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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN100424 SAS No.: BN100424 SDG No.: BN100424

Instrument ID: BNA_N Calibration Date/Time: 10/4/2024 12 14:37

Lab File ID: BN034390.D Init. Calib. Date(s):

EPA Sample No.: SSTD020332 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.517	0.517	0.010	0.0897	40.0
Benzaldehyde	0.937	0.723	0.010	-22.7989	40.0
Pyridine	1.491	1.319	0.010	-11.553	40.0
Phenol	1.848	1.557	0.080	-15.766	20.0
Bis(2-Chloroethyl)ether	1.436	1.299	0.100	-9.5598	20.0
2-Chlorophenol	1.432	1.385	0.200	-3.2892	20.0
2-Methylphenol	1.381	1.201	0.010	-13.0863	20.0
2,2-oxybis(1-Chloropropane)	2.118	1.683	0.010	-20.5243	40.0
Acetophenone	2.314	1.882	0.060	-18.6698	20.0
4-Methylphenol	1.537	1.294	0.010	-15.8067	20.0
N-Nitroso-di-n-propylamine	1.146	0.895	0.050	-21.8748	30.0
Hexachloroethane	0.604	0.579	0.100	-4.201	20.0
Nitrobenzene	0.399	0.355	0.050	-11.0412	25.0
Isophorone	0.736	0.634	0.050	-13.8019	25.0
2-Nitrophenol	0.183	0.187	0.050	1.8585	25.0
2,4-Dimethylphenol	0.377	0.331	0.050	-12.2053	25.0
Bis(2-Chloroethoxy)methane	0.453	0.414	0.050	-8.4431	20.0
2,4-Dichlorophenol	0.313	0.310	0.060	-0.7186	20.0
Naphthalene	1.094	1.054	0.200	-3.6627	20.0
4-Chloroaniline	0.461	0.400	0.010	-13.0995	40.0
Hexachlorobutadiene	0.201	0.211	0.040	5.0927	30.0
Caprolactam	0.124	0.104	0.010	-16.3983	40.0
4-Chloro-3-methylphenol	0.368	0.307	0.040	-16.5901	25.0
1-Methylnaphthalene	0.763	0.712	0.100	-6.6765	20.0
2-Methylnaphthalene	0.754	0.705	0.100	-6.3864	20.0
Hexachlorocyclopentadiene	0.355	0.302	0.010	-15.0248	40.0
2,4,6-Trichlorophenol	0.383	0.404	0.090	5.516	25.0
2,4,5-Trichlorophenol	0.420	0.424	0.100	0.7382	25.0
1,1-Biphenyl	1.508	1.480	0.200	-1.8192	20.0
2-Chloronaphthalene	1.175	1.172	0.300	-0.2653	20.0
2-Nitroaniline	0.380	0.299	0.050	-21.2357	40.0
Dimethylphthalate	1.523	1.398	0.300	-8.2066	20.0
2,6-Dinitrotoluene	0.300	0.283	0.080	-5.8043	30.0
Acenaphthylene	1.840	1.816	0.400	-1.3256	20.0
3-Nitroaniline	0.331	0.276	0.010	-16.6999	40.0
Acenaphthene	1.314	1.231	0.200	-6.2538	20.0
2,4-Dinitrophenol	0.176	0.114	0.010	-35.1345	40.0
4-Nitrophenol	0.261	0.215	0.010	-17.5813	40.0
Dibenzofuran	1.796	1.693	0.300	-5.742	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN100424 SAS No.: BN100424 SDG No.: BN100424

Instrument ID: BNA_N Calibration Date/Time: 10/4/2024 12 14:37

Lab File ID: BN034390.D Init. Calib. Date(s):

EPA Sample No.: SSTD020332 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.452	0.399	0.070	-11.7146	30.0
Diethylphthalate	1.592	1.356	0.300	-14.8104	20.0
Fluorene	1.469	1.354	0.200	-7.8708	20.0
4-Chlorophenyl-phenylether	0.712	0.665	0.100	-6.6796	20.0
4-Nitroaniline	0.341	0.262	0.010	-23.2659	40.0
4,6-Dinitro-2-methylphenol	0.132	0.095	0.010	-28.3544	40.0
N-Nitrosodiphenylamine	0.599	0.592	0.050	-1.1558	20.0
1,2,4,5-Tetrachlorobenzene	0.577	0.620	0.100	7.4213	20.0
4-Bromophenyl-phenylether	0.203	0.217	0.070	7.0338	20.0
Hexachlorobenzene	0.236	0.252	0.050	6.9863	25.0
Atrazine	0.217	0.177	0.010	-18.305	25.0
Pentachlorophenol	0.157	0.154	0.010	-2.1596	40.0
Phenanthrene	1.103	1.062	0.200	-3.7208	20.0
Pentachlorobenzene	0.283	0.309	0.050	8.9524	20.0
Anthracene	1.126	1.064	0.200	-5.4721	20.0
1,2,3,4-Tetrachlorobenzene	0.278	0.326	0.050	17.0096	20.0
Carbazole	1.036	0.939	0.050	-9.4209	40.0
Di-n-butylphthalate	1.318	1.162	0.500	-11.808	25.0
Fluoranthene	1.303	1.378	0.400	5.7468	25.0
Pyrene	1.400	1.427	0.400	1.8837	25.0
Butylbenzylphthalate	0.628	0.565	0.100	-10.0911	40.0
3,3-Dichlorobenzidine	0.449	0.383	0.010	-14.6404	40.0
Benzo(a)anthracene	1.426	1.368	0.300	-4.0453	30.0
Chrysene	1.361	1.291	0.200	-5.1481	30.0
Bis(2-ethylhexyl)phthalate	0.919	0.842	0.200	-8.3774	40.0
Di-n-octyl phthalate	1.331	1.181	0.010	-11.2303	40.0
Benzo(b)fluoranthene	1.219	1.143	0.200	-6.2421	25.0
Benzo(k)fluoranthene	1.203	1.159	0.200	-3.6693	25.0
Benzo(a)pyrene	1.152	1.106	0.200	-4.015	20.0
Indeno(1,2,3-cd)pyrene	1.427	1.438	0.200	0.7717	25.0
Dibenzo(a,h)anthracene	1.154	1.195	0.200	3.567	30.0
Benzo(g,h,i)perylene	1.108	1.189	0.200	7.344	30.0
2,3,4,6-Tetrachlorophenol	0.349	0.353	0.040	1.0669	20.0
1,4-Dioxane-d8	0.490	0.498	0.010	1.5895	25.0
Pyridine-d5	1.457	1.283	0.010	-11.9046	40.0
Phenol-d5	1.775	1.548	0.010	-12.7992	25.0
Bis-(2-Chloroethyl)ether-d8	1.101	0.922	0.050	-16.2727	25.0
2-Chlorophenol-d4	1.397	1.388	0.200	-0.6228	20.0
4-Methylphenol-d8	1.461	1.244	0.010	-14.8582	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN100424 SAS No.: BN100424 SDG No.: BN100424

Instrument ID: BNA_N Calibration Date/Time: 10/4/2024 12 14:37

Lab File ID: BN034390.D Init. Calib. Date(s):

EPA Sample No.: SSTD020332 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.161	0.050	1.0449	20.0
2-Nitrophenol-d4	0.164	0.175	0.050	6.9319	30.0
2,4-Dichlorophenol-d3	0.309	0.316	0.060	2.4275	20.0
4-Chloroaniline-d4	0.467	0.418	0.010	-10.593	40.0
Dimethylphthalate-d6	1.495	1.389	0.300	-7.0447	20.0
Acenaphthylene-d8	1.681	1.626	0.400	-3.312	20.0
4-Nitrophenol-d4	0.307	0.235	0.010	-23.4775	40.0
Fluorene-d10	1.267	1.183	0.100	-6.5857	20.0
4,6-Dinitro-2-methylphenol-d2	0.119	0.087	0.010	-26.8646	40.0
Anthracene-d10	0.940	0.899	0.300	-4.3711	20.0
Pyrene-d10	1.114	1.129	0.300	1.2856	25.0
Benzo(a)pyrene-d12	1.027	0.984	0.010	-4.2407	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.: BN100424 SAS No.: BN100424 SDG No.: BN100424

Instrument ID: BNA_N Calibration Date/Time: 10/4/2024 12 21:58

Lab File ID: BN034400.D Init. Calib. Date(s):

EPA Sample No.: SSTD020333 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.517	0.540	0.010	4.5096	40.0
Benzaldehyde	0.937	0.709	0.010	-24.3453	40.0
Pyridine	1.491	1.294	0.010	-13.1812	40.0
Phenol	1.848	1.506	0.080	-18.5006	20.0
Bis(2-Chloroethyl)ether	1.436	1.263	0.100	-12.0993	20.0
2-Chlorophenol	1.432	1.355	0.200	-5.3781	20.0
2-Methylphenol	1.381	1.157	0.010	-16.2121	20.0
2,2-oxybis(1-Chloropropane)	2.118	1.648	0.010	-22.182	40.0
Acetophenone	2.314	1.782	0.060	-22.9799	20.0
4-Methylphenol	1.537	1.220	0.010	-20.6497	20.0
N-Nitroso-di-n-propylamine	1.146	0.837	0.050	-26.9487	30.0
Hexachloroethane	0.604	0.575	0.100	-4.8713	20.0
Nitrobenzene	0.399	0.356	0.050	-10.8052	25.0
Isophorone	0.736	0.609	0.050	-17.2459	25.0
2-Nitrophenol	0.183	0.180	0.050	-1.673	25.0
2,4-Dimethylphenol	0.377	0.327	0.050	-13.2324	25.0
Bis(2-Chloroethoxy)methane	0.453	0.409	0.050	-9.6276	20.0
2,4-Dichlorophenol	0.313	0.306	0.060	-2.0457	20.0
Naphthalene	1.094	1.051	0.200	-3.9686	20.0
4-Chloroaniline	0.461	0.385	0.010	-16.3477	40.0
Hexachlorobutadiene	0.201	0.211	0.040	5.097	30.0
Caprolactam	0.124	0.093	0.010	-25.3516	40.0
4-Chloro-3-methylphenol	0.368	0.288	0.040	-21.7413	25.0
1-Methylnaphthalene	0.763	0.690	0.100	-9.576	20.0
2-Methylnaphthalene	0.754	0.690	0.100	-8.3744	20.0
Hexachlorocyclopentadiene	0.355	0.345	0.010	-2.852	40.0
2,4,6-Trichlorophenol	0.383	0.386	0.090	0.8921	25.0
2,4,5-Trichlorophenol	0.420	0.411	0.100	-2.2215	25.0
1,1-Biphenyl	1.508	1.470	0.200	-2.4777	20.0
2-Chloronaphthalene	1.175	1.185	0.300	0.9116	20.0
2-Nitroaniline	0.380	0.279	0.050	-26.3674	40.0
Dimethylphthalate	1.523	1.337	0.300	-12.205	20.0
2,6-Dinitrotoluene	0.300	0.268	0.080	-10.5353	30.0
Acenaphthylene	1.840	1.783	0.400	-3.097	20.0
3-Nitroaniline	0.331	0.254	0.010	-23.252	40.0
Acenaphthene	1.314	1.206	0.200	-8.1691	20.0
2,4-Dinitrophenol	0.176	0.181	0.010	2.7756	40.0
4-Nitrophenol	0.261	0.211	0.010	-19.0511	40.0
Dibenzofuran	1.796	1.648	0.300	-8.2523	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN100424 SAS No.: BN100424 SDG No.: BN100424

Instrument ID: BNA_N Calibration Date/Time: 10/4/2024 12 21:58

Lab File ID: BN034400.D Init. Calib. Date(s):

EPA Sample No.: SSTD020333 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.452	0.381	0.070	-15.6855	30.0
Diethylphthalate	1.592	1.307	0.300	-17.8841	20.0
Fluorene	1.469	1.312	0.200	-10.7368	20.0
4-Chlorophenyl-phenylether	0.712	0.647	0.100	-9.2062	20.0
4-Nitroaniline	0.341	0.230	0.010	-32.7009	40.0
4,6-Dinitro-2-methylphenol	0.132	0.117	0.010	-11.7089	40.0
N-Nitrosodiphenylamine	0.599	0.590	0.050	-1.5821	20.0
1,2,4,5-Tetrachlorobenzene	0.577	0.635	0.100	9.9386	20.0
4-Bromophenyl-phenylether	0.203	0.210	0.070	3.4425	20.0
Hexachlorobenzene	0.236	0.257	0.050	9.0919	25.0
Atrazine	0.217	0.182	0.010	-16.1579	25.0
Pentachlorophenol	0.157	0.154	0.010	-1.72	40.0
Phenanthrene	1.103	1.066	0.200	-3.3394	20.0
Pentachlorobenzene	0.283	0.314	0.050	10.8814	20.0
Anthracene	1.126	1.065	0.200	-5.4012	20.0
1,2,3,4-Tetrachlorobenzene	0.278	0.334	0.050	19.8454	20.0
Carbazole	1.036	0.957	0.050	-7.6797	40.0
Di-n-butylphthalate	1.318	1.169	0.500	-11.2415	25.0
Fluoranthene	1.303	1.266	0.400	-2.8175	25.0
Pyrene	1.400	1.293	0.400	-7.6896	25.0
Butylbenzylphthalate	0.628	0.537	0.100	-14.5335	40.0
3,3-Dichlorobenzidine	0.449	0.393	0.010	-12.48	40.0
Benzo(a)anthracene	1.426	1.331	0.300	-6.6849	30.0
Chrysene	1.361	1.272	0.200	-6.5015	30.0
Bis(2-ethylhexyl)phthalate	0.919	0.837	0.200	-8.9986	40.0
Di-n-octyl phthalate	1.331	1.152	0.010	-13.4472	40.0
Benzo(b)fluoranthene	1.219	1.127	0.200	-7.5908	25.0
Benzo(k)fluoranthene	1.203	1.168	0.200	-2.917	25.0
Benzo(a)pyrene	1.152	1.102	0.200	-4.3046	20.0
Indeno(1,2,3-cd)pyrene	1.427	1.471	0.200	3.0582	25.0
Dibenzo(a,h)anthracene	1.154	1.236	0.200	7.1655	30.0
Benzo(g,h,i)perylene	1.108	1.204	0.200	8.6385	30.0
2,3,4,6-Tetrachlorophenol	0.349	0.336	0.040	-3.6968	20.0
1,4-Dioxane-d8	0.490	0.502	0.010	2.4359	25.0
Pyridine-d5	1.457	1.238	0.010	-15.0036	40.0
Phenol-d5	1.775	1.483	0.010	-16.4736	25.0
Bis-(2-Chloroethyl)ether-d8	1.101	0.917	0.050	-16.7406	25.0
2-Chlorophenol-d4	1.397	1.358	0.200	-2.8338	20.0
4-Methylphenol-d8	1.461	1.174	0.010	-19.5865	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN100424 SAS No.: BN100424 SDG No.: BN100424

Instrument ID: BNA_N Calibration Date/Time: 10/4/2024 12 21:58

Lab File ID: BN034400.D Init. Calib. Date(s):

EPA Sample No.: SSTD020333 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.162	0.050	1.8409	20.0
2-Nitrophenol-d4	0.164	0.169	0.050	2.9118	30.0
2,4-Dichlorophenol-d3	0.309	0.311	0.060	0.6025	20.0
4-Chloroaniline-d4	0.467	0.393	0.010	-15.8432	40.0
Dimethylphthalate-d6	1.495	1.335	0.300	-10.6564	20.0
Acenaphthylene-d8	1.681	1.595	0.400	-5.1695	20.0
4-Nitrophenol-d4	0.307	0.228	0.010	-25.6779	40.0
Fluorene-d10	1.267	1.138	0.100	-10.1983	20.0
4,6-Dinitro-2-methylphenol-d2	0.119	0.109	0.010	-8.7868	40.0
Anthracene-d10	0.940	0.902	0.300	-4.0946	20.0
Pyrene-d10	1.114	1.076	0.300	-3.4197	25.0
Benzo(a)pyrene-d12	1.027	0.954	0.010	-7.1823	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.: BN100424 SAS No.: BN100424 SDG No.: BN100424

Instrument ID: BNA_N Calibration Date/Time: 10/5/2024 12 07:47

Lab File ID: BN034414.D Init. Calib. Date(s):

EPA Sample No.: SSTD020334 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.517	0.483	0.010	-6.5489	40.0
Benzaldehyde	0.937	0.723	0.010	-22.8718	40.0
Pyridine	1.491	1.246	0.010	-16.4276	40.0
Phenol	1.848	1.505	0.080	-18.5441	20.0
Bis(2-Chloroethyl)ether	1.436	1.286	0.100	-10.4546	20.0
2-Chlorophenol	1.432	1.333	0.200	-6.9154	20.0
2-Methylphenol	1.381	1.175	0.010	-14.925	20.0
2,2-oxybis(1-Chloropropane)	2.118	1.678	0.010	-20.7869	40.0
Acetophenone	2.314	1.861	0.060	-19.5564	20.0
4-Methylphenol	1.537	1.261	0.010	-17.9578	20.0
N-Nitroso-di-n-propylamine	1.146	0.904	0.050	-21.1121	30.0
Hexachloroethane	0.604	0.569	0.100	-5.8143	20.0
Nitrobenzene	0.399	0.345	0.050	-13.5829	25.0
Isophorone	0.736	0.648	0.050	-11.9771	25.0
2-Nitrophenol	0.183	0.188	0.050	2.6628	25.0
2,4-Dimethylphenol	0.377	0.335	0.050	-11.2363	25.0
Bis(2-Chloroethoxy)methane	0.453	0.422	0.050	-6.8419	20.0
2,4-Dichlorophenol	0.313	0.311	0.060	-0.4087	20.0
Naphthalene	1.094	1.034	0.200	-5.4744	20.0
4-Chloroaniline	0.461	0.397	0.010	-13.8604	40.0
Hexachlorobutadiene	0.201	0.205	0.040	2.4271	30.0
Caprolactam	0.124	0.091	0.010	-27.2605	40.0
4-Chloro-3-methylphenol	0.368	0.311	0.040	-15.4013	25.0
1-Methylnaphthalene	0.763	0.710	0.100	-6.8731	20.0
2-Methylnaphthalene	0.754	0.693	0.100	-8.0449	20.0
Hexachlorocyclopentadiene	0.355	0.372	0.010	4.6708	40.0
2,4,6-Trichlorophenol	0.383	0.406	0.090	6.0007	25.0
2,4,5-Trichlorophenol	0.420	0.424	0.100	0.8557	25.0
1,1-Biphenyl	1.508	1.483	0.200	-1.6693	20.0
2-Chloronaphthalene	1.175	1.162	0.300	-1.104	20.0
2-Nitroaniline	0.380	0.306	0.050	-19.3359	40.0
Dimethylphthalate	1.523	1.448	0.300	-4.9623	20.0
2,6-Dinitrotoluene	0.300	0.303	0.080	1.0577	30.0
Acenaphthylene	1.840	1.849	0.400	0.5012	20.0
3-Nitroaniline	0.331	0.285	0.010	-14.1335	40.0
Acenaphthene	1.314	1.249	0.200	-4.943	20.0
2,4-Dinitrophenol	0.176	0.192	0.010	8.6015	40.0
4-Nitrophenol	0.261	0.176	0.010	-32.4657	40.0
Dibenzofuran	1.796	1.690	0.300	-5.9312	20.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN100424 SAS No.: BN100424 SDG No.: BN100424

