.D	Pyridine-d5	40	7.79	19	*	20	120
			1,4-Dioxane-d8	8	5.20	65		15	120
			Phenol-d5	40	7.44	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.80	74		25	120
			2-Chlorophenol-d4	40	26.58	66		20	130
			4-Methylphenol-d8	40	17.51	44		25	125
			Nitrobenzene-d5	40	30.40	76		20	125
			2-Nitrophenol-d4	40	30.30	76		20	130
			2,4-Dichlorophenol-d3	40	31.52	79		20	120
			4-Chloroaniline-d4	40	22.75	57		1	146
			Dimethylphthalate-d6	40	36.49	91		25	130
			Acenaphthylene-d8	40	33.65	84		10	130
			4-Nitrophenol-d4	40	7.13	18		10	150
			Fluorene-d10	40	35.40	89		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.80	77		10	130
			Anthracene-d10	40	39.13	98		25	130
			Pyrene-d10	40	40.59	101		15	130
			Benzo(a)pyrene-d12	40	40.47	101		20	130
P4875-12	E29Z9	BP023238.D	1,4-Dioxane-d8	8	4.98	62		15	120
			Pyridine-d5	40	6.54	16	*	20	120
			Phenol-d5	40	5.91	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.97	70		25	120
			2-Chlorophenol-d4	40	22.65	57		20	130
			4-Methylphenol-d8	40	15.19	38		25	125
			Nitrobenzene-d5	40	28.68	72		20	125
			2-Nitrophenol-d4	40	28.45	71		20	130
			2,4-Dichlorophenol-d3	40	26.69	67		20	120
			4-Chloroaniline-d4	40	24.24	61		1	146
			Dimethylphthalate-d6	40	33.55	84		25	130
			Acenaphthylene-d8	40	30.34	76		10	130
			4-Nitrophenol-d4	40	6.89	17		10	150
			Fluorene-d10	40	32.86	82		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.43	76		10	130
			Anthracene-d10	40	35.74	89		25	130
			Pyrene-d10	40	37.14	93		15	130
			Benzo(a)pyrene-d12	40	39.23	98		20	130
PB165076BL	PB165076BL	BP023214.D	Pyridine-d5	40	28.95	72		20	120
			1,4-Dioxane-d8	8	7.21	90		15	120
			Phenol-d5	40	29.68	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.42	81		25	120
			2-Chlorophenol-d4	40	31.66	79		20	130
			4-Methylphenol-d8	40	28.89	72		25	125
			Nitrobenzene-d5	40	34.19	85		20	125
			2-Nitrophenol-d4	40	33.78	84		20	130

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Surrogate Summary

SW-846

SDG No.: BP111924

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB165076BL	PB165076BL	BP023214.D	2,4-Dichlorophenol-d3	40	29.53	74		20	120
			4-Chloroaniline-d4	40	28.84	72		1	146
			Dimethylphthalate-d6	40	36.00	90		25	130
			Acenaphthylene-d8	40	34.09	85		10	130
			4-Nitrophenol-d4	40	28.95	72		10	150
			Fluorene-d10	40	35.04	88		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.94	70		10	130
			Anthracene-d10	40	36.16	90		25	130
			Pyrene-d10	40	36.89	92		15	130
			Benzo(a)pyrene-d12	40	35.97	90		20	130
PB165076BS	PB165076BS	BP023233.D	1,4-Dioxane-d8	8	6.87	86		15	120
			Pyridine-d5	40	31.37	78		20	120
			Phenol-d5	40	32.94	82		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.83	82		25	120
			2-Chlorophenol-d4	40	33.73	84		20	130
			4-Methylphenol-d8	40	31.02	78		25	125
			Nitrobenzene-d5	40	34.41	86		20	125
			2-Nitrophenol-d4	40	35.46	89		20	130
			2,4-Dichlorophenol-d3	40	35.09	88		20	120
			4-Chloroaniline-d4	40	27.64	69		1	146
			Dimethylphthalate-d6	40	34.21	86		25	130
			Acenaphthylene-d8	40	34.43	86		10	130
			4-Nitrophenol-d4	40	30.78	77		10	150
			Fluorene-d10	40	34.46	86		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.61	87		10	130
			Anthracene-d10	40	35.00	87		25	130
			Pyrene-d10	40	36.56	91		15	130
			Benzo(a)pyrene-d12	40	37.07	93		20	130