Instrument ID: BNA_N Calibration Date/Time: 10/5/2024 12 07:47

Lab File ID: BN034414.D Init. Calib. Date(s):

EPA Sample No.: SSTD020334 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.452	0.431	0.070	-4.6773	30.0
Diethylphthalate	1.592	1.456	0.300	-8.5093	20.0
Fluorene	1.469	1.384	0.200	-5.7874	20.0
4-Chlorophenyl-phenylether	0.712	0.688	0.100	-3.3819	20.0
4-Nitroaniline	0.341	0.263	0.010	-22.881	40.0
4,6-Dinitro-2-methylphenol	0.132	0.126	0.010	-4.7074	40.0
N-Nitrosodiphenylamine	0.599	0.610	0.050	1.7111	20.0
1,2,4,5-Tetrachlorobenzene	0.577	0.611	0.100	5.8609	20.0
4-Bromophenyl-phenylether	0.203	0.225	0.070	10.8408	20.0
Hexachlorobenzene	0.236	0.261	0.050	10.5608	25.0
Atrazine	0.217	0.190	0.010	-12.2764	25.0
Pentachlorophenol	0.157	0.156	0.010	-0.6984	40.0
Phenanthrene	1.103	1.079	0.200	-2.1675	20.0
Pentachlorobenzene	0.283	0.312	0.050	10.0191	20.0
Anthracene	1.126	1.110	0.200	-1.4583	20.0
1,2,3,4-Tetrachlorobenzene	0.278	0.305	0.050	9.3998	20.0
Carbazole	1.036	0.959	0.050	-7.4257	40.0
Di-n-butylphthalate	1.318	1.240	0.500	-5.9102	25.0
Fluoranthene	1.303	1.443	0.400	10.7649	25.0
Pyrene	1.400	1.462	0.400	4.3666	25.0
Butylbenzylphthalate	0.628	0.598	0.100	-4.8089	40.0
3,3-Dichlorobenzidine	0.449	0.402	0.010	-10.4657	40.0
Benzo(a)anthracene	1.426	1.339	0.300	-6.0723	30.0
Chrysene	1.361	1.250	0.200	-8.1661	30.0
Bis(2-ethylhexyl)phthalate	0.919	0.888	0.200	-3.4043	40.0
Di-n-octyl phthalate	1.331	1.244	0.010	-6.5142	40.0
Benzo(b)fluoranthene	1.219	1.168	0.200	-4.2547	25.0
Benzo(k)fluoranthene	1.203	1.181	0.200	-1.8173	25.0
Benzo(a)pyrene	1.152	1.108	0.200	-3.8156	20.0
Indeno(1,2,3-cd)pyrene	1.427	1.432	0.200	0.3593	25.0
Dibenzo(a,h)anthracene	1.154	1.201	0.200	4.1448	30.0
Benzo(g,h,i)perylene	1.108	1.173	0.200	5.8272	30.0
2,3,4,6-Tetrachlorophenol	0.349	0.362	0.040	3.7816	20.0
1,4-Dioxane-d8	0.490	0.470	0.010	-4.0595	25.0
Pyridine-d5	1.457	1.195	0.010	-17.955	40.0
Phenol-d5	1.775	1.514	0.010	-14.6959	25.0
Bis-(2-Chloroethyl)ether-d8	1.101	0.907	0.050	-17.6204	25.0
2-Chlorophenol-d4	1.397	1.367	0.200	-2.16	20.0
4-Methylphenol-d8	1.461	1.241	0.010	-15.0036	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN100424 SAS No.: BN100424 SDG No.: BN100424

Instrument ID: BNA_N Calibration Date/Time: 10/5/2024 12 07:47

Lab File ID: BN034414.D Init. Calib. Date(s):

EPA Sample No.: SSTD020334 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.160	0.050	0.3347	20.0
2-Nitrophenol-d4	0.164	0.175	0.050	7.0003	30.0
2,4-Dichlorophenol-d3	0.309	0.318	0.060	2.9508	20.0
4-Chloroaniline-d4	0.467	0.420	0.010	-10.1129	40.0
Dimethylphthalate-d6	1.495	1.445	0.300	-3.3541	20.0
Acenaphthylene-d8	1.681	1.661	0.400	-1.2334	20.0
4-Nitrophenol-d4	0.307	0.249	0.010	-18.9213	40.0
Fluorene-d10	1.267	1.220	0.100	-3.7013	20.0
4,6-Dinitro-2-methylphenol-d2	0.119	0.115	0.010	-3.6858	40.0
Anthracene-d10	0.940	0.909	0.300	-3.3527	20.0
Pyrene-d10	1.114	1.187	0.300	6.5109	25.0
Benzo(a)pyrene-d12	1.027	0.971	0.010	-5.4725	20.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN100424 SAS No.: BN100424 SDG No.: BN100424

Instrument ID: BNA_N Calibration Date/Time: 10/5/2024 12 17:37

Lab File ID: BN034427.D Init. Calib. Date(s):

EPA Sample No.: SSTD020335 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.517	0.483	0.010	-6.6033	40.0
Benzaldehyde	0.937	0.701	0.010	-25.2271	40.0
Pyridine	1.491	1.219	0.010	-18.2018	40.0
Phenol	1.848	1.477	0.080	-20.0801	20.0
Bis(2-Chloroethyl)ether	1.436	1.249	0.100	-13.0391	20.0
2-Chlorophenol	1.432	1.308	0.200	-8.6607	20.0
2-Methylphenol	1.381	1.142	0.010	-17.3386	20.0
2,2-oxybis(1-Chloropropane)	2.118	1.619	0.010	-23.591	40.0
Acetophenone	2.314	1.824	0.060	-21.1481	20.0
4-Methylphenol	1.537	1.263	0.010	-17.8209	20.0
N-Nitroso-di-n-propylamine	1.146	0.888	0.050	-22.4671	30.0
Hexachloroethane	0.604	0.561	0.100	-7.1846	20.0
Nitrobenzene	0.399	0.355	0.050	-10.9692	25.0
Isophorone	0.736	0.640	0.050	-13.0771	25.0
2-Nitrophenol	0.183	0.179	0.050	-2.3038	25.0
2,4-Dimethylphenol	0.377	0.330	0.050	-12.4808	25.0
Bis(2-Chloroethoxy)methane	0.453	0.418	0.050	-7.5757	20.0
2,4-Dichlorophenol	0.313	0.306	0.060	-2.1751	20.0
Naphthalene	1.094	1.051	0.200	-3.9251	20.0
4-Chloroaniline	0.461	0.406	0.010	-11.7457	40.0
Hexachlorobutadiene	0.201	0.204	0.040	1.7788	30.0
Caprolactam	0.124	0.091	0.010	-27.0996	40.0
4-Chloro-3-methylphenol	0.368	0.311	0.040	-15.448	25.0
1-Methylnaphthalene	0.763	0.719	0.100	-5.6797	20.0
2-Methylnaphthalene	0.754	0.697	0.100	-7.5307	20.0
Hexachlorocyclopentadiene	0.355	0.338	0.010	-4.9971	40.0
2,4,6-Trichlorophenol	0.383	0.386	0.090	0.9574	25.0
2,4,5-Trichlorophenol	0.420	0.413	0.100	-1.8353	25.0
1,1-Biphenyl	1.508	1.449	0.200	-3.8942	20.0
2-Chloronaphthalene	1.175	1.141	0.300	-2.8404	20.0
2-Nitroaniline	0.380	0.293	0.050	-22.7881	40.0
Dimethylphthalate	1.523	1.469	0.300	-3.563	20.0
2,6-Dinitrotoluene	0.300	0.294	0.080	-1.9025	30.0
Acenaphthylene	1.840	1.847	0.400	0.3671	20.0
3-Nitroaniline	0.331	0.274	0.010	-17.3402	40.0
Acenaphthene	1.314	1.241	0.200	-5.5097	20.0
2,4-Dinitrophenol	0.176	0.205	0.010	16.3789	40.0
4-Nitrophenol	0.261	0.186	0.010	-28.6405	40.0
Dibenzofuran	1.796	1.707	0.300	-4.9592	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN100424 SAS No.: BN100424 SDG No.: BN100424

Instrument ID: BNA_N Calibration Date/Time: 10/5/2024 12 17:37

Lab File ID: BN034427.D Init. Calib. Date(s):

EPA Sample No.: SSTD020335 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.452	0.430	0.070	-4.829	30.0
Diethylphthalate	1.592	1.446	0.300	-9.1639	20.0
Fluorene	1.469	1.384	0.200	-5.8215	20.0
4-Chlorophenyl-phenylether	0.712	0.677	0.100	-4.9212	20.0
4-Nitroaniline	0.341	0.262	0.010	-23.2721	40.0
4,6-Dinitro-2-methylphenol	0.132	0.121	0.010	-8.5571	40.0
N-Nitrosodiphenylamine	0.599	0.569	0.050	-5.0017	20.0
1,2,4,5-Tetrachlorobenzene	0.577	0.585	0.100	1.3951	20.0
4-Bromophenyl-phenylether	0.203	0.210	0.070	3.1605	20.0
Hexachlorobenzene	0.236	0.253	0.050	7.2642	25.0
Atrazine	0.217	0.188	0.010	-13.6495	25.0
Pentachlorophenol	0.157	0.151	0.010	-4.0224	40.0
Phenanthrene	1.103	1.069	0.200	-3.0571	20.0
Pentachlorobenzene	0.283	0.288	0.050	1.4604	20.0
Anthracene	1.126	1.088	0.200	-3.3636	20.0
1,2,3,4-Tetrachlorobenzene	0.278	0.281	0.050	0.9922	20.0
Carbazole	1.036	1.006	0.050	-2.9267	40.0
Di-n-butylphthalate	1.318	1.219	0.500	-7.4515	25.0
Fluoranthene	1.303	1.282	0.400	-1.5715	25.0
Pyrene	1.400	1.308	0.400	-6.6362	25.0
Butylbenzylphthalate	0.628	0.572	0.100	-8.9906	40.0
3,3-Dichlorobenzidine	0.449	0.421	0.010	-6.2366	40.0
Benzo(a)anthracene	1.426	1.393	0.300	-2.3448	30.0
Chrysene	1.361	1.290	0.200	-5.1551	30.0
Bis(2-ethylhexyl)phthalate	0.919	0.867	0.200	-5.7165	40.0
Di-n-octyl phthalate	1.331	1.263	0.010	-5.0812	40.0
Benzo(b)fluoranthene	1.219	1.205	0.200	-1.1513	25.0
Benzo(k)fluoranthene	1.203	1.221	0.200	1.5308	25.0
Benzo(a)pyrene	1.152	1.131	0.200	-1.8563	20.0
Indeno(1,2,3-cd)pyrene	1.427	1.277	0.200	-10.5518	25.0
Dibenzo(a,h)anthracene	1.154	1.059	0.200	-8.1765	30.0
Benzo(g,h,i)perylene	1.108	1.024	0.200	-7.5686	30.0
2,3,4,6-Tetrachlorophenol	0.349	0.355	0.040	1.6678	20.0
Pyridine-d5	1.457	1.175	0.010	-19.3283	40.0
1,4-Dioxane-d8	0.490	0.456	0.010	-7.0204	25.0
Phenol-d5	1.775	1.466	0.010	-17.3846	25.0
Bis-(2-Chloroethyl)ether-d8	1.101	0.883	0.050	-19.8455	25.0
2-Chlorophenol-d4	1.397	1.319	0.200	-5.6299	20.0
4-Methylphenol-d8	1.461	1.204	0.010	-17.5508	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN100424 SAS No.: BN100424 SDG No.: BN100424

Instrument ID: BNA_N Calibration Date/Time: 10/5/2024 12 17:37

Lab File ID: BN034427.D Init. Calib. Date(s):

EPA Sample No.: SSTD020335 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.157	0.050	-1.529	20.0
2-Nitrophenol-d4	0.164	0.166	0.050	1.4526	30.0
2,4-Dichlorophenol-d3	0.309	0.315	0.060	2.1091	20.0
4-Chloroaniline-d4	0.467	0.425	0.010	-9.0238	40.0
Dimethylphthalate-d6	1.495	1.444	0.300	-3.3858	20.0
Acenaphthylene-d8	1.681	1.613	0.400	-4.0527	20.0
4-Nitrophenol-d4	0.307	0.252	0.010	-17.6914	40.0
Fluorene-d10	1.267	1.214	0.100	-4.172	20.0
4,6-Dinitro-2-methylphenol-d2	0.119	0.109	0.010	-8.7022	40.0
Anthracene-d10	0.940	0.909	0.300	-3.3304	20.0
Pyrene-d10	1.114	1.067	0.300	-4.2939	25.0
Benzo(a)pyrene-d12	1.027	0.967	0.010	-5.8959	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.: BN100424 SAS No.: BN100424 SDG No.: BN100424

Instrument ID: BNA_N Calibration Date/Time: 10/5/2024 12 21:32

Lab File ID: BN034432.D Init. Calib. Date(s):

EPA Sample No.: SSTD020336 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.517	0.480	0.010	-7.1919	50.0
Benzaldehyde	0.937	0.750	0.010	-19.9428	50.0
Pyridine	1.491	1.249	0.010	-16.2127	50.0
Phenol	1.848	1.483	0.080	-19.7701	50.0
Bis(2-Chloroethyl)ether	1.436	1.250	0.100	-13.0026	50.0
2-Chlorophenol	1.432	1.302	0.200	-9.0552	50.0
2-Methylphenol	1.381	1.146	0.010	-17.0082	50.0
2,2-oxybis(1-Chloropropane)	2.118	1.643	0.010	-22.4404	50.0
Acetophenone	2.314	1.867	0.060	-19.3211	50.0
4-Methylphenol	1.537	1.266	0.010	-17.6541	50.0
N-Nitroso-di-n-propylamine	1.146	0.884	0.050	-22.8648	50.0
Hexachloroethane	0.604	0.564	0.100	-6.6825	50.0
Nitrobenzene	0.399	0.350	0.050	-12.313	50.0
Isophorone	0.736	0.650	0.050	-11.6591	50.0
2-Nitrophenol	0.183	0.181	0.050	-1.5795	50.0
2,4-Dimethylphenol	0.377	0.335	0.050	-11.2751	50.0
Bis(2-Chloroethoxy)methane	0.453	0.427	0.050	-5.7147	50.0
2,4-Dichlorophenol	0.313	0.307	0.060	-1.7014	50.0
Naphthalene	1.094	1.057	0.200	-3.3368	50.0
4-Chloroaniline	0.461	0.412	0.010	-10.4493	50.0
Hexachlorobutadiene	0.201	0.204	0.040	1.5278	50.0
Caprolactam	0.124	0.093	0.010	-25.6324	50.0
4-Chloro-3-methylphenol	0.368	0.311	0.040	-15.5347	50.0
1-Methylnaphthalene	0.763	0.739	0.100	-3.1358	50.0
2-Methylnaphthalene	0.754	0.702	0.100	-6.7887	50.0
Hexachlorocyclopentadiene	0.355	0.329	0.010	-7.319	50.0
2,4,6-Trichlorophenol	0.383	0.367	0.090	-4.0768	50.0
2,4,5-Trichlorophenol	0.420	0.404	0.100	-3.928	50.0
1,1-Biphenyl	1.508	1.406	0.200	-6.7682	50.0
2-Chloronaphthalene	1.175	1.122	0.300	-4.508	50.0
2-Nitroaniline	0.380	0.296	0.050	-21.8991	50.0
Dimethylphthalate	1.523	1.442	0.300	-5.3719	50.0
2,6-Dinitrotoluene	0.300	0.290	0.080	-3.4484	50.0
Acenaphthylene	1.840	1.803	0.400	-1.9893	50.0
3-Nitroaniline	0.331	0.267	0.010	-19.5085	50.0
Acenaphthene	1.314	1.211	0.200	-7.793	50.0
2,4-Dinitrophenol	0.176	0.178	0.010	1.0672	50.0
4-Nitrophenol	0.261	0.182	0.010	-30.0598	50.0
Dibenzofuran	1.796	1.691	0.300	-5.8861	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN100424 SAS No.: BN100424 SDG No.: BN100424

Instrument ID: BNA_N Calibration Date/Time: 10/5/2024 12 21:32

Lab File ID: BN034432.D Init. Calib. Date(s):

EPA Sample No.: SSTD020336 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.452	0.431	0.070	-4.7882	50.0
Diethylphthalate	1.592	1.451	0.300	-8.8653	50.0
Fluorene	1.469	1.401	0.200	-4.6528	50.0
4-Chlorophenyl-phenylether	0.712	0.679	0.100	-4.6488	50.0
4-Nitroaniline	0.341	0.257	0.010	-24.5796	50.0
4,6-Dinitro-2-methylphenol	0.132	0.113	0.010	-14.6775	50.0
N-Nitrosodiphenylamine	0.599	0.558	0.050	-6.8859	50.0
1,2,4,5-Tetrachlorobenzene	0.577	0.591	0.100	2.3541	50.0
4-Bromophenyl-phenylether	0.203	0.206	0.070	1.4496	50.0
Hexachlorobenzene	0.236	0.244	0.050	3.4998	50.0
Atrazine	0.217	0.182	0.010	-16.2365	50.0
Pentachlorophenol	0.157	0.145	0.010	-7.5516	50.0
Phenanthrene	1.103	1.035	0.200	-6.1904	50.0
Pentachlorobenzene	0.283	0.282	0.050	-0.6347	50.0
Anthracene	1.126	1.083	0.200	-3.8493	50.0
1,2,3,4-Tetrachlorobenzene	0.278	0.275	0.050	-1.2952	50.0
Carbazole	1.036	0.969	0.050	-6.4573	50.0
Di-n-butylphthalate	1.318	1.214	0.500	-7.8854	50.0
Fluoranthene	1.303	1.279	0.400	-1.7969	50.0
Pyrene	1.400	1.307	0.400	-6.6529	50.0
Butylbenzylphthalate	0.628	0.564	0.100	-10.1592	50.0
3,3-Dichlorobenzidine	0.449	0.402	0.010	-10.6019	50.0
Benzo(a)anthracene	1.426	1.308	0.300	-8.2848	50.0
Chrysene	1.361	1.279	0.200	-5.9962	50.0
Bis(2-ethylhexyl)phthalate	0.919	0.840	0.200	-8.5908	50.0
Di-n-octyl phthalate	1.331	1.261	0.010	-5.2427	50.0
Benzo(b)fluoranthene	1.219	1.175	0.200	-3.6084	50.0
Benzo(k)fluoranthene	1.203	1.240	0.200	3.0653	50.0
Benzo(a)pyrene	1.152	1.126	0.200	-2.2727	50.0
Indeno(1,2,3-cd)pyrene	1.427	1.287	0.200	-9.8601	50.0
Dibenzo(a,h)anthracene	1.154	1.065	0.200	-7.654	50.0
Benzo(g,h,i)perylene	1.108	1.031	0.200	-6.9726	50.0
2,3,4,6-Tetrachlorophenol	0.349	0.355	0.040	1.6404	50.0
1,4-Dioxane-d8	0.490	0.449	0.010	-8.336	50.0
Pyridine-d5	1.457	1.197	0.010	-17.8476	50.0
Phenol-d5	1.775	1.468	0.010	-17.2804	50.0
Bis-(2-Chloroethyl)ether-d8	1.101	0.899	0.050	-18.3584	50.0
2-Chlorophenol-d4	1.397	1.313	0.200	-6.049	50.0
4-Methylphenol-d8	1.461	1.233	0.010	-15.6095	50.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN100424 SAS No.: BN100424 SDG No.: BN100424

Instrument ID: BNA_N Calibration Date/Time: 10/5/2024 12 21:32

Lab File ID: BN034432.D Init. Calib. Date(s):

EPA Sample No.: SSTD020336 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.157	0.050	-1.4613	50.0
2-Nitrophenol-d4	0.164	0.165	0.050	0.7092	50.0
2,4-Dichlorophenol-d3	0.309	0.312	0.060	1.1591	50.0
4-Chloroaniline-d4	0.467	0.431	0.010	-7.8014	50.0
Dimethylphthalate-d6	1.495	1.437	0.300	-3.8872	50.0
Acenaphthylene-d8	1.681	1.614	0.400	-4.0269	50.0
4-Nitrophenol-d4	0.307	0.247	0.010	-19.5714	50.0
Fluorene-d10	1.267	1.188	0.100	-6.1768	50.0
4,6-Dinitro-2-methylphenol-d2	0.119	0.106	0.010	-10.7793	50.0
Anthracene-d10	0.940	0.888	0.300	-5.6066	50.0
Pyrene-d10	1.114	1.064	0.300	-4.4947	50.0
Benzo(a)pyrene-d12	1.027	0.956	0.010	-6.9299	50.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SBLK807			SDG No.:	BN100424
Lab Sample ID:	PB163807BL			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
BN034391.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163807

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

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SBLK807			SDG No.:	BN100424
Lab Sample ID:	PB163807BL			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
BN034391.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163807

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

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SBLK807			SDG No.:	BN100424
Lab Sample ID:	PB163807BL			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
BN034391.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.111		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	22.143		20-120		55	SPK: -40
4165-62-2	Phenol-d5	21.35		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.742		25-120		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.365		20-130		61	SPK: -40
190780-66-6	4-Methylphenol-d8	21.7		25-125		54	SPK: -40
4165-60-0	Nitrobenzene-d5	24.675		20-125		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.539		20-130		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.886		20-120		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.798		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.161		25-130		65	SPK: -40
93951-97-4	Acenaphthylene-d8	24.949		10-130		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.715		10-150		44	SPK: -40
81103-79-9	Fluorene-d10	25.177		25-125		63	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SBLK807			SDG No.:	BN100424
Lab Sample ID:	PB163807BL			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
BN034391.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.103		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	25.581		25-130		64	SPK: -40
1718-52-1	Pyrene-d10	27.736		15-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.794		20-130		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	176363	7.381				
1146-65-2	Naphthalene-d8	704076	10.134				
15067-26-2	Acenaphthene-d10	460338	14.034				
1517-22-2	Phenanthrene-d10	1002663	16.792				
1719-03-5	Chrysene-d12	962249	21.028				
1520-96-3	Perylene-d12	955174	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-11-4	Octadecanoic acid	2.4	J			19.028	
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SBLK808			SDG No.:	BN100424
Lab Sample ID:	PB163808BL			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
BN034392.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163808

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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SBLK808	SDG No.:	BN100424
Lab Sample ID:	PB163808BL	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
BN034392.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163808

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

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SBLK808			SDG No.:	BN100424
Lab Sample ID:	PB163808BL			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
BN034392.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163808

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.642		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	19.984		20-120		50	SPK: -40
4165-62-2	Phenol-d5	19.743		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.349		25-120		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.744		20-130		57	SPK: -40
190780-66-6	4-Methylphenol-d8	19.778		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	23.264		20-125		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.149		20-130		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.644		20-120		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.948		1-146		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.001		25-130		60	SPK: -40
93951-97-4	Acenaphthylene-d8	23.46		10-130		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.387		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	23.131		25-125		58	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SBLK808			SDG No.:	BN100424
Lab Sample ID:	PB163808BL			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
BN034392.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163808

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.354		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	23.817		25-130		60	SPK: -40
1718-52-1	Pyrene-d10	28.05		15-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.062		20-130		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	239001	7.381				
1146-65-2	Naphthalene-d8	948823	10.134				
15067-26-2	Acenaphthene-d10	591227	14.034				
1517-22-2	Phenanthrene-d10	1181217	16.792				
1719-03-5	Chrysene-d12	905709	21.028				
1520-96-3	Perylene-d12	988789	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SLCS808			SDG No.:	BN100424
Lab Sample ID:	PB163808BS			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
BN034393.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163808

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.3		0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	11		1.4	5	10	ug/L
110-86-1	Pyridine	11		0.85	10	10	ug/L
108-95-2	Phenol	11		1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	12		1.5	5	10	ug/L
95-57-8	2-Chlorophenol	13		1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	11		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	11		1.4	5	10	ug/L
98-86-2	Acetophenone	11		2.1	5	10	ug/L
106-44-5	4-Methylphenol	11		1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	10		1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	13		0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	12		1.3	2.5	5	ug/L
78-59-1	Isophorone	11		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	13		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	10		0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	12		1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	14		1.4	2.5	5	ug/L
91-20-3	Naphthalene	13		1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	10		1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	14		1.1	2.5	5	ug/L
105-60-2	Caprolactam	8.1	J	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	11		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	12		0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	13		1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	10		1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	14		1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	14		1.7	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SLCS808			SDG No.:	BN100424
Lab Sample ID:	PB163808BS			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
BN034393.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163808

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	14		1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	14		1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	10		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	12		1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	12		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	13		1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	11		0.86	5	10	ug/L
83-32-9	Acenaphthene	13		1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	4.1	J	1.9	5	10	ug/L
100-02-7	4-Nitrophenol	8.2	J	1.5	5	10	ug/L
132-64-9	Dibenzofuran	13		1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	11		0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	11		1.5	2.5	5	ug/L
86-73-7	Fluorene	13		2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	13		1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	10		0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	9.8	J	1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	15		1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	15		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	15		2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	15		1.9	2.5	5	ug/L
1912-24-9	Atrazine	9.1	J	1.2	5	10	ug/L
87-86-5	Pentachlorophenol	12		1.7	5	10	ug/L
85-01-8	Phenanthrene	14		1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	16		1.3	2.5	5	ug/L
120-12-7	Anthracene	13		1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	17		0.75	2.5	5	ug/L
86-74-8	Carbazole	12		2	5	10	ug/L
84-74-2	Di-n-butylphthalate	12		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	15		1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SLCS808			SDG No.:	BN100424
Lab Sample ID:	PB163808BS			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
BN034393.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163808

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	14		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	12		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	12		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	13		1.5	2.5	5	ug/L
218-01-9	Chrysene	13		1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	12		1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	12		1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	13		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	14		2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	13		2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	15		1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	15		2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	16		1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13		1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.467		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	22.898		20-120		57	SPK: -40
4165-62-2	Phenol-d5	22.578		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.01		25-120		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.593		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	22.022		25-125		55	SPK: -40
4165-60-0	Nitrobenzene-d5	27.089		20-125		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.969		20-130		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.635		20-120		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.785		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.838		25-130		62	SPK: -40
93951-97-4	Acenaphthylene-d8	26.833		10-130		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.931		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	24.809		25-125		62	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SLCS808			SDG No.:	BN100424
Lab Sample ID:	PB163808BS			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
BN034393.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163808

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.77		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	26.253		25-130		66	SPK: -40
1718-52-1	Pyrene-d10	28.567		15-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.218		20-130		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	227578	7.381				
1146-65-2	Naphthalene-d8	879569	10.134				
15067-26-2	Acenaphthene-d10	506877	14.034				
1517-22-2	Phenanthrene-d10	898370	16.792				
1719-03-5	Chrysene-d12	742078	21.027				
1520-96-3	Perylene-d12	882075	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	E0CP6			SDG No.:	BN100424
Lab Sample ID:	P4228-01			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
BN034394.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163808

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

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	E0CP6			SDG No.:	BN100424
Lab Sample ID:	P4228-01			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
BN034394.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163808

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

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	E0CP6			SDG No.:	BN100424
Lab Sample ID:	P4228-01			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
BN034394.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163808

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.237		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	6.445	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	6.721		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.316		25-120		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.394		20-130		61	SPK: -40
190780-66-6	4-Methylphenol-d8	15.06		25-125		38	SPK: -40
4165-60-0	Nitrobenzene-d5	27.923		20-125		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.265		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.812		20-120		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.816		1-146		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.956		25-130		75	SPK: -40
93951-97-4	Acenaphthylene-d8	28.874		10-130		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.036		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	29.211		25-125		73	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	E0CP6			SDG No.:	BN100424
Lab Sample ID:	P4228-01			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
BN034394.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163808

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.557		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	32.445		25-130		81	SPK: -40
1718-52-1	Pyrene-d10	36.005		15-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.564		20-130		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	222670	7.381				
1146-65-2	Naphthalene-d8	875467	10.134				
15067-26-2	Acenaphthene-d10	520939	14.034				
1517-22-2	Phenanthrene-d10	945724	16.792				
1719-03-5	Chrysene-d12	743394	21.027				
1520-96-3	Perylene-d12	887161	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	5.6	J			15.416	
000057-10-3	n-Hexadecanoic acid	5.2	J			17.727	
000057-11-4	Octadecanoic acid	8.2	J			19.028	
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	E0CP7			SDG No.:	BN100424
Lab Sample ID:	P4228-02			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
BN034395.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163808

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

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	E0CP7			SDG No.:	BN100424
Lab Sample ID:	P4228-02			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
BN034395.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163808

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

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	E0CP7			SDG No.:	BN100424
Lab Sample ID:	P4228-02			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
BN034395.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163808

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.127		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	6.644	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	7.926		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.453		25-120		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.939		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	16.167		25-125		40	SPK: -40
4165-60-0	Nitrobenzene-d5	28.242		20-125		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.016		20-130		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.419		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.258		1-146		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.041		25-130		73	SPK: -40
93951-97-4	Acenaphthylene-d8	29.967		10-130		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.272		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	30.492		25-125		76	SPK: -40

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Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	E0CP7			SDG No.:	BN100424
Lab Sample ID:	P4228-02			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
BN034395.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163808

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.149		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	31.678		25-130		79	SPK: -40
1718-52-1	Pyrene-d10	32.726		15-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.692		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	204676	7.381				
1146-65-2	Naphthalene-d8	774134	10.134				
15067-26-2	Acenaphthene-d10	446218	14.034				
1517-22-2	Phenanthrene-d10	904356	16.786				
1719-03-5	Chrysene-d12	866530	21.027				
1520-96-3	Perylene-d12	1030554	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-11-2	2-Pentanol, 4-methyl-	560	J			3.552	
000111-76-2	Ethanol, 2-butoxy-	3.8	J			5.516	
000611-14-3	Benzene, 1-ethyl-2-methyl-	3.1	J			6.487	
000526-73-8	Benzene, 1,2,3-trimethyl-	9.7	J			7.034	
000496-11-7	Indane	2.1	J			7.74	
026452-80-2	Pyridine, 2,4-dichloro-	25	J			8.622	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	2.4	J			9.946	
000095-16-9	Benzothiazole	3.9	J			10.781	
000101-83-7	Cyclohexanamine, N-cyclohexyl-	3.8	J			13.351	
062476-56-6	2,6-Dichloro-3-pyridinylamine	2.6	J			13.592	
000119-61-9	Benzophenone	13	J			15.416	
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	2.7	J			15.981	
000764-42-1	Fumaronitrile	18	J			16.351	
000057-10-3	n-Hexadecanoic acid	8.5	J			17.728	
000057-11-4	Octadecanoic acid	9.8	J			19.028	
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	3.5	J			19.269	
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	E0CP7			SDG No.:	BN100424
Lab Sample ID:	P4228-02			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
BN034395.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163808

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

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Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-6(20240927)	SDG No.:	BN100424
Lab Sample ID:	P4227-13	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034396.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163807

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

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Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-6(20240927)	SDG No.:	BN100424
Lab Sample ID:	P4227-13	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034396.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163807

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

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-6(20240927)			SDG No.:	BN100424
Lab Sample ID:	P4227-13			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034396.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.923		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	10.237		10-130		26	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.988		25-120		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.001		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	19.813		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	27.465		20-125		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.968		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.007		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.517		1-146		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.877		25-130		72	SPK: -40
93951-97-4	Acenaphthylene-d8	27.261		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.742		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	27.719		25-125		69	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-6(20240927)			SDG No.:	BN100424
Lab Sample ID:	P4227-13			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034396.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.237		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	30.445		25-130		76	SPK: -40
1718-52-1	Pyrene-d10	36.511		15-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.977		20-130		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	245866	7.381				
1146-65-2	Naphthalene-d8	980719	10.134				
15067-26-2	Acenaphthene-d10	618534	14.034				
1517-22-2	Phenanthrene-d10	1201727	16.792				
1719-03-5	Chrysene-d12	872932	21.022				
1520-96-3	Perylene-d12	953882	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-73-1	Benzene, 1,3-dichloro-	21	J			7.269	
000095-50-1	Benzene, 1,2-dichloro-	6.1	J			7.722	
000087-61-6	Benzene, 1,2,3-trichloro-	59	J			10.004	
000108-70-3	Benzene, 1,3,5-trichloro-	3.5	J			10.516	
000057-11-4	Octadecanoic acid	2.3	J			19.022	
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-7S(20240927)	SDG No.:	BN100424
Lab Sample ID:	P4227-14	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034397.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163807

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

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Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-7S(20240927)	SDG No.:	BN100424
Lab Sample ID:	P4227-14	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034397.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163807

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

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-7S(20240927)			SDG No.:	BN100424
Lab Sample ID:	P4227-14			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034397.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.556		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	6.545	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	9.571		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.591		25-120		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.37		20-130		63	SPK: -40
190780-66-6	4-Methylphenol-d8	19.368		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	27.895		20-125		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.312		20-130		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.107		20-120		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.607		1-146		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.114		25-130		70	SPK: -40
93951-97-4	Acenaphthylene-d8	28.028		10-130		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.441		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	27.897		25-125		70	SPK: -40

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-7S(20240927)			SDG No.:	BN100424
Lab Sample ID:	P4227-14			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034397.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.855		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	29.845		25-130		75	SPK: -40
1718-52-1	Pyrene-d10	33.36		15-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.365		20-130		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	238056	7.381				
1146-65-2	Naphthalene-d8	946425	10.134				
15067-26-2	Acenaphthene-d10	556894	14.034				
1517-22-2	Phenanthrene-d10	1016114	16.792				
1719-03-5	Chrysene-d12	804684	21.022				
1520-96-3	Perylene-d12	934115	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	6.1	J			17.728	
000057-11-4	Octadecanoic acid	10	J			19.028	
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-10(20240927)			SDG No.:	BN100424
Lab Sample ID:	P4227-18			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
BN034398.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.51	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5.1	10	ug/L
110-86-1	Pyridine	0.86	U	0.86	10.1	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5.1	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5.1	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5.1	ug/L
67-72-1	Hexachloroethane	0.9	U	0.9	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5.1	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.73	U	0.73	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5.1	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5.1	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.98	U	0.98	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5.1	ug/L

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Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-10(20240927)	SDG No.:	BN100424
Lab Sample ID:	P4227-18	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
BN034398.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163807

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

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-10(20240927)			SDG No.:	BN100424
Lab Sample ID:	P4227-18			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
BN034398.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5.1	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.287		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	4.237	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	11.005		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.027		25-120		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.891		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	20.337		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	29.426		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.214		20-130		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.242		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.347		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.279		25-130		73	SPK: -40
93951-97-4	Acenaphthylene-d8	29.673		10-130		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.423		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	28.804		25-125		72	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-10(20240927)			SDG No.:	BN100424
Lab Sample ID:	P4227-18			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
BN034398.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.821		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	31.31		25-130		78	SPK: -40
1718-52-1	Pyrene-d10	35.102		15-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.618		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	238554	7.381				
1146-65-2	Naphthalene-d8	941704	10.134				
15067-26-2	Acenaphthene-d10	547781	14.034				
1517-22-2	Phenanthrene-d10	982336	16.792				
1719-03-5	Chrysene-d12	785991	21.022				
1520-96-3	Perylene-d12	949455	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000591-27-5	Phenol, 3-amino-	20	J			11.357	
	unknown-01	2.3	J			14.74	
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	FB(20240925)			SDG No.:	BN100424
Lab Sample ID:	P4227-19			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
BN034399.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163808

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

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	FB(20240925)			SDG No.:	BN100424
Lab Sample ID:	P4227-19			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
BN034399.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163808

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

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	FB(20240925)			SDG No.:	BN100424
Lab Sample ID:	P4227-19			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
BN034399.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163808

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.349		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	4.18	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	9.436		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.528		25-120		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.437		20-130		66	SPK: -40
190780-66-6	4-Methylphenol-d8	18.959		25-125		47	SPK: -40
4165-60-0	Nitrobenzene-d5	30.838		20-125		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.762		20-130		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.886		20-120		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.861		1-146		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.025		25-130		75	SPK: -40
93951-97-4	Acenaphthylene-d8	29.523		10-130		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.28	*	10-150		8	SPK: -40
81103-79-9	Fluorene-d10	29.618		25-125		74	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	FB(20240925)			SDG No.:	BN100424
Lab Sample ID:	P4227-19			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
BN034399.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163808

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.338		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	32.298		25-130		81	SPK: -40
1718-52-1	Pyrene-d10	37.125		15-130		93	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.442		20-130		86	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	243449	7.381				
1146-65-2	Naphthalene-d8	943406	10.134				
15067-26-2	Acenaphthene-d10	553235	14.034				
1517-22-2	Phenanthrene-d10	1013185	16.792				
1719-03-5	Chrysene-d12	784242	21.022				
1520-96-3	Perylene-d12	931087	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000593-39-5	6-Octadecenoic acid, (Z)-	2.8	J			18.898	
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SBLK807			SDG No.:	BN100424
Lab Sample ID:	PB163807BL			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
BN034401.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163807

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

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SBLK807			SDG No.:	BN100424
Lab Sample ID:	PB163807BL			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
BN034401.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163807