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Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BP111924

Lab Code: CHEM SAS No.: BP111924 SDG NO.: BP111924

Lab File ID: BP023211.D DFTPP Injection Date: 11/19/2024

Instrument ID: BNA_P DFTPP Injection Time: 09:46

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	26.2
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	31.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	36.9
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	34.2
365	Greater than 1% of mass 198	4.6
441	Present, but less than mass 443	13.4
442	Greater than 50% of mass 198	86.7
443	15.0 - 24.0% of mass 442	17 (19.7) 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
SSTD020729	SSTDCCC020	BP023212.D	11/19/2024	10:28
SBLK073	PB165073BL	BP023213.D	11/19/2024	11:12
SBLK076	PB165076BL	BP023214.D	11/19/2024	11:53
E2A19	P4875-07	BP023215.D	11/19/2024	12:33
A0AT1	P4847-02	BP023216.D	11/19/2024	13:14
A0AT1DL	P4847-02DL	BP023217.D	11/19/2024	14:37
E29S9	P4875-11	BP023218.D	11/19/2024	15:17
SSTD020730	SSTDCCC020	BP023219.D	11/19/2024	15:58
SBLK071	PB165071BL	BP023220.D	11/19/2024	16:39
SVOC-GPC2-BLANK	P4886-10	BP023221.D	11/19/2024	17:19
SVOC-GPC-BLANK	P4886-05	BP023222.D	11/19/2024	18:00
E29Z3	P4875-02	BP023223.D	11/19/2024	18:40
E29Z5	P4875-03	BP023224.D	11/19/2024	19:21
E29Z7	P4875-04	BP023225.D	11/19/2024	20:02
E2A13	P4875-05	BP023226.D	11/19/2024	20:42
E2A22	P4875-08	BP023227.D	11/19/2024	21:23
E2A23	P4875-09	BP023228.D	11/19/2024	22:04
A0AT2	P4847-03	BP023229.D	11/19/2024	22:44

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Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BP111924

Lab Code: CHEM SAS No.: BP111924 SDG NO.: BP111924

Lab File ID: BP023211.D DFTPP Injection Date: 11/19/2024

Instrument ID: BNA_P DFTPP Injection Time: 09:46

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	26.2
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	31.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	36.9
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	34.2
365	Greater than 1% of mass 198	4.6
441	Present, but less than mass 443	13.4
442	Greater than 50% of mass 198	86.7
443	15.0 - 24.0% of mass 442	17 (19.7) 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
A0AT5	P4847-04	BP023230.D	11/19/2024	23:25
A0AT7	P4847-07	BP023231.D	11/20/2024	00:05
SLCS073	PB165073BS	BP023232.D	11/20/2024	00:46
SLCS076	PB165076BS	BP023233.D	11/20/2024	01:26
SLCS071	PB165071BS	BP023234.D	11/20/2024	02:07
SSTD020731	SSTDCCC020	BP023235.D	11/20/2024	03:28
SBLK061	PB165061BL	BP023236.D	11/20/2024	04:08
SBLK071	PB165071BL	BP023237.D	11/20/2024	04:49
E29Z9	P4875-12	BP023238.D	11/20/2024	05:29
E29Z1	P4875-01	BP023239.D	11/20/2024	06:10
BHK70	P4817-01	BP023240.D	11/20/2024	06:50
BHK71	P4817-02	BP023241.D	11/20/2024	07:31