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

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SBLK807			SDG No.:	BN100424
Lab Sample ID:	PB163807BL			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
BN034401.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.108		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	20.701		20-120		52	SPK: -40
4165-62-2	Phenol-d5	20.614		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.693		25-120		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.063		20-130		60	SPK: -40
190780-66-6	4-Methylphenol-d8	20.266		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	25.106		20-125		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.155		20-130		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.797		20-120		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.608		1-146		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.288		25-130		58	SPK: -40
93951-97-4	Acenaphthylene-d8	24.663		10-130		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.742		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	23.729		25-125		59	SPK: -40

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Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SBLK807			SDG No.:	BN100424
Lab Sample ID:	PB163807BL			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
BN034401.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.824		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	24.763		25-130		62	SPK: -40
1718-52-1	Pyrene-d10	27.988		15-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.679		20-130		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	240630	7.381				
1146-65-2	Naphthalene-d8	922301	10.134				
15067-26-2	Acenaphthene-d10	542264	14.034				
1517-22-2	Phenanthrene-d10	969205	16.792				
1719-03-5	Chrysene-d12	750780	21.021				
1520-96-3	Perylene-d12	890999	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SBLK787			SDG No.:	BN100424
Lab Sample ID:	PB163787BL			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
BN034402.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163787

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

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SBLK787			SDG No.:	BN100424
Lab Sample ID:	PB163787BL			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
BN034402.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163787

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

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SBLK787			SDG No.:	BN100424
Lab Sample ID:	PB163787BL			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
BN034402.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.841		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	20.591		20-120		51	SPK: -40
4165-62-2	Phenol-d5	19.932		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.05		25-120		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.006		20-130		58	SPK: -40
190780-66-6	4-Methylphenol-d8	19.419		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	23.602		20-125		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.255		20-130		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.702		20-120		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.536		1-146		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.534		25-130		59	SPK: -40
93951-97-4	Acenaphthylene-d8	23.591		10-130		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.158		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	23.848		25-125		60	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SBLK787			SDG No.:	BN100424
Lab Sample ID:	PB163787BL			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
BN034402.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.877		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	24.747		25-130		62	SPK: -40
1718-52-1	Pyrene-d10	24.594		15-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.962		20-130		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	217237	7.381				
1146-65-2	Naphthalene-d8	831100	10.134				
15067-26-2	Acenaphthene-d10	485276	14.034				
1517-22-2	Phenanthrene-d10	966667	16.792				
1719-03-5	Chrysene-d12	964832	21.022				
1520-96-3	Perylene-d12	1167527	23.721				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	FB(20240926)			SDG No.:	BN100424
Lab Sample ID:	P4227-20			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
BN034403.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163808

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

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	FB(20240926)			SDG No.:	BN100424
Lab Sample ID:	P4227-20			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
BN034403.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163808

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

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	FB(20240926)			SDG No.:	BN100424
Lab Sample ID:	P4227-20			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
BN034403.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163808

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.785		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	4.195	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	7.826		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.127		25-120		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.522		20-130		61	SPK: -40
190780-66-6	4-Methylphenol-d8	17.233		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	28.339		20-125		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.021		20-130		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.873		20-120		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.896		1-146		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.993		25-130		70	SPK: -40
93951-97-4	Acenaphthylene-d8	27.718		10-130		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.582	*	10-150		9	SPK: -40
81103-79-9	Fluorene-d10	27.653		25-125		69	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	FB(20240926)			SDG No.:	BN100424
Lab Sample ID:	P4227-20			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
BN034403.D	1	9/30/2024 12:00:00 AM	10/4/2024 12:00:00 AM	PB163808

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.34		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	29.496		25-130		74	SPK: -40
1718-52-1	Pyrene-d10	28.93		15-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.484		20-130		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	215855	7.381				
1146-65-2	Naphthalene-d8	801728	10.134				
15067-26-2	Acenaphthene-d10	453584	14.034				
1517-22-2	Phenanthrene-d10	888300	16.792				
1719-03-5	Chrysene-d12	864676	21.021				
1520-96-3	Perylene-d12	1089325	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-79-8	9-Octadecenoic acid, (E)-	2.2	J			18.898	
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-7D(20240927)			SDG No.:	BN100424
Lab Sample ID:	P4227-15			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
BN034404.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.51	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5.1	10	ug/L
110-86-1	Pyridine	0.86	U	0.86	10.1	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5.1	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5.1	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5.1	ug/L
67-72-1	Hexachloroethane	0.9	U	0.9	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5.1	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.73	U	0.73	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5.1	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5.1	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.98	U	0.98	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5.1	ug/L

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Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-7D(20240927)	SDG No.:	BN100424
Lab Sample ID:	P4227-15	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
BN034404.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163807

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

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-7D(20240927)			SDG No.:	BN100424
Lab Sample ID:	P4227-15			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
BN034404.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5.1	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.024		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	5.258	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	11.129		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.672		25-120		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.345		20-130		66	SPK: -40
190780-66-6	4-Methylphenol-d8	19.876		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	28.46		20-125		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.654		20-130		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.369		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.281		1-146		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.105		25-130		75	SPK: -40
93951-97-4	Acenaphthylene-d8	28.872		10-130		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.538		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	29.624		25-125		74	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-7D(20240927)			SDG No.:	BN100424
Lab Sample ID:	P4227-15			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
BN034404.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.923		10-130		67	SPK: -40
1719-06-8	Anthracene-d10	30.922		25-130		77	SPK: -40
1718-52-1	Pyrene-d10	30.108		15-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.215		20-130		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	219181	7.381				
1146-65-2	Naphthalene-d8	839419	10.134				
15067-26-2	Acenaphthene-d10	525443	14.034				
1517-22-2	Phenanthrene-d10	1083249	16.792				
1719-03-5	Chrysene-d12	1091815	21.021				
1520-96-3	Perylene-d12	1341384	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-50-1	Benzene, 1,2-dichloro-	2.8	J			7.722	
000057-10-3	n-Hexadecanoic acid	3.3	J			17.722	
000112-79-8	9-Octadecenoic acid, (E)-	2.1	J			18.898	
000057-11-4	Octadecanoic acid	2.9	J			19.022	
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-7D(20240927)MS	SDG No.:	BN100424
Lab Sample ID:	P4227-16MS	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
BN034405.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15		0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	25		1.4	5	10	ug/L
110-86-1	Pyridine	7	J	0.85	10	10	ug/L
108-95-2	Phenol	12		1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	27		1.5	5	10	ug/L
95-57-8	2-Chlorophenol	28		1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	24		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	23		1.4	5	10	ug/L
98-86-2	Acetophenone	25		2.1	5	10	ug/L
106-44-5	4-Methylphenol	22		1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	24		1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	24		0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	27		1.3	2.5	5	ug/L
78-59-1	Isophorone	28		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	33		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	25		0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	29		1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	34		1.4	2.5	5	ug/L
91-20-3	Naphthalene	29		1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	20		1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	30		1.1	2.5	5	ug/L
105-60-2	Caprolactam	4.5	J	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	28		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	29		0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	29		1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	24		1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	34		1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	34		1.7	2.5	5	ug/L

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Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-7D(20240927)MS	SDG No.:	BN100424
Lab Sample ID:	P4227-16MS	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
BN034405.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31		1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	32		1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	28		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	31		1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	35		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	31		1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	29		0.86	5	10	ug/L
83-32-9	Acenaphthene	31		1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	34		1.9	5	10	ug/L
100-02-7	4-Nitrophenol	9.4	J	1.5	5	10	ug/L
132-64-9	Dibenzofuran	31		1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	33		0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	31		1.5	2.5	5	ug/L
86-73-7	Fluorene	31		2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	31		1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	32		0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	34		1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	33		1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	33		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	35		2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	36		1.9	2.5	5	ug/L
1912-24-9	Atrazine	21		1.2	5	10	ug/L
87-86-5	Pentachlorophenol	36		1.7	5	10	ug/L
85-01-8	Phenanthrene	33		1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	33		1.3	2.5	5	ug/L
120-12-7	Anthracene	32		1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	33		0.75	2.5	5	ug/L
86-74-8	Carbazole	33		2	5	10	ug/L
84-74-2	Di-n-butylphthalate	33		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	33		1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-7D(20240927)MS			SDG No.:	BN100424
Lab Sample ID:	P4227-16MS			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
BN034405.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	32		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	33		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	21		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	32		1.5	2.5	5	ug/L
218-01-9	Chrysene	33		1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	33		1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	33		1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	32		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	33		2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	31		2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	35		1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	35		2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	35		1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	36		1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.023		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	6.582	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	11.551		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.104		25-120		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.009		20-130		73	SPK: -40
190780-66-6	4-Methylphenol-d8	21.856		25-125		55	SPK: -40
4165-60-0	Nitrobenzene-d5	31.935		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.572		20-130		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.291		20-120		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.292		1-146		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.268		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	31.119		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.499		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	32.055		25-125		80	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-7D(20240927)MS			SDG No.:	BN100424
Lab Sample ID:	P4227-16MS			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
BN034405.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.276		10-130		88	SPK: -40
1719-06-8	Anthracene-d10	32.344		25-130		81	SPK: -40
1718-52-1	Pyrene-d10	34.107		15-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.611		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	225344	7.381				
1146-65-2	Naphthalene-d8	886129	10.134				
15067-26-2	Acenaphthene-d10	548942	14.034				
1517-22-2	Phenanthrene-d10	1130062	16.792				
1719-03-5	Chrysene-d12	1093007	21.028				
1520-96-3	Perylene-d12	1359618	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-7D(20240927)MSD	SDG No.:	BN100424
Lab Sample ID:	P4227-17MSD	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
BN034406.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16		0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	25		1.4	5	10	ug/L
110-86-1	Pyridine	7.3	J	0.85	10	10	ug/L
108-95-2	Phenol	12		1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	28		1.5	5	10	ug/L
95-57-8	2-Chlorophenol	29		1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	24		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	24		1.4	5	10	ug/L
98-86-2	Acetophenone	25		2.1	5	10	ug/L
106-44-5	4-Methylphenol	22		1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	24		1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	24		0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	28		1.3	2.5	5	ug/L
78-59-1	Isophorone	28		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	34		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	26		0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	30		1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	35		1.4	2.5	5	ug/L
91-20-3	Naphthalene	29		1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	20		1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	31		1.1	2.5	5	ug/L
105-60-2	Caprolactam	4.4	J	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	28		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	29		0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	30		1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	27		1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	36		1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	35		1.7	2.5	5	ug/L

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Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-7D(20240927)MSD	SDG No.:	BN100424
Lab Sample ID:	P4227-17MSD	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
BN034406.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32		1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	32		1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	28		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	32		1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	35		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	31		1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	29		0.86	5	10	ug/L
83-32-9	Acenaphthene	31		1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	34		1.9	5	10	ug/L
100-02-7	4-Nitrophenol	9	J	1.5	5	10	ug/L
132-64-9	Dibenzofuran	32		1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	33		0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	32		1.5	2.5	5	ug/L
86-73-7	Fluorene	31		2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	32		1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	31		0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	34		1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	33		1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	35		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	36		2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	38		1.9	2.5	5	ug/L
1912-24-9	Atrazine	21		1.2	5	10	ug/L
87-86-5	Pentachlorophenol	36		1.7	5	10	ug/L
85-01-8	Phenanthrene	33		1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	34		1.3	2.5	5	ug/L
120-12-7	Anthracene	32		1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	35		0.75	2.5	5	ug/L
86-74-8	Carbazole	33		2	5	10	ug/L
84-74-2	Di-n-butylphthalate	34		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	35		1.7	5	5	ug/L

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Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-7D(20240927)MSD	SDG No.:	BN100424
Lab Sample ID:	P4227-17MSD	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
BN034406.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	34		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	35		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	21		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	34		1.5	2.5	5	ug/L
218-01-9	Chrysene	34		1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	36		1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	36		1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	34		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	34		2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	32		2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	36		1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	36		2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	37		1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	36		1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.506		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	6.6	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	11.668		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.64		25-120		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.348		20-130		73	SPK: -40
190780-66-6	4-Methylphenol-d8	21.951		25-125		55	SPK: -40
4165-60-0	Nitrobenzene-d5	32.723		20-125		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.543		20-130		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.123		20-120		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.501		1-146		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.652		25-130		82	SPK: -40
93951-97-4	Acenaphthylene-d8	31.799		10-130		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.048		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	32.278		25-125		81	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-7D(20240927)MSD			SDG No.:	BN100424
Lab Sample ID:	P4227-17MSD			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
BN034406.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.115		10-130		90	SPK: -40
1719-06-8	Anthracene-d10	32.933		25-130		82	SPK: -40
1718-52-1	Pyrene-d10	35.505		15-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.464		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	231751	7.381				
1146-65-2	Naphthalene-d8	891751	10.134				
15067-26-2	Acenaphthene-d10	534785	14.034				
1517-22-2	Phenanthrene-d10	1080522	16.792				
1719-03-5	Chrysene-d12	1017918	21.027				
1520-96-3	Perylene-d12	1282971	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	FB(20240927)			SDG No.:	BN100424
Lab Sample ID:	P4227-21			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
BN034407.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163808

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.51	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5.1	10	ug/L
110-86-1	Pyridine	0.86	U	0.86	10.1	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5.1	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5.1	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5.1	ug/L
67-72-1	Hexachloroethane	0.9	U	0.9	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5.1	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.73	U	0.73	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5.1	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5.1	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.98	U	0.98	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	FB(20240927)			SDG No.:	BN100424
Lab Sample ID:	P4227-21			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
BN034407.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163808

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

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	FB(20240927)			SDG No.:	BN100424
Lab Sample ID:	P4227-21			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
BN034407.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163808

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5.1	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.57		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	3.794	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	7.195		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.383		25-120		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.943		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	16.339		25-125		41	SPK: -40
4165-60-0	Nitrobenzene-d5	31.628		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.735		20-130		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.014		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.298		1-146		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.54		25-130		76	SPK: -40
93951-97-4	Acenaphthylene-d8	31.523		10-130		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.472	*	10-150		9	SPK: -40
81103-79-9	Fluorene-d10	29.814		25-125		75	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	FB(20240927)			SDG No.:	BN100424
Lab Sample ID:	P4227-21			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
BN034407.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163808

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.628		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	32.72		25-130		82	SPK: -40
1718-52-1	Pyrene-d10	33.645		15-130		84	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.541		20-130		86	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	239613	7.381				
1146-65-2	Naphthalene-d8	890009	10.134				
15067-26-2	Acenaphthene-d10	503239	14.034				
1517-22-2	Phenanthrene-d10	928514	16.786				
1719-03-5	Chrysene-d12	845086	21.022				
1520-96-3	Perylene-d12	1027331	23.721				
TENTATIVE IDENTIFIED COMPOUNDS							
002027-47-6	9-Octadecenoic acid	8.3	J			18.904	
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	DUP(20240926)			SDG No.:	BN100424
Lab Sample ID:	P4227-07			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
BN034408.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.51	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5.1	10	ug/L
110-86-1	Pyridine	0.86	U	0.86	10.1	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5.1	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5.1	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5.1	ug/L
67-72-1	Hexachloroethane	0.9	U	0.9	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5.1	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.73	U	0.73	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5.1	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5.1	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.98	U	0.98	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	DUP(20240926)			SDG No.:	BN100424
Lab Sample ID:	P4227-07			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
BN034408.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163787

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

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	DUP(20240926)			SDG No.:	BN100424
Lab Sample ID:	P4227-07			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
BN034408.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5.1	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.736		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	9.914		20-120		25	SPK: -40
4165-62-2	Phenol-d5	12.492		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.629		25-120		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.353		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	22.842		25-125		57	SPK: -40
4165-60-0	Nitrobenzene-d5	28.113		20-125		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.307		20-130		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.351		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.739		1-146		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.856		25-130		80	SPK: -40
93951-97-4	Acenaphthylene-d8	29.029		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.078		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	30.146		25-125		75	SPK: -40

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Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	DUP(20240926)			SDG No.:	BN100424
Lab Sample ID:	P4227-07			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
BN034408.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.853		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	31.365		25-130		78	SPK: -40
1718-52-1	Pyrene-d10	31.553		15-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.968		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	186016	7.387				
1146-65-2	Naphthalene-d8	796498	10.134				
15067-26-2	Acenaphthene-d10	516669	14.034				
1517-22-2	Phenanthrene-d10	1136078	16.792				
1719-03-5	Chrysene-d12	1188642	21.022				
1520-96-3	Perylene-d12	1286098	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-73-1	Benzene, 1,3-dichloro-	8.6	J			7.275	
000095-51-2	o-Chloroaniline	3.4	J			9.181	
000583-78-8	Phenol, 2,5-dichloro-	3.6	J			9.834	
000091-59-8	2-Naphthalenamine	210	J			14.604	
000134-32-7	1-Naphthalenamine	4.7	J			14.74	
000057-10-3	n-Hexadecanoic acid	2.2	J			17.722	
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	MW-2(MCUA)(20240926)	SDG No.:	BN100424
Lab Sample ID:	P4227-08	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
BN034409.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163787

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

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Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	MW-2(MCUA)(20240926)	SDG No.:	BN100424
Lab Sample ID:	P4227-08	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
BN034409.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163787

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

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Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	MW-2(MCUA)(20240926)	SDG No.:	BN100424
Lab Sample ID:	P4227-08	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
BN034409.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.174		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	11.315		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.592		25-120		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.746		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	18.734		25-125		47	SPK: -40
4165-60-0	Nitrobenzene-d5	29.968		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.339		20-130		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.068		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.092		1-146		3	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.522		25-130		74	SPK: -40
93951-97-4	Acenaphthylene-d8	28.368		10-130		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.473		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	29.189		25-125		73	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	MW-2(MCUA)(20240926)			SDG No.:	BN100424
Lab Sample ID:	P4227-08			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
BN034409.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.779		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	31.823		25-130		80	SPK: -40
1718-52-1	Pyrene-d10	34.942		15-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.504		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	242049	7.381				
1146-65-2	Naphthalene-d8	934070	10.133				
15067-26-2	Acenaphthene-d10	556833	14.033				
1517-22-2	Phenanthrene-d10	1048023	16.792				
1719-03-5	Chrysene-d12	867835	21.021				
1520-96-3	Perylene-d12	1050039	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000134-62-3	Diethyltoluamide	2.4	J			14.81	
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	PMW-5(20240926)	SDG No.:	BN100424
Lab Sample ID:	P4227-09	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
BN034410.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163787

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

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	PMW-5(20240926)			SDG No.:	BN100424
Lab Sample ID:	P4227-09			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
BN034410.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163787

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

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	PMW-5(20240926)			SDG No.:	BN100424
Lab Sample ID:	P4227-09			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
BN034410.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.198		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	5.413	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	12.406		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.708		25-120		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.965		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	24.025		25-125		60	SPK: -40
4165-60-0	Nitrobenzene-d5	34.589		20-125		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.477		20-130		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.544		20-120		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.351		1-146		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.566		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	33.329		10-130		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.771		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	32.531		25-125		81	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	PMW-5(20240926)			SDG No.:	BN100424
Lab Sample ID:	P4227-09			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
BN034410.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.377		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	34.929		25-130		87	SPK: -40
1718-52-1	Pyrene-d10	36.051		15-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.207		20-130		91	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	197053	7.393				
1146-65-2	Naphthalene-d8	794943	10.193				
15067-26-2	Acenaphthene-d10	467080	14.034				
1517-22-2	Phenanthrene-d10	870600	16.792				
1719-03-5	Chrysene-d12	805489	21.021				
1520-96-3	Perylene-d12	976318	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-38-3	Benzene, 1,3-dimethyl-	10	J			5.087	
000611-14-3	Benzene, 1-ethyl-2-methyl-	2.2	J			6.493	
000526-73-8	Benzene, 1,2,3-trimethyl-	3.4	J			7.046	
000095-50-1	Benzene, 1,2-dichloro-	7	J			7.281	
000541-73-1	Benzene, 1,3-dichloro-	9.6	J			7.746	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	15	J			8.804	
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	26	J			8.999	
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	41	J			9.057	
000108-70-3	Benzene, 1,3,5-trichloro-	17	J			9.299	
000767-58-8	Indan, 1-methyl-	21	J			9.404	
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	50	J			9.557	
000087-61-6	Benzene, 1,2,3-trichloro-	880	J			10.057	
004706-89-2	Benzene, 2,4-dimethyl-1-(1-methyle	2.1	J			10.404	
	unknown-01	850	J			10.575	
000091-57-6	Naphthalene, 2-methyl-	3.5	J			11.81	
000085-44-9	Phthalic anhydride	2.6	J			11.934	
000095-94-3	Benzene, 1,2,4,5-tetrachloro-	8.6	J			12.193	

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	PMW-5(20240926)			SDG No.:	BN100424
Lab Sample ID:	P4227-09			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
BN034410.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
002409-55-4	Phenol, 2-(1,1-dimethylethyl)-4-me	16	J			12.275	
000095-95-4	Phenol, 2,4,5-trichloro-	6.5	J			12.516	
000933-78-8	Phenol, 2,3,5-trichloro-	3.5	J			12.651	
000634-90-2	Benzene, 1,2,3,5-tetrachloro-	3.4	J			12.81	
000933-75-5	Phenol, 2,3,6-trichloro-	5.3	J			12.851	
054845-35-1	Thiophene, 2-butyl-5-(2-methylprop	3.3	J			14.592	
206879-68-7	(6-tert-Butyl-2,2-dimethyl-4H-1,3-	2.4	J			15.598	
000057-10-3	n-Hexadecanoic acid	3.1	J			17.722	
000091-76-9	1,3,5-Triazine-2,4-diamine, 6-phen	3.8	J			18.38	
000082-45-1	9,10-Anthracenedione, 1-amino-	3.3	J			20.374	
001740-19-8	Dehydroabietic acid	5.7	J			20.71	
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	MW-1(MCUA)(20240926)	SDG No.:	BN100424
Lab Sample ID:	P4227-10	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
BN034411.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163787

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

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Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	MW-1(MCUA)(20240926)	SDG No.:	BN100424
Lab Sample ID:	P4227-10	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
BN034411.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163787

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

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Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	MW-1(MCUA)(20240926)	SDG No.:	BN100424
Lab Sample ID:	P4227-10	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
BN034411.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.923		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	4.515	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	8.393		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.412		25-120		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.084		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	17.967		25-125		45	SPK: -40
4165-60-0	Nitrobenzene-d5	30.939		20-125		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.943		20-130		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.501		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.501		1-146		6	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.849		25-130		75	SPK: -40
93951-97-4	Acenaphthylene-d8	28.556		10-130		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.15		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	28.92		25-125		72	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	MW-1(MCUA)(20240926)			SDG No.:	BN100424
Lab Sample ID:	P4227-10			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
BN034411.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.052		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	31.575		25-130		79	SPK: -40
1718-52-1	Pyrene-d10	33.5		15-130		84	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.548		20-130		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	230598	7.381				
1146-65-2	Naphthalene-d8	898340	10.134				
15067-26-2	Acenaphthene-d10	541264	14.028				
1517-22-2	Phenanthrene-d10	1006056	16.792				
1719-03-5	Chrysene-d12	870683	21.022				
1520-96-3	Perylene-d12	1057865	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-3(20240927)	SDG No.:	BN100424
Lab Sample ID:	P4227-11	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
BN034412.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163787

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

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Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-3(20240927)	SDG No.:	BN100424
Lab Sample ID:	P4227-11	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
BN034412.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163787

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

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-3(20240927)			SDG No.:	BN100424
Lab Sample ID:	P4227-11			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
BN034412.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
7291-22-7	Pyridine-d5	3.736	*	20-120		9	SPK: -40
17647-74-4	1,4-Dioxane-d8	4.642		15-120		58	SPK: -8
4165-62-2	Phenol-d5	12.313		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.669		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.226		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	21.118		25-125		53	SPK: -40
4165-60-0	Nitrobenzene-d5	29.775		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.597		20-130		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.7		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.79		1-146		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.898		25-130		77	SPK: -40
93951-97-4	Acenaphthylene-d8	30.823		10-130		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.293		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	30.206		25-125		76	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-3(20240927)			SDG No.:	BN100424
Lab Sample ID:	P4227-11			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
BN034412.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.314		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	31.212		25-130		78	SPK: -40
1718-52-1	Pyrene-d10	32.539		15-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.545		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	240050	7.381				
1146-65-2	Naphthalene-d8	915344	10.134				
15067-26-2	Acenaphthene-d10	529496	14.034				
1517-22-2	Phenanthrene-d10	1040562	16.787				
1719-03-5	Chrysene-d12	979056	21.022				
1520-96-3	Perylene-d12	1163720	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	2	J			15.41	
000057-10-3	n-Hexadecanoic acid	3.1	J			17.722	
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-4(20240927)			SDG No.:	BN100424
Lab Sample ID:	P4227-12			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
BN034413.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.51	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5.1	10	ug/L
110-86-1	Pyridine	0.86	U	0.86	10.1	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5.1	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5.1	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5.1	ug/L
67-72-1	Hexachloroethane	0.9	U	0.9	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5.1	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.73	U	0.73	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5.1	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5.1	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.98	U	0.98	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-4(20240927)			SDG No.:	BN100424
Lab Sample ID:	P4227-12			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
BN034413.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163787

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

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Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-4(20240927)			SDG No.:	BN100424
Lab Sample ID:	P4227-12			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
BN034413.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5.1	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.646		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	9.713		20-120		24	SPK: -40
4165-62-2	Phenol-d5	10.841		10-130		27	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.301		25-120		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.466		20-130		66	SPK: -40
190780-66-6	4-Methylphenol-d8	20.595		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	29.15		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.589		20-130		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.941		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.854		1-146		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.138		25-130		78	SPK: -40
93951-97-4	Acenaphthylene-d8	30.408		10-130		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.284		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	30.434		25-125		76	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	PMW-4(20240927)			SDG No.:	BN100424
Lab Sample ID:	P4227-12			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
BN034413.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.701		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	31.427		25-130		79	SPK: -40
1718-52-1	Pyrene-d10	30.838		15-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.127		20-130		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	230550	7.381				
1146-65-2	Naphthalene-d8	874476	10.134				
15067-26-2	Acenaphthene-d10	521264	14.034				
1517-22-2	Phenanthrene-d10	1065982	16.787				
1719-03-5	Chrysene-d12	1115790	21.022				
1520-96-3	Perylene-d12	1342830	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	3.9	J			17.722	
000057-11-4	Octadecanoic acid	2	J			19.022	
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SBLK786	SDG No.:	BN100424
Lab Sample ID:	PB163786BL	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
BN034415.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

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

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SBLK786			SDG No.:	BN100424
Lab Sample ID:	PB163786BL			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
BN034415.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

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

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SBLK786			SDG No.:	BN100424
Lab Sample ID:	PB163786BL			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
BN034415.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.791		15-120		72	SPK: -8
7291-22-7	Pyridine-d5	23.141		20-120		58	SPK: -40
4165-62-2	Phenol-d5	22.7		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.539		25-120		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.027		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	22.746		25-125		57	SPK: -40
4165-60-0	Nitrobenzene-d5	27.914		20-125		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.277		20-130		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.56		20-120		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.074		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.16		25-130		68	SPK: -40
93951-97-4	Acenaphthylene-d8	27.747		10-130		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.375		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	26.74		25-125		67	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SBLK786			SDG No.:	BN100424
Lab Sample ID:	PB163786BL			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
BN034415.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.558		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	28.504		25-130		71	SPK: -40
1718-52-1	Pyrene-d10	29.566		15-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.911		20-130		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	238115	7.375				
1146-65-2	Naphthalene-d8	921838	10.134				
15067-26-2	Acenaphthene-d10	540093	14.028				
1517-22-2	Phenanthrene-d10	1014883	16.786				
1719-03-5	Chrysene-d12	910557	21.021				
1520-96-3	Perylene-d12	1088449	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	EB(20240927)			SDG No.:	BN100424
Lab Sample ID:	P4227-22			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
BN034416.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163808

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.51	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5.1	10	ug/L
110-86-1	Pyridine	0.86	U	0.86	10.1	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5.1	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5.1	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5.1	ug/L
67-72-1	Hexachloroethane	0.9	U	0.9	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5.1	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.73	U	0.73	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5.1	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5.1	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.98	U	0.98	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	EB(20240927)			SDG No.:	BN100424
Lab Sample ID:	P4227-22			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
BN034416.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163808

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

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	EB(20240927)			SDG No.:	BN100424
Lab Sample ID:	P4227-22			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
BN034416.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163808

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5.1	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5.1	ug/L
SURROGATES							
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
17647-74-4	1,4-Dioxane-d8	4.661		15-120		58	SPK: -8
4165-62-2	Phenol-d5	10.628		10-130		27	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.811		25-120		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.916		20-130		72	SPK: -40
190780-66-6	4-Methylphenol-d8	20.166		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	32.33		20-125		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.454		20-130		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.451		20-120		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.457		1-146		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.404		25-130		79	SPK: -40
93951-97-4	Acenaphthylene-d8	31.099		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.011		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	31.116		25-125		78	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	EB(20240927)			SDG No.:	BN100424
Lab Sample ID:	P4227-22			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
BN034416.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163808

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.975		10-130		67	SPK: -40
1719-06-8	Anthracene-d10	33.687		25-130		84	SPK: -40
1718-52-1	Pyrene-d10	33.176		15-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.765		20-130		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	270294	7.381				
1146-65-2	Naphthalene-d8	1008001	10.134				
15067-26-2	Acenaphthene-d10	597252	14.034				
1517-22-2	Phenanthrene-d10	1154674	16.787				
1719-03-5	Chrysene-d12	1135310	21.022				
1520-96-3	Perylene-d12	1384166	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
029911-28-2	2-Propanol, 1-(2-butoxy-1-methylet	2.1	J			10.757	
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	PMW-8S(20240926)	SDG No.:	BN100424
Lab Sample ID:	P4227-05	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
BN034417.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17		0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5	10	ug/L
110-86-1	Pyridine	0.85	U	0.85	10	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	0.89	U	0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.72	U	0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.97	U	0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5	ug/L

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Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	PMW-8S(20240926)	SDG No.:	BN100424
Lab Sample ID:	P4227-05	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
BN034417.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

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

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	PMW-8S(20240926)			SDG No.:	BN100424
Lab Sample ID:	P4227-05			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
BN034417.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.736		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	0.536	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	12.851		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.239		25-120		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.707		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	21.87		25-125		55	SPK: -40
4165-60-0	Nitrobenzene-d5	31.398		20-125		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.956		20-130		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.971		20-120		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.107		1-146		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.368		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	32.12		10-130		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.831		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	31.78		25-125		79	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	PMW-8S(20240926)			SDG No.:	BN100424
Lab Sample ID:	P4227-05			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
BN034417.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.58		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	34.617		25-130		87	SPK: -40
1718-52-1	Pyrene-d10	35.108		15-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.444		20-130		91	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	227902	7.381				
1146-65-2	Naphthalene-d8	852883	10.134				
15067-26-2	Acenaphthene-d10	493199	14.028				
1517-22-2	Phenanthrene-d10	946773	16.786				
1719-03-5	Chrysene-d12	923933	21.022				
1520-96-3	Perylene-d12	1121264	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-50-1	Benzene, 1,2-dichloro-	2.7	J			7.722	
000134-32-7	1-Naphthalenamine	2.2	J			14.586	
000057-10-3	n-Hexadecanoic acid	3.3	J			17.722	
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	E1H08MS			SDG No.:	BN100424
Lab Sample ID:	P4218-02MS			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
BN034418.D	10	10/1/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163831

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	59		3.1	5	20	ug/L
100-52-7	Benzaldehyde	310		14	50	100	ug/L
110-86-1	Pyridine	87	J	8.5	100	100	ug/L
108-95-2	Phenol	100		17	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	300		15	50	100	ug/L
95-57-8	2-Chlorophenol	300		11	25	50	ug/L
95-48-7	2-Methylphenol	230		15	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	270		14	50	100	ug/L
98-86-2	Acetophenone	290		21	50	100	ug/L
106-44-5	4-Methylphenol	200		16	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	270		14	25	50	ug/L
67-72-1	Hexachloroethane	280		8.9	25	50	ug/L
98-95-3	Nitrobenzene	310		13	25	50	ug/L
78-59-1	Isophorone	310		14	25	50	ug/L
88-75-5	2-Nitrophenol	370		14	25	50	ug/L
105-67-9	2,4-Dimethylphenol	240		7.2	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	330		14	25	50	ug/L
120-83-2	2,4-Dichlorophenol	360		14	25	50	ug/L
91-20-3	Naphthalene	330		15	25	50	ug/L
106-47-8	4-Chloroaniline	230		17	25	100	ug/L
87-68-3	Hexachlorobutadiene	350		11	25	50	ug/L
105-60-2	Caprolactam	43	J	13	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	300		14	25	50	ug/L
90-12-0	1-Methylnaphthalene	330		9.7	25	50	ug/L
91-57-6	2-Methylnaphthalene	340		15	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	280		14	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	390		19	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	390		17	25	50	ug/L

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	E1H08MS			SDG No.:	BN100424
Lab Sample ID:	P4218-02MS			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
BN034418.D	10	10/1/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163831

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	350		19	25	50	ug/L
91-58-7	2-Chloronaphthalene	360		18	25	50	ug/L
88-74-4	2-Nitroaniline	320		12	25	50	ug/L
131-11-3	Dimethylphthalate	360		16	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	390		13	25	50	ug/L
208-96-8	Acenaphthylene	360		18	25	50	ug/L
99-09-2	3-Nitroaniline	340		8.6	50	100	ug/L
83-32-9	Acenaphthene	350		19	25	50	ug/L
51-28-5	2,4-Dinitrophenol	340		19	50	100	ug/L
100-02-7	4-Nitrophenol	91	J	15	50	100	ug/L
132-64-9	Dibenzofuran	350		17	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	370		9.7	25	50	ug/L
84-66-2	Diethylphthalate	340		15	25	50	ug/L
86-73-7	Fluorene	340		20	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	350		19	25	50	ug/L
100-01-6	4-Nitroaniline	340		6	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	370		17	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	390		17	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	390		18	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	410		27	25	50	ug/L
118-74-1	Hexachlorobenzene	410		19	25	50	ug/L
1912-24-9	Atrazine	280		12	50	100	ug/L
87-86-5	Pentachlorophenol	430		17	50	100	ug/L
85-01-8	Phenanthrene	370		18	25	50	ug/L
608-93-5	Pentachlorobenzene	390		13	25	50	ug/L
120-12-7	Anthracene	360		17	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	400		7.5	25	50	ug/L
86-74-8	Carbazole	360		20	50	100	ug/L
84-74-2	Di-n-butylphthalate	370		17	25	50	ug/L
206-44-0	Fluoranthene	410		17	50	50	ug/L

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	E1H08MS			SDG No.:	BN100424
Lab Sample ID:	P4218-02MS			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
BN034418.D	10	10/1/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163831

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	400		17	25	50	ug/L
85-68-7	Butylbenzylphthalate	380		15	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	390		14	50	100	ug/L
56-55-3	Benzo(a)anthracene	380		15	25	50	ug/L
218-01-9	Chrysene	380		17	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	390		15	25	50	ug/L
117-84-0	Di-n-octyl phthalate	380		13	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	390		16	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	390		22	25	50	ug/L
50-32-8	Benzo(a)pyrene	370		20	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	420		19	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	420		20	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	430		19	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	390		18	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	45.58		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	83.13		20-120		20	SPK: -40
4165-62-2	Phenol-d5	99.09		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	287.32		25-120		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	308.72		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	200.04		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	364.07		20-125		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	395.55		20-130		98	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	363.9		20-120		91	SPK: -40
191656-33-4	4-Chloroaniline-d4	274.65		1-146		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	357.19		25-130		89	SPK: -40
93951-97-4	Acenaphthylene-d8	358.25		10-130		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	103.07		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	354.8		25-125		88	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	E1H08MS			SDG No.:	BN100424
Lab Sample ID:	P4218-02MS			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
BN034418.D	10	10/1/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163831

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	379.4		10-130		94	SPK: -40
1719-06-8	Anthracene-d10	366.91		25-130		91	SPK: -40
1718-52-1	Pyrene-d10	398.83		15-130		99	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	396.24		20-130		99	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	237032	7.381				
1146-65-2	Naphthalene-d8	895404	10.134				
15067-26-2	Acenaphthene-d10	535968	14.034				
1517-22-2	Phenanthrene-d10	1035491	16.786				
1719-03-5	Chrysene-d12	898484	21.027				
1520-96-3	Perylene-d12	1092342	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	19	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	E1H08MSD			SDG No.:	BN100424
Lab Sample ID:	P4218-03MSD			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
BN034419.D	10	10/1/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163831

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	57		3.1	5	20	ug/L
110-86-1	Pyridine	85	J	8.5	100	100	ug/L
100-52-7	Benzaldehyde	300		14	50	100	ug/L
108-95-2	Phenol	100		17	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	290		15	50	100	ug/L
95-57-8	2-Chlorophenol	300		11	25	50	ug/L
95-48-7	2-Methylphenol	230		15	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	260		14	50	100	ug/L
98-86-2	Acetophenone	280		21	50	100	ug/L
106-44-5	4-Methylphenol	200		16	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	260		14	25	50	ug/L
67-72-1	Hexachloroethane	280		8.9	25	50	ug/L
98-95-3	Nitrobenzene	300		13	25	50	ug/L
78-59-1	Isophorone	300		14	25	50	ug/L
88-75-5	2-Nitrophenol	370		14	25	50	ug/L
105-67-9	2,4-Dimethylphenol	240		7.2	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	320		14	25	50	ug/L
120-83-2	2,4-Dichlorophenol	350		14	25	50	ug/L
91-20-3	Naphthalene	330		15	25	50	ug/L
106-47-8	4-Chloroaniline	220		17	25	100	ug/L
87-68-3	Hexachlorobutadiene	340		11	25	50	ug/L
105-60-2	Caprolactam	41	J	13	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	290		14	25	50	ug/L
90-12-0	1-Methylnaphthalene	320		9.7	25	50	ug/L
91-57-6	2-Methylnaphthalene	330		15	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	280		14	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	380		19	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	380		17	25	50	ug/L

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	E1H08MSD			SDG No.:	BN100424
Lab Sample ID:	P4218-03MSD			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
BN034419.D	10	10/1/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163831

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	350		19	25	50	ug/L
91-58-7	2-Chloronaphthalene	350		18	25	50	ug/L
88-74-4	2-Nitroaniline	300		12	25	50	ug/L
131-11-3	Dimethylphthalate	350		16	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	370		13	25	50	ug/L
208-96-8	Acenaphthylene	350		18	25	50	ug/L
99-09-2	3-Nitroaniline	330		8.6	50	100	ug/L
83-32-9	Acenaphthene	340		19	25	50	ug/L
51-28-5	2,4-Dinitrophenol	340		19	50	100	ug/L
100-02-7	4-Nitrophenol	95	J	15	50	100	ug/L
132-64-9	Dibenzofuran	350		17	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	350		9.7	25	50	ug/L
84-66-2	Diethylphthalate	340		15	25	50	ug/L
86-73-7	Fluorene	340		20	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	340		19	25	50	ug/L
100-01-6	4-Nitroaniline	330		6	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	370		17	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	370		17	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	380		18	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	390		27	25	50	ug/L
118-74-1	Hexachlorobenzene	400		19	25	50	ug/L
1912-24-9	Atrazine	280		12	50	100	ug/L
87-86-5	Pentachlorophenol	430		17	50	100	ug/L
85-01-8	Phenanthrene	360		18	25	50	ug/L
608-93-5	Pentachlorobenzene	380		13	25	50	ug/L
120-12-7	Anthracene	350		17	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	380		7.5	25	50	ug/L
86-74-8	Carbazole	350		20	50	100	ug/L
84-74-2	Di-n-butylphthalate	360		17	25	50	ug/L
206-44-0	Fluoranthene	380		17	50	50	ug/L

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	E1H08MSD			SDG No.:	BN100424
Lab Sample ID:	P4218-03MSD			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
BN034419.D	10	10/1/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163831

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	370		17	25	50	ug/L
85-68-7	Butylbenzylphthalate	360		15	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	370		14	50	100	ug/L
56-55-3	Benzo(a)anthracene	360		15	25	50	ug/L
218-01-9	Chrysene	360		17	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	380		15	25	50	ug/L
117-84-0	Di-n-octyl phthalate	360		13	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	370		16	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	370		22	25	50	ug/L
50-32-8	Benzo(a)pyrene	350		20	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	400		19	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	400		20	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	400		19	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	390		18	25	50	ug/L
SURROGATES							
7291-22-7	Pyridine-d5	80.14		20-120		20	SPK: -40
17647-74-4	1,4-Dioxane-d8	47.49		15-120		59	SPK: -8
4165-62-2	Phenol-d5	97.33		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	281.79		25-120		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	302.9		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	195.59		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	354.17		20-125		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	383.79		20-130		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	352.81		20-120		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	265.39		1-146		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	352.5		25-130		88	SPK: -40
93951-97-4	Acenaphthylene-d8	348.47		10-130		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	105.98		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	350.69		25-125		87	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	E1H08MSD			SDG No.:	BN100424
Lab Sample ID:	P4218-03MSD			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
BN034419.D	10	10/1/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163831

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	373.52		10-130		93	SPK: -40
1719-06-8	Anthracene-d10	355.58		25-130		88	SPK: -40
1718-52-1	Pyrene-d10	367.64		15-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	381.63		20-130		95	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	237003	7.381				
1146-65-2	Naphthalene-d8	887218	10.134				
15067-26-2	Acenaphthene-d10	519921	14.034				
1517-22-2	Phenanthrene-d10	1033013	16.786				
1719-03-5	Chrysene-d12	976877	21.027				
1520-96-3	Perylene-d12	1186856	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	19	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	PMW-1(20240925)	SDG No.:	BN100424
Lab Sample ID:	P4227-01	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
BN034420.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

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

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Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	PMW-1(20240925)	SDG No.:	BN100424
Lab Sample ID:	P4227-01	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
BN034420.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

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

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	PMW-1(20240925)			SDG No.:	BN100424
Lab Sample ID:	P4227-01			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
BN034420.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.641		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	11.327		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.403		25-120		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.515		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	20.76		25-125		52	SPK: -40
4165-60-0	Nitrobenzene-d5	29.747		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.246		20-130		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.478		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.395		1-146		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.573		25-130		74	SPK: -40
93951-97-4	Acenaphthylene-d8	28.606		10-130		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.418		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	28.95		25-125		72	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	PMW-1(20240925)			SDG No.:	BN100424
Lab Sample ID:	P4227-01			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
BN034420.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.113		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	31.387		25-130		78	SPK: -40
1718-52-1	Pyrene-d10	33.916		15-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.875		20-130		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	227073	7.381				
1146-65-2	Naphthalene-d8	877111	10.134				
15067-26-2	Acenaphthene-d10	529463	14.028				
1517-22-2	Phenanthrene-d10	1005822	16.786				
1719-03-5	Chrysene-d12	914502	21.021				
1520-96-3	Perylene-d12	1090624	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000105-60-2	Capro lactam	15	J			11.075	
081561-77-5	1-(4-tert-Butylphenyl)propan-2-one	2.3	J			13.528	
032857-63-9	Benzeneacetic acid, 4-(1,1-dimethy	2	J			14.557	
	unknown-01	2.8	J			15.287	
1000131-87-0	Propanoic acid, 2-methyl-3-[4-t-bu	100	J			15.722	
000107-58-4	2-Propenamide, N-(1,1-dimethylethy	4.5	J			15.851	
000057-10-3	n-Hexadecanoic acid	3.1	J			17.722	
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	PMW-2(20240925)	SDG No.:	BN100424
Lab Sample ID:	P4227-02	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
BN034421.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

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

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	PMW-2(20240925)			SDG No.:	BN100424
Lab Sample ID:	P4227-02			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
BN034421.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

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

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	PMW-2(20240925)			SDG No.:	BN100424
Lab Sample ID:	P4227-02			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
BN034421.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.417		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	11.897		10-130		30	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.612		25-120		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.125		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	21.719		25-125		54	SPK: -40
4165-60-0	Nitrobenzene-d5	32.337		20-125		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.844		20-130		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.082		20-120		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.417		1-146		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.349		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	32.056		10-130		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.696		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	31.621		25-125		79	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	PMW-2(20240925)			SDG No.:	BN100424
Lab Sample ID:	P4227-02			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
BN034421.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.355		10-130		76	SPK: -40
1719-06-8	Anthracene-d10	34.73		25-130		87	SPK: -40
1718-52-1	Pyrene-d10	35.035		15-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.41		20-130		91	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	236716	7.381				
1146-65-2	Naphthalene-d8	903333	10.134				
15067-26-2	Acenaphthene-d10	516314	14.028				
1517-22-2	Phenanthrene-d10	964476	16.786				
1719-03-5	Chrysene-d12	917059	21.021				
1520-96-3	Perylene-d12	1135197	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000098-06-6	Benzene, tert-butyl-	2.8	J			6.987	
000541-73-1	Benzene, 1,3-dichloro-	2.1	J			7.263	
027129-86-8	.alpha.-Bromomesitylene	2.3	J			13.122	
000134-32-7	1-Naphthalenamine	20	J			14.586	
000112-75-4	1-Tetradecanamine, N,N-dimethyl-	9.1	J			15.851	
092636-36-7	1-(4-Iodophenyl)pyrrole	11	J			17.769	
	unknown-01	2.2	J			18.057	
	unknown-02	14	J			18.527	
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SLCS787	SDG No.:	BN100424
Lab Sample ID:	PB163787BS	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
BN034422.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6		0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	13		1.4	5	10	ug/L
110-86-1	Pyridine	12		0.85	10	10	ug/L
108-95-2	Phenol	12		1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	14		1.5	5	10	ug/L
95-57-8	2-Chlorophenol	14		1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	12		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	12		1.4	5	10	ug/L
98-86-2	Acetophenone	12		2.1	5	10	ug/L
106-44-5	4-Methylphenol	12		1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	11		1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	14		0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	14		1.3	2.5	5	ug/L
78-59-1	Isophorone	13		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	16		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	11		0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	14		1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	15		1.4	2.5	5	ug/L
91-20-3	Naphthalene	15		1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	11		1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	17		1.1	2.5	5	ug/L
105-60-2	Caprolactam	9.5	J	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	12		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	14		0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	14		1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	14		1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	16		1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	15		1.7	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SLCS787			SDG No.:	BN100424
Lab Sample ID:	PB163787BS			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
BN034422.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	16		1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	16		1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	12		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	14		1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	14		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	15		1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	13		0.86	5	10	ug/L
83-32-9	Acenaphthene	15		1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	10		1.9	5	10	ug/L
100-02-7	4-Nitrophenol	10		1.5	5	10	ug/L
132-64-9	Dibenzofuran	15		1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	14		0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	14		1.5	2.5	5	ug/L
86-73-7	Fluorene	14		2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	15		1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	12		0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	15		1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	16		1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	17		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	17		2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	17		1.9	2.5	5	ug/L
1912-24-9	Atrazine	11		1.2	5	10	ug/L
87-86-5	Pentachlorophenol	14		1.7	5	10	ug/L
85-01-8	Phenanthrene	16		1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	17		1.3	2.5	5	ug/L
120-12-7	Anthracene	15		1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	18		0.75	2.5	5	ug/L
86-74-8	Carbazole	15		2	5	10	ug/L
84-74-2	Di-n-butylphthalate	14		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	16		1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SLCS787			SDG No.:	BN100424
Lab Sample ID:	PB163787BS			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
BN034422.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	16		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	14		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	15		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	15		1.5	2.5	5	ug/L
218-01-9	Chrysene	16		1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	15		1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	14		1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	16		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	16		2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	15		2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	16		1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	16		2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	17		1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	15		1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.942		15-120		74	SPK: -8
7291-22-7	Pyridine-d5	25.11		20-120		63	SPK: -40
4165-62-2	Phenol-d5	25.12		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.904		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.169		20-130		73	SPK: -40
190780-66-6	4-Methylphenol-d8	24.143		25-125		60	SPK: -40
4165-60-0	Nitrobenzene-d5	31.58		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.11		20-130		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.197		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.229		1-146		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.148		25-130		73	SPK: -40
93951-97-4	Acenaphthylene-d8	30.155		10-130		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.508		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	29.131		25-125		73	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SLCS787			SDG No.:	BN100424
Lab Sample ID:	PB163787BS			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
BN034422.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.085		10-130		73	SPK: -40
1719-06-8	Anthracene-d10	30.108		25-130		75	SPK: -40
1718-52-1	Pyrene-d10	31.402		15-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.739		20-130		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	201897	7.375				
1146-65-2	Naphthalene-d8	756859	10.134				
15067-26-2	Acenaphthene-d10	443675	14.028				
1517-22-2	Phenanthrene-d10	839350	16.786				
1719-03-5	Chrysene-d12	766225	21.021				
1520-96-3	Perylene-d12	876207	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SLCS807			SDG No.:	BN100424
Lab Sample ID:	PB163807BS			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
BN034423.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.3		0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	12		1.4	5	10	ug/L
110-86-1	Pyridine	11		0.85	10	10	ug/L
108-95-2	Phenol	12		1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	12		1.5	5	10	ug/L
95-57-8	2-Chlorophenol	13		1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	12		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	11		1.4	5	10	ug/L
98-86-2	Acetophenone	12		2.1	5	10	ug/L
106-44-5	4-Methylphenol	12		1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	11		1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	13		0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	12		1.3	2.5	5	ug/L
78-59-1	Isophorone	12		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	14		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	9.7		0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	13		1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	14		1.4	2.5	5	ug/L
91-20-3	Naphthalene	14		1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	10		1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	14		1.1	2.5	5	ug/L
105-60-2	Caprolactam	10		1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	12		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	13		0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	13		1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	11		1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	13		1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	14		1.7	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SLCS807			SDG No.:	BN100424
Lab Sample ID:	PB163807BS			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
BN034423.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	14		1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	14		1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	10		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	14		1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	13		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	13		1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	11		0.86	5	10	ug/L
83-32-9	Acenaphthene	13		1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	9.1	J	1.9	5	10	ug/L
100-02-7	4-Nitrophenol	9.8	J	1.5	5	10	ug/L
132-64-9	Dibenzofuran	13		1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	13		0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	13		1.5	2.5	5	ug/L
86-73-7	Fluorene	13		2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	13		1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	12		0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	13		1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	14		1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	14		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	14		2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	15		1.9	2.5	5	ug/L
1912-24-9	Atrazine	9.9	J	1.2	5	10	ug/L
87-86-5	Pentachlorophenol	13		1.7	5	10	ug/L
85-01-8	Phenanthrene	14		1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	14		1.3	2.5	5	ug/L
120-12-7	Anthracene	13		1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	14		0.75	2.5	5	ug/L
86-74-8	Carbazole	14		2	5	10	ug/L
84-74-2	Di-n-butylphthalate	13		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	13		1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SLCS807			SDG No.:	BN100424
Lab Sample ID:	PB163807BS			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
BN034423.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	13		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	12		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	13		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	13		1.5	2.5	5	ug/L
218-01-9	Chrysene	13		1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	13		1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	13		1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	14		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	15		2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	13		2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	13		1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	13		2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	13		1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13		1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.164		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	22.347		20-120		56	SPK: -40
4165-62-2	Phenol-d5	23.364		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.808		25-120		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.296		20-130		66	SPK: -40
190780-66-6	4-Methylphenol-d8	23.198		25-125		58	SPK: -40
4165-60-0	Nitrobenzene-d5	27.122		20-125		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.447		20-130		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.087		20-120		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.002		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.749		25-130		67	SPK: -40
93951-97-4	Acenaphthylene-d8	27.124		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.269		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	26.534		25-125		66	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SLCS807			SDG No.:	BN100424
Lab Sample ID:	PB163807BS			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
BN034423.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.542		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	26.547		25-130		66	SPK: -40
1718-52-1	Pyrene-d10	26.226		15-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.19		20-130		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	156582	7.375				
1146-65-2	Naphthalene-d8	632873	10.134				
15067-26-2	Acenaphthene-d10	407160	14.028				
1517-22-2	Phenanthrene-d10	847552	16.787				
1719-03-5	Chrysene-d12	891818	21.022				
1520-96-3	Perylene-d12	974392	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	PMW-9S(20240926)			SDG No.:	BN100424
Lab Sample ID:	P4227-03			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
BN034424.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.51	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5.1	10	ug/L
110-86-1	Pyridine	0.86	U	0.86	10.1	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5.1	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5.1	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5.1	ug/L
67-72-1	Hexachloroethane	0.9	U	0.9	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5.1	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.73	U	0.73	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5.1	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5.1	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.98	U	0.98	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	PMW-9S(20240926)			SDG No.:	BN100424
Lab Sample ID:	P4227-03			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
BN034424.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

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

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	PMW-9S(20240926)			SDG No.:	BN100424
Lab Sample ID:	P4227-03			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
BN034424.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5.1	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.003		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	11.136		20-120		28	SPK: -40
4165-62-2	Phenol-d5	12.937		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.793		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.914		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	22.571		25-125		56	SPK: -40
4165-60-0	Nitrobenzene-d5	26.846		20-125		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.408		20-130		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.577		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.441		1-146		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.824		25-130		77	SPK: -40
93951-97-4	Acenaphthylene-d8	28.382		10-130		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.788		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	29.381		25-125		73	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	PMW-9S(20240926)			SDG No.:	BN100424
Lab Sample ID:	P4227-03			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
BN034424.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.531		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	30.828		25-130		77	SPK: -40
1718-52-1	Pyrene-d10	32.925		15-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.768		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	218414	7.387				
1146-65-2	Naphthalene-d8	917385	10.134				
15067-26-2	Acenaphthene-d10	553345	14.028				
1517-22-2	Phenanthrene-d10	1147068	16.787				
1719-03-5	Chrysene-d12	1064217	21.022				
1520-96-3	Perylene-d12	1264747	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-73-1	Benzene, 1,3-dichloro-	8.7	J			7.275	
000095-51-2	o-Chloroaniline	3	J			9.181	
000583-78-8	Phenol, 2,5-dichloro-	5.3	J			9.834	
000108-43-0	Phenol, 3-chloro-	2.8	J			10.057	
000134-32-7	1-Naphthalenamine	170	J			14.604	
000091-59-8	2-Naphthalenamine	3.9	J			14.74	
000057-10-3	n-Hexadecanoic acid	2.3	J			17.722	
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	PMW-9D(20240926)			SDG No.:	BN100424
Lab Sample ID:	P4227-04			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
BN034425.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.51	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5.1	10	ug/L
110-86-1	Pyridine	0.86	U	0.86	10.1	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5.1	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5.1	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5.1	ug/L
67-72-1	Hexachloroethane	0.9	U	0.9	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5.1	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.73	U	0.73	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5.1	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5.1	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.98	U	0.98	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	PMW-9D(20240926)			SDG No.:	BN100424
Lab Sample ID:	P4227-04			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
BN034425.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

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

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	PMW-9D(20240926)			SDG No.:	BN100424
Lab Sample ID:	P4227-04			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
BN034425.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5.1	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.88		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	0.658	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	13.489		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.202		25-120		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.824		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	23.413		25-125		59	SPK: -40
4165-60-0	Nitrobenzene-d5	30.28		20-125		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.721		20-130		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.448		20-120		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.801		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.402		25-130		79	SPK: -40
93951-97-4	Acenaphthylene-d8	29.702		10-130		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.456		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	30.073		25-125		75	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	PMW-9D(20240926)			SDG No.:	BN100424
Lab Sample ID:	P4227-04			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
BN034425.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.044		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	32.176		25-130		80	SPK: -40
1718-52-1	Pyrene-d10	32.631		15-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.807		20-130		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	221362	7.375				
1146-65-2	Naphthalene-d8	877449	10.14				
15067-26-2	Acenaphthene-d10	568934	14.028				
1517-22-2	Phenanthrene-d10	1159203	16.786				
1719-03-5	Chrysene-d12	1200283	21.021				
1520-96-3	Perylene-d12	1314523	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-50-1	Benzene, 1,2-dichloro-	16	J			7.722	
000108-70-3	Benzene, 1,3,5-trichloro-	45	J			10.516	
000634-90-2	Benzene, 1,2,3,5-tetrachloro-	3.7	J			12.187	
000095-95-4	Phenol, 2,4,5-trichloro-	3.9	J			12.51	
000634-66-2	Benzene, 1,2,3,4-tetrachloro-	5.2	J			12.81	
000088-06-2	Phenol, 2,4,6-trichloro-	4.4	J			12.851	
000119-61-9	Benzophenone	2.3	J			15.41	
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	PMW-8D(20240926)	SDG No.:	BN100424
Lab Sample ID:	P4227-06	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
BN034426.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

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

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Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	PMW-8D(20240926)	SDG No.:	BN100424
Lab Sample ID:	P4227-06	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
BN034426.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

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

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Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	PMW-8D(20240926)	SDG No.:	BN100424
Lab Sample ID:	P4227-06	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
BN034426.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.277		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	10.236		20-120		26	SPK: -40
4165-62-2	Phenol-d5	12.449		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.061		25-120		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.744		20-130		72	SPK: -40
190780-66-6	4-Methylphenol-d8	21.912		25-125		55	SPK: -40
4165-60-0	Nitrobenzene-d5	29.919		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.129		20-130		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.26		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.447		1-146		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.022		25-130		75	SPK: -40
93951-97-4	Acenaphthylene-d8	29.476		10-130		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.677		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	29.548		25-125		74	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	PMW-8D(20240926)			SDG No.:	BN100424
Lab Sample ID:	P4227-06			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
BN034426.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.116		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	30.979		25-130		77	SPK: -40
1718-52-1	Pyrene-d10	32.467		15-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.658		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	242626	7.375				
1146-65-2	Naphthalene-d8	955459	10.134				
15067-26-2	Acenaphthene-d10	600376	14.027				
1517-22-2	Phenanthrene-d10	1246732	16.786				
1719-03-5	Chrysene-d12	1171742	21.021				
1520-96-3	Perylene-d12	1246946	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/1/2024 12:00:00 AM
Project:				Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	SBLK831			SDG No.:	BN100424
Lab Sample ID:	PB163831BL			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
BN034428.D	1	10/1/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163831

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

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Report of Analysis

Client:				Date Collected:	10/1/2024 12:00:00 AM
Project:				Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	SBLK831			SDG No.:	BN100424
Lab Sample ID:	PB163831BL			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
BN034428.D	1	10/1/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163831

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

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Report of Analysis

Client:				Date Collected:	10/1/2024 12:00:00 AM
Project:				Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	SBLK831			SDG No.:	BN100424
Lab Sample ID:	PB163831BL			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
BN034428.D	1	10/1/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163831

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.107		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	21.743		20-120		54	SPK: -40
4165-62-2	Phenol-d5	21.806		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.977		25-120		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.923		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	21.624		25-125		54	SPK: -40
4165-60-0	Nitrobenzene-d5	25.664		20-125		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.786		20-130		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.514		20-120		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.99		1-146		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.365		25-130		66	SPK: -40
93951-97-4	Acenaphthylene-d8	25.83		10-130		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.26		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	26.169		25-125		65	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/1/2024 12:00:00 AM
Project:				Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	SBLK831			SDG No.:	BN100424
Lab Sample ID:	PB163831BL			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
BN034428.D	1	10/1/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163831

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.15		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	27.139		25-130		68	SPK: -40
1718-52-1	Pyrene-d10	28.369		15-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.335		20-130		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	173693	7.375				
1146-65-2	Naphthalene-d8	679592	10.134				
15067-26-2	Acenaphthene-d10	421409	14.028				
1517-22-2	Phenanthrene-d10	869905	16.786				
1719-03-5	Chrysene-d12	843613	21.022				
1520-96-3	Perylene-d12	920871	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/1/2024 12:00:00 AM
Project:				Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	SLEB748			SDG No.:	BN100424
Lab Sample ID:	PB163748TB			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
BN034429.D	10	10/1/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163831

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.1	U	3.1	5	20	ug/L
100-52-7	Benzaldehyde	14	U	14	50	100	ug/L
110-86-1	Pyridine	8.5	U	8.5	100	100	ug/L
108-95-2	Phenol	17	U	17	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	15	U	15	50	100	ug/L
95-57-8	2-Chlorophenol	11	U	11	25	50	ug/L
95-48-7	2-Methylphenol	15	U	15	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	14	U	14	50	100	ug/L
98-86-2	Acetophenone	21	U	21	50	100	ug/L
106-44-5	4-Methylphenol	16	U	16	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	14	U	14	25	50	ug/L
67-72-1	Hexachloroethane	8.9	U	8.9	25	50	ug/L
98-95-3	Nitrobenzene	13	U	13	25	50	ug/L
78-59-1	Isophorone	14	U	14	25	50	ug/L
88-75-5	2-Nitrophenol	14	U	14	25	50	ug/L
105-67-9	2,4-Dimethylphenol	7.2	U	7.2	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	14	U	14	25	50	ug/L
120-83-2	2,4-Dichlorophenol	14	U	14	25	50	ug/L
91-20-3	Naphthalene	15	U	15	25	50	ug/L
106-47-8	4-Chloroaniline	17	U	17	25	100	ug/L
87-68-3	Hexachlorobutadiene	11	U	11	25	50	ug/L
105-60-2	Caprolactam	13	U	13	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	14	U	14	25	50	ug/L
90-12-0	1-Methylnaphthalene	9.7	U	9.7	25	50	ug/L
91-57-6	2-Methylnaphthalene	15	U	15	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	14	U	14	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	19	U	19	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	17	U	17	25	50	ug/L

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Report of Analysis

Client:				Date Collected:	10/1/2024 12:00:00 AM
Project:				Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	SLEB748			SDG No.:	BN100424
Lab Sample ID:	PB163748TB			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
BN034429.D	10	10/1/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163831

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	19	U	19	25	50	ug/L
91-58-7	2-Chloronaphthalene	18	U	18	25	50	ug/L
88-74-4	2-Nitroaniline	12	U	12	25	50	ug/L
131-11-3	Dimethylphthalate	16	U	16	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	13	U	13	25	50	ug/L
208-96-8	Acenaphthylene	18	U	18	25	50	ug/L
99-09-2	3-Nitroaniline	8.6	U	8.6	50	100	ug/L
83-32-9	Acenaphthene	19	U	19	25	50	ug/L
51-28-5	2,4-Dinitrophenol	19	U	19	50	100	ug/L
100-02-7	4-Nitrophenol	15	U	15	50	100	ug/L
132-64-9	Dibenzofuran	17	U	17	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	9.7	U	9.7	25	50	ug/L
84-66-2	Diethylphthalate	15	U	15	25	50	ug/L
86-73-7	Fluorene	20	U	20	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	19	U	19	25	50	ug/L
100-01-6	4-Nitroaniline	6	U	6	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	17	U	17	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	17	U	17	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	18	U	18	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	27	U	27	25	50	ug/L
118-74-1	Hexachlorobenzene	19	U	19	25	50	ug/L
1912-24-9	Atrazine	12	U	12	50	100	ug/L
87-86-5	Pentachlorophenol	17	U	17	50	100	ug/L
85-01-8	Phenanthrene	18	U	18	25	50	ug/L
608-93-5	Pentachlorobenzene	13	U	13	25	50	ug/L
120-12-7	Anthracene	17	U	17	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	7.5	U	7.5	25	50	ug/L
86-74-8	Carbazole	20	U	20	50	100	ug/L
84-74-2	Di-n-butylphthalate	17	U	17	25	50	ug/L
206-44-0	Fluoranthene	17	U	17	50	50	ug/L

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Report of Analysis

Client:				Date Collected:	10/1/2024 12:00:00 AM
Project:				Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	SLEB748			SDG No.:	BN100424
Lab Sample ID:	PB163748TB			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
BN034429.D	10	10/1/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163831

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	17	U	17	25	50	ug/L
85-68-7	Butylbenzylphthalate	15	U	15	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	14	U	14	50	100	ug/L
56-55-3	Benzo(a)anthracene	15	U	15	25	50	ug/L
218-01-9	Chrysene	17	U	17	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	15	U	15	25	50	ug/L
117-84-0	Di-n-octyl phthalate	13	U	13	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	16	U	16	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	22	U	22	25	50	ug/L
50-32-8	Benzo(a)pyrene	20	U	20	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	19	U	19	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	20	U	20	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19	U	19	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	18	U	18	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	53.28		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	217.58		20-120		54	SPK: -40
4165-62-2	Phenol-d5	213.23		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	218.99		25-120		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	246.95		20-130		61	SPK: -40
190780-66-6	4-Methylphenol-d8	216.95		25-125		54	SPK: -40
4165-60-0	Nitrobenzene-d5	255.67		20-125		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	267.37		20-130		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	248.15		20-120		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	237.9		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	277.7		25-130		69	SPK: -40
93951-97-4	Acenaphthylene-d8	262.02		10-130		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	177.27		10-150		44	SPK: -40
81103-79-9	Fluorene-d10	263.54		25-125		65	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/1/2024 12:00:00 AM
Project:				Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	SLEB748			SDG No.:	BN100424
Lab Sample ID:	PB163748TB			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
BN034429.D	10	10/1/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163831

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	206.85		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	264.73		25-130		66	SPK: -40
1718-52-1	Pyrene-d10	297.05		15-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	280.8		20-130		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	220802	7.375				
1146-65-2	Naphthalene-d8	876644	10.134				
15067-26-2	Acenaphthene-d10	549963	14.028				
1517-22-2	Phenanthrene-d10	1156514	16.786				
1719-03-5	Chrysene-d12	1044004	21.021				
1520-96-3	Perylene-d12	1135738	23.721				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	19	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SLCS786	SDG No.:	BN100424
Lab Sample ID:	PB163786BS	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
BN034430.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5		0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	11		1.4	5	10	ug/L
110-86-1	Pyridine	10		0.85	10	10	ug/L
108-95-2	Phenol	11		1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	12		1.5	5	10	ug/L
95-57-8	2-Chlorophenol	12		1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	11		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	10		1.4	5	10	ug/L
98-86-2	Acetophenone	11		2.1	5	10	ug/L
106-44-5	4-Methylphenol	11		1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	10		1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	12		0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	12		1.3	2.5	5	ug/L
78-59-1	Isophorone	11		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	13		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	8.9		0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	12		1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	13		1.4	2.5	5	ug/L
91-20-3	Naphthalene	13		1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	9.5	J	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	14		1.1	2.5	5	ug/L
105-60-2	Caprolactam	9.6	J	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	11		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	12		0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	12		1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	9.8	J	1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	13		1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	12		1.7	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SLCS786			SDG No.:	BN100424
Lab Sample ID:	PB163786BS			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
BN034430.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	13		1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	13		1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	9.8		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	13		1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	12		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	13		1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	11		0.86	5	10	ug/L
83-32-9	Acenaphthene	12		1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	8	J	1.9	5	10	ug/L
100-02-7	4-Nitrophenol	9.5	J	1.5	5	10	ug/L
132-64-9	Dibenzofuran	13		1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	12		0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	12		1.5	2.5	5	ug/L
86-73-7	Fluorene	13		2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	13		1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	11		0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	12		1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	13		1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	14		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	14		2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	14		1.9	2.5	5	ug/L
1912-24-9	Atrazine	9.4	J	1.2	5	10	ug/L
87-86-5	Pentachlorophenol	11		1.7	5	10	ug/L
85-01-8	Phenanthrene	13		1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	13		1.3	2.5	5	ug/L
120-12-7	Anthracene	13		1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	14		0.75	2.5	5	ug/L
86-74-8	Carbazole	13		2	5	10	ug/L
84-74-2	Di-n-butylphthalate	12		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	13		1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SLCS786			SDG No.:	BN100424
Lab Sample ID:	PB163786BS			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
BN034430.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	13		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	12		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	12		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	13		1.5	2.5	5	ug/L
218-01-9	Chrysene	13		1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	12		1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	12		1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	14		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	14		2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	12		2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	13		1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	13		2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	13		1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13		1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.117		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	21.25		20-120		53	SPK: -40
4165-62-2	Phenol-d5	21.764		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.548		25-120		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.819		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	21.222		25-125		53	SPK: -40
4165-60-0	Nitrobenzene-d5	26.015		20-125		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.499		20-130		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.94		20-120		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.68		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.177		25-130		63	SPK: -40
93951-97-4	Acenaphthylene-d8	25.182		10-130		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.887		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	24.361		25-125		61	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SLCS786			SDG No.:	BN100424
Lab Sample ID:	PB163786BS			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
BN034430.D	1	9/30/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163786

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.855		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	25.327		25-130		63	SPK: -40
1718-52-1	Pyrene-d10	25.691		15-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.812		20-130		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	192198	7.375				
1146-65-2	Naphthalene-d8	759111	10.134				
15067-26-2	Acenaphthene-d10	484097	14.028				
1517-22-2	Phenanthrene-d10	986961	16.787				
1719-03-5	Chrysene-d12	999561	21.022				
1520-96-3	Perylene-d12	1105421	23.721				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Alliance TECHNICAL GROUP
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Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	SLCS831	SDG No.:	BN100424
Lab Sample ID:	PB163831BS	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
BN034431.D	1	10/1/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163831

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.3		0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	12		1.4	5	10	ug/L
110-86-1	Pyridine	11		0.85	10	10	ug/L
108-95-2	Phenol	11		1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	12		1.5	5	10	ug/L
95-57-8	2-Chlorophenol	13		1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	12		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	11		1.4	5	10	ug/L
98-86-2	Acetophenone	12		2.1	5	10	ug/L
106-44-5	4-Methylphenol	12		1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	11		1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	13		0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	12		1.3	2.5	5	ug/L
78-59-1	Isophorone	12		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	14		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	9.7		0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	13		1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	14		1.4	2.5	5	ug/L
91-20-3	Naphthalene	14		1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	10		1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	14		1.1	2.5	5	ug/L
105-60-2	Caprolactam	10		1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	12		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	13		0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	13		1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	11		1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	14		1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	14		1.7	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/1/2024 12:00:00 AM
Project:				Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	SLCS831			SDG No.:	BN100424
Lab Sample ID:	PB163831BS			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
BN034431.D	1	10/1/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163831

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	14		1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	14		1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	11		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	14		1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	13		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	14		1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	12		0.86	5	10	ug/L
83-32-9	Acenaphthene	14		1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	8.4	J	1.9	5	10	ug/L
100-02-7	4-Nitrophenol	10		1.5	5	10	ug/L
132-64-9	Dibenzofuran	14		1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	14		0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	13		1.5	2.5	5	ug/L
86-73-7	Fluorene	14		2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	14		1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	12		0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	12		1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	14		1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	15		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	14		2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	15		1.9	2.5	5	ug/L
1912-24-9	Atrazine	10		1.2	5	10	ug/L
87-86-5	Pentachlorophenol	12		1.7	5	10	ug/L
85-01-8	Phenanthrene	14		1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	14		1.3	2.5	5	ug/L
120-12-7	Anthracene	13		1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	14		0.75	2.5	5	ug/L
86-74-8	Carbazole	14		2	5	10	ug/L
84-74-2	Di-n-butylphthalate	13		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	14		1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/1/2024 12:00:00 AM
Project:				Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	SLCS831			SDG No.:	BN100424
Lab Sample ID:	PB163831BS			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
BN034431.D	1	10/1/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163831

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	14		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	12		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	14		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	14		1.5	2.5	5	ug/L
218-01-9	Chrysene	14		1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	13		1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	13		1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	14		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	15		2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	14		2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	13		1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	13		2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	14		1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13		1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.425		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	22.687		20-120		57	SPK: -40
4165-62-2	Phenol-d5	23.292		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.221		25-120		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.616		20-130		67	SPK: -40
190780-66-6	4-Methylphenol-d8	22.951		25-125		57	SPK: -40
4165-60-0	Nitrobenzene-d5	27.548		20-125		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.85		20-130		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.502		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.696		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.969		25-130		70	SPK: -40
93951-97-4	Acenaphthylene-d8	27.901		10-130		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.147		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	27.348		25-125		68	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/1/2024 12:00:00 AM
Project:				Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	SLCS831			SDG No.:	BN100424
Lab Sample ID:	PB163831BS			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
BN034431.D	1	10/1/2024 12:00:00 AM	10/5/2024 12:00:00 AM	PB163831

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.094		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	26.826		25-130		67	SPK: -40
1718-52-1	Pyrene-d10	26.709		15-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.809		20-130		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	160166	7.375				
1146-65-2	Naphthalene-d8	639066	10.134				
15067-26-2	Acenaphthene-d10	402215	14.028				
1517-22-2	Phenanthrene-d10	856036	16.786				
1719-03-5	Chrysene-d12	883625	21.022				
1520-96-3	Perylene-d12	993709	23.721				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BN100424

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : PMW-1(20240925)									
P4227-01	PMW-1(20240925)	Water	1-(4-tert-Butylphenyl)propan-2-or	*	2.300	J			
P4227-01	PMW-1(20240925)	Water	2-Propenamide, N-(1,1-dimethyle	*	4.500	J			
P4227-01	PMW-1(20240925)	Water	Benzeneacetic acid, 4-(1,1-dimeth	*	2.000	J			
P4227-01	PMW-1(20240925)	Water	Capro lactam	*	15.000	J			
P4227-01	PMW-1(20240925)	Water	n-Hexadecanoic acid	*	3.100	J			
P4227-01	PMW-1(20240925)	Water	Propanoic acid, 2-methyl-3-[4-t-bı	*	100.000	J			
P4227-01	PMW-1(20240925)	Water	unknown-01	*	2.800	J			
P4227-01	PMW-1(20240925)	Water	Total Alkanes	*	0.000		1.9	5	ug/L
			Total Tics :		**129.70**				
			Total Concentration:		**129.70**				
Client ID : PMW-2(20240925)									
P4227-02	PMW-2(20240925)	Water	.alpha.-Bromomesitylene	*	2.300	J			
P4227-02	PMW-2(20240925)	Water	1-(4-Iodophenyl)pyrrole	*	11.000	J			
P4227-02	PMW-2(20240925)	Water	1-Naphthalenamine	*	20.000	J			
P4227-02	PMW-2(20240925)	Water	1-Tetradecanamine, N,N-dimethyl	*	9.100	J			
P4227-02	PMW-2(20240925)	Water	Benzene, 1,3-dichloro-	*	2.100	J			
P4227-02	PMW-2(20240925)	Water	Benzene, tert-butyl-	*	2.800	J			
P4227-02	PMW-2(20240925)	Water	unknown-01	*	2.200	J			
P4227-02	PMW-2(20240925)	Water	unknown-02	*	14.000	J			
P4227-02	PMW-2(20240925)	Water	Total Alkanes	*	0.000		1.9	5	ug/L
			Total Tics :		**63.50**				
			Total Concentration:		**63.50**				
Client ID : PMW-9S(20240926)									
P4227-03	PMW-9S(20240926)	Water	1-Naphthalenamine	*	170.000	J			
P4227-03	PMW-9S(20240926)	Water	2-Naphthalenamine	*	3.900	J			
P4227-03	PMW-9S(20240926)	Water	Benzene, 1,3-dichloro-	*	8.700	J			
P4227-03	PMW-9S(20240926)	Water	n-Hexadecanoic acid	*	2.300	J			
P4227-03	PMW-9S(20240926)	Water	o-Chloroaniline	*	3.000	J			
P4227-03	PMW-9S(20240926)	Water	Phenol, 2,5-dichloro-	*	5.300	J			
P4227-03	PMW-9S(20240926)	Water	Phenol, 3-chloro-	*	2.800	J			
P4227-03	PMW-9S(20240926)	Water	Total Alkanes	*	0.000		1.9	5.1	ug/L
			Total Tics :		**196.00**				
			Total Concentration:		**196.00**				
Client ID : PMW-9D(20240926)									
P4227-04	PMW-9D(20240926)	Water	Benzene, 1,2,3,4-tetrachloro-	*	5.200	J			
P4227-04	PMW-9D(20240926)	Water	Benzene, 1,2,3,5-tetrachloro-	*	3.700	J			

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Hit Summary Sheet
SW-846

SDG No.: BN100424

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P4227-04	PMW-9D(20240926)	Water	Benzene, 1,2-dichloro-	*	16.000	J			
P4227-04	PMW-9D(20240926)	Water	Benzene, 1,3,5-trichloro-	*	45.000	J			
P4227-04	PMW-9D(20240926)	Water	Benzophenone	*	2.300	J			
P4227-04	PMW-9D(20240926)	Water	Phenol, 2,4,5-trichloro-	*	3.900	J			
P4227-04	PMW-9D(20240926)	Water	Phenol, 2,4,6-trichloro-	*	4.400	J			
P4227-04	PMW-9D(20240926)	Water	Total Alkanes	*	0.000		1.9	5.1	ug/L
			Total Tics :			**80.50**			
			Total Concentration:			**80.50**			
Client ID :	**PMW-8S(20240926)**								
P4227-05	PMW-8S(20240926)	Water	1-Naphthalenamine	*	2.200	J			
P4227-05	PMW-8S(20240926)	Water	Benzene, 1,2-dichloro-	*	2.700	J			
P4227-05	PMW-8S(20240926)	Water	n-Hexadecanoic acid	*	3.300	J			
P4227-05	PMW-8S(20240926)	Water	Total Alkanes	*	0.000		1.9	5	ug/L
			Total Tics :			**8.20**			
P4227-05	PMW-8S(20240926)	Water	1,4-Dioxane		17.000		0.31	2	ug/L
			Total Svoc :			**17.00**			
			Total Concentration:			**25.20**			
Client ID :	**PMW-8D(20240926)**								
P4227-06	PMW-8D(20240926)	Water	Total Alkanes	*	0.000		1.9	5	ug/L
			Total Tics :			**0.00**			
			Total Concentration:			**0.00**			
Client ID :	**DUP(20240926)**								
P4227-07	DUP(20240926)	Water	1-Naphthalenamine	*	4.700	J			
P4227-07	DUP(20240926)	Water	2-Naphthalenamine	*	210.000	J			
P4227-07	DUP(20240926)	Water	Benzene, 1,3-dichloro-	*	8.600	J			
P4227-07	DUP(20240926)	Water	n-Hexadecanoic acid	*	2.200	J			
P4227-07	DUP(20240926)	Water	o-Chloroaniline	*	3.400	J			
P4227-07	DUP(20240926)	Water	Phenol, 2,5-dichloro-	*	3.600	J			
P4227-07	DUP(20240926)	Water	Total Alkanes	*	0.000		1.9	5.1	ug/L
			Total Tics :			**232.50**			
			Total Concentration:			**232.50**			
Client ID :	**MW-2(MCUA)(20240926)**								
P4227-08	MW-2(MCUA)(2024092(	Water	Diethyltoluamide	*	2.400	J			
P4227-08	MW-2(MCUA)(2024092(	Water	Total Alkanes	*	0.000		1.9	5	ug/L
			Total Tics :			**2.40**			
			Total Concentration:			**2.40**			
Client ID :	**PMW-5(20240926)**								
P4227-09	PMW-5(20240926)	Water	(6-tert-Butyl-2,2-dimethyl-4H-1,3	*	2.400	J			

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Hit Summary Sheet
SW-846

SDG No.: BN100424

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P4227-09	PMW-5(20240926)	Water	1,3,5-Triazine-2,4-diamine, 6-phe	*	3.800	J			
P4227-09	PMW-5(20240926)	Water	9,10-Anthracenedione, 1-amino-	*	3.300	J			
P4227-09	PMW-5(20240926)	Water	Benzene, 1,2,3,4-tetramethyl-	*	41.000	J			
P4227-09	PMW-5(20240926)	Water	Benzene, 1,2,3,5-tetrachloro-	*	3.400	J			
P4227-09	PMW-5(20240926)	Water	Benzene, 1,2,3-trichloro-	*	880.000	J			
P4227-09	PMW-5(20240926)	Water	Benzene, 1,2,3-trimethyl-	*	3.400	J			
P4227-09	PMW-5(20240926)	Water	Benzene, 1,2,4,5-tetrachloro-	*	8.600	J			
P4227-09	PMW-5(20240926)	Water	Benzene, 1,2,4,5-tetramethyl-	*	26.000	J			
P4227-09	PMW-5(20240926)	Water	Benzene, 1,2-dichloro-	*	7.000	J			
P4227-09	PMW-5(20240926)	Water	Benzene, 1,3,5-trichloro-	*	17.000	J			
P4227-09	PMW-5(20240926)	Water	Benzene, 1,3-dichloro-	*	9.600	J			
P4227-09	PMW-5(20240926)	Water	Benzene, 1,3-dimethyl-	*	10.000	J			
P4227-09	PMW-5(20240926)	Water	Benzene, 1-ethyl-2-methyl-	*	2.200	J			
P4227-09	PMW-5(20240926)	Water	Benzene, 2,4-dimethyl-1-(1-methy	*	2.100	J			
P4227-09	PMW-5(20240926)	Water	Benzene, 2-ethenyl-1,4-dimethyl-	*	50.000	J			
P4227-09	PMW-5(20240926)	Water	Benzene, 2-ethyl-1,4-dimethyl-	*	15.000	J			
P4227-09	PMW-5(20240926)	Water	Dehydroabietic acid	*	5.700	J			
P4227-09	PMW-5(20240926)	Water	Indan, 1-methyl-	*	21.000	J			
P4227-09	PMW-5(20240926)	Water	n-Hexadecanoic acid	*	3.100	J			
P4227-09	PMW-5(20240926)	Water	Naphthalene, 2-methyl-	*	3.500	J			
P4227-09	PMW-5(20240926)	Water	Phenol, 2,3,5-trichloro-	*	3.500	J			
P4227-09	PMW-5(20240926)	Water	Phenol, 2,3,6-trichloro-	*	5.300	J			
P4227-09	PMW-5(20240926)	Water	Phenol, 2,4,5-trichloro-	*	6.500	J			
P4227-09	PMW-5(20240926)	Water	Phenol, 2-(1,1-dimethylethyl)-4-m	*	16.000	J			
P4227-09	PMW-5(20240926)	Water	Phthalic anhydride	*	2.600	J			
P4227-09	PMW-5(20240926)	Water	Thiophene, 2-butyl-5-(2-methylpr	*	3.300	J			
P4227-09	PMW-5(20240926)	Water	unknown-01	*	850.000	J			
P4227-09	PMW-5(20240926)	Water	Total Alkanes	*	0.000		1.9	5	ug/L
			Total Tics :		**2,005.30**				
			Total Concentration:		**2,005.30**				
Client ID :	**MW-1(MCUA)(20240926)**								
P4227-10	MW-1(MCUA)(2024092(	Water	Total Alkanes	*	0.000		1.9	5	ug/L
			Total Tics :		**0.00**				
			Total Concentration:		**0.00**				
Client ID :	**PMW-3(20240927)**								
P4227-11	PMW-3(20240927)	Water	Benzophenone	*	2.000	J			
P4227-11	PMW-3(20240927)	Water	n-Hexadecanoic acid	*	3.100	J			
P4227-11	PMW-3(20240927)	Water	Total Alkanes	*	0.000		1.9	5	ug/L
			Total Tics :		**5.10**				

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Hit Summary Sheet
SW-846

SDG No.: BN100424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:			**5.10**		
Client ID :	**PMW-4(20240927)**							
P4227-12	PMW-4(20240927)	Water	n-Hexadecanoic acid	* 3.900	J			
P4227-12	PMW-4(20240927)	Water	Octadecanoic acid	* 2.000	J			
P4227-12	PMW-4(20240927)	Water	Total Alkanes	* 0.000		1.9	5.1	ug/L
			Total Tics :			**5.90**		
			Total Concentration:			**5.90**		
Client ID :	**PMW-6(20240927)**							
P4227-13	PMW-6(20240927)	Water	Benzene, 1,2,3-trichloro-	* 59.000	J			
P4227-13	PMW-6(20240927)	Water	Benzene, 1,2-dichloro-	* 6.100	J			
P4227-13	PMW-6(20240927)	Water	Benzene, 1,3,5-trichloro-	* 3.500	J			
P4227-13	PMW-6(20240927)	Water	Benzene, 1,3-dichloro-	* 21.000	J			
P4227-13	PMW-6(20240927)	Water	Octadecanoic acid	* 2.300	J			
P4227-13	PMW-6(20240927)	Water	Total Alkanes	* 0.000		1.9	5	ug/L
			Total Tics :			**91.90**		
			Total Concentration:			**91.90**		
Client ID :	**PMW-7S(20240927)**							
P4227-14	PMW-7S(20240927)	Water	n-Hexadecanoic acid	* 6.100	J			
P4227-14	PMW-7S(20240927)	Water	Octadecanoic acid	* 10.000	J			
P4227-14	PMW-7S(20240927)	Water	Total Alkanes	* 0.000		1.9	5	ug/L
			Total Tics :			**16.10**		
			Total Concentration:			**16.10**		
Client ID :	**PMW-7D(20240927)**							
P4227-15	PMW-7D(20240927)	Water	9-Octadecenoic acid, (E)-	* 2.100	J			
P4227-15	PMW-7D(20240927)	Water	Benzene, 1,2-dichloro-	* 2.800	J			
P4227-15	PMW-7D(20240927)	Water	n-Hexadecanoic acid	* 3.300	J			
P4227-15	PMW-7D(20240927)	Water	Octadecanoic acid	* 2.900	J			
P4227-15	PMW-7D(20240927)	Water	Total Alkanes	* 0.000		1.9	5.1	ug/L
			Total Tics :			**11.10**		
			Total Concentration:			**11.10**		
Client ID :	**PMW-10(20240927)**							
P4227-18	PMW-10(20240927)	Water	Phenol, 3-amino-	* 20.000	J			
P4227-18	PMW-10(20240927)	Water	unknown-01	* 2.300	J			
P4227-18	PMW-10(20240927)	Water	Total Alkanes	* 0.000		1.9	5.1	ug/L
			Total Tics :			**22.30**		
			Total Concentration:			**22.30**		
Client ID :	**FB(20240925)**							
P4227-19	FB(20240925)	Water	6-Octadecenoic acid, (Z)-	* 2.800	J			

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Hit Summary Sheet
SW-846

SDG No.: BN100424

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P4227-19	FB(20240925)	Water	Total Alkanes	*	0.000		1.9	5	ug/L
			Total Tics :		**2.80**				
			Total Concentration:		**2.80**				
Client ID :	**FB(20240926)**								
P4227-20	FB(20240926)	Water	9-Octadecenoic acid, (E)-	*	2.200	J			
P4227-20	FB(20240926)	Water	Total Alkanes	*	0.000		1.9	5	ug/L
			Total Tics :		**2.20**				
			Total Concentration:		**2.20**				
Client ID :	**FB(20240927)**								
P4227-21	FB(20240927)	Water	9-Octadecenoic acid	*	8.300	J			
P4227-21	FB(20240927)	Water	Total Alkanes	*	0.000		1.9	5.1	ug/L
			Total Tics :		**8.30**				
			Total Concentration:		**8.30**				
Client ID :	**EB(20240927)**								
P4227-22	EB(20240927)	Water	2-Propanol, 1-(2-butoxy-1-methyl	*	2.100	J			
P4227-22	EB(20240927)	Water	Total Alkanes	*	0.000		1.9	5.1	ug/L
			Total Tics :		**2.10**				
			Total Concentration:		**2.10**				
Client ID :	**E0CP6**								
P4228-01	E0CP6	Water	Benzophenone	*	5.600	J			
P4228-01	E0CP6	Water	n-Hexadecanoic acid	*	5.200	J			
P4228-01	E0CP6	Water	Octadecanoic acid	*	8.200	J			
P4228-01	E0CP6	Water	Total Alkanes	*	0.000		1.9	5	ug/L
			Total Tics :		**19.00**				
			Total Concentration:		**19.00**				
Client ID :	**E0CP7**								
P4228-02	E0CP7	Water	2,6-Dichloro-3-pyridinylamine	*	2.600	J			
P4228-02	E0CP7	Water	2-Pentanol, 4-methyl-	*	560.000	J			
P4228-02	E0CP7	Water	Benzene, 1,2,3-trimethyl-	*	9.700	J			
P4228-02	E0CP7	Water	Benzene, 1-ethyl-2-methyl-	*	3.100	J			
P4228-02	E0CP7	Water	Benzophenone	*	13.000	J			
P4228-02	E0CP7	Water	Benzothiazole	*	3.900	J			
P4228-02	E0CP7	Water	Cyclohexanamine, N-cyclohexyl-	*	3.800	J			
P4228-02	E0CP7	Water	Ethanol, 2-(2-butoxyethoxy)-	*	2.400	J			
P4228-02	E0CP7	Water	Ethanol, 2-butoxy-	*	3.800	J			
P4228-02	E0CP7	Water	Fumaronitrile	*	18.000	J			
P4228-02	E0CP7	Water	Indane	*	2.100	J			
P4228-02	E0CP7	Water	Methanone, (1-hydroxycyclohexy	*	2.700	J			

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Hit Summary Sheet
SW-846

SDG No.: BN100424

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P4228-02	E0CP7	Water	n-Hexadecanoic acid	*	8.500	J			
P4228-02	E0CP7	Water	Octadecanoic acid	*	9.800	J			
P4228-02	E0CP7	Water	Phenol, 4,4-(1-methylethylidene)b	*	3.500	J			
P4228-02	E0CP7	Water	Pyridine, 2,4-dichloro-	*	25.000	J			
P4228-02	E0CP7	Water	Total Alkanes	*	0.000		1.9	5	ug/L
			Total Tics :		**671.90**				
P4228-02	E0CP7	Water	1-Methylnaphthalene		1.400	J	0.97	5	ug/L
P4228-02	E0CP7	Water	2-Methylnaphthalene		1.700	J	1.5	5	ug/L
			Total Svoc :		**3.10**				
			Total Concentration:		**675.00**				
Client ID :	**SLEB748**								
PB163748TB	SLEB748	water	Total Alkanes	*	0.000	D	19	50	ug/L
			Total Tics :		**0.00**				
			Total Concentration:		**0.00**				

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

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

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

Calibration Time(s): 17:22

LAB FILE ID: RRFAL1 = BN033845.D RRFAL2 = BN033846.D RRFAL3 = BN033847.D
RRFAL4 = BN033848.D RRFAL5 = BN033849.D RRFAL6 = BN033850.D

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

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

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

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

Calibration Time(s): 17:22

LAB FILE ID: RRFAL1 = BN033845.D RRFAL2 = BN033846.D RRFAL3 = BN033847.D
RRFAL4 = BN033848.D RRFAL5 = BN033849.D RRFAL6 = BN033850.D

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

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

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

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

Calibration Time(s): 17:22

LAB FILE ID: RRFAL1 = BN033845.D RRFAL2 = BN033846.D RRFAL3 = BN033847.D
RRFAL4 = BN033848.D RRFAL5 = BN033849.D RRFAL6 = BN033850.D

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

All other compounds must meet a minimum RRF of 0.010.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100424 SAS No.: BN100424 SDG NO.: BN100424

EPA Sample No.: SSTD020219 Date Analyzed: Oct 4 2024 12:00AM

Lab File ID: BN033847.D Time Analyzed: 15:20

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	200340	7.499	881178	10.26	573184	14.14
	UPPER LIMIT	400680	7.999	1762356	10.757	1146368	14.639
	LOWER LIMIT	100170	6.999	440589	9.757	286592	13.639
	EPA SAMPLE NO.						
01	SBLK807	176363	7.38	704076	10.13	460338	14.03
02	SBLK808	239001	7.38	948823	10.13	591227	14.03
03	SLCS808	227578	7.38	879569	10.13	506877	14.03
04	E0CP6	222670	7.38	875467	10.13	520939	14.03
05	E0CP7	204676	7.38	774134	10.13	446218	14.03
06	PMW-6(20240927)	245866	7.38	980719	10.13	618534	14.03
07	PMW-7S(20240927)	238056	7.38	946425	10.13	556894	14.03
08	PMW-10(20240927)	238554	7.38	941704	10.13	547781	14.03
09	FB(20240925)	243449	7.38	943406	10.13	553235	14.03
10	SBLK807	240630	7.38	922301	10.13	542264	14.03
11	SBLK787	217237	7.38	831100	10.13	485276	14.03
12	FB(20240926)	215855	7.38	801728	10.13	453584	14.03
13	PMW-7D(20240927)	219181	7.38	839419	10.13	525443	14.03
14	PMW-7D(20240927)MS	225344	7.38	886129	10.13	548942	14.03
15	PMW-7D(20240927)MSD	231751	7.38	891751	10.13	534785	14.03
16	FB(20240927)	239613	7.38	890009	10.13	503239	14.03
17	DUP(20240926)	186016	7.39	796498	10.13	516669	14.03
18	MW-2(MCUA)(20240926)	242049	7.38	934070	10.13	556833	14.03
19	PMW-5(20240926)	197053	7.39	794943	10.19	467080	14.03
20	MW-1(MCUA)(20240926)	230598	7.38	898340	10.13	541264	14.03
21	PMW-3(20240927)	240050	7.38	915344	10.13	529496	14.03
22	PMW-4(20240927)	230550	7.38	874476	10.13	521264	14.03
23	SBLK786	238115	7.38	921838	10.13	540093	14.03

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100424 SAS No.: BN100424 SDG NO.: BN100424

EPA Sample No.: SSTD020219 Date Analyzed: Oct 5 2024 12:00AM

Lab File ID: BN033847.D Time Analyzed: 09:06

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	200340	7.499	881178	10.26	573184	14.14
	UPPER LIMIT	400680	7.999	1762356	10.757	1146368	14.639
	LOWER LIMIT	100170	6.999	440589	9.757	286592	13.639
	EPA SAMPLE NO.						
24	EB(20240927)	270294	7.38	1.008e+0	10.13	597252	14.03
25	PMW-8S(20240926)	227902	7.38	852883	10.13	493199	14.03
26	E1H08MS	237032	7.38	895404	10.13	535968	14.03
27	E1H08MSD	237003	7.38	887218	10.13	519921	14.03
28	PMW-1(20240925)	227073	7.38	877111	10.13	529463	14.03
29	PMW-2(20240925)	236716	7.38	903333	10.13	516314	14.03
30	SLCS787	201897	7.38	756859	10.13	443675	14.03
31	SLCS807	156582	7.38	632873	10.13	407160	14.03
32	PMW-9S(20240926)	218414	7.39	917385	10.13	553345	14.03
33	PMW-9D(20240926)	221362	7.38	877449	10.14	568934	14.03
34	PMW-8D(20240926)	242626	7.38	955459	10.13	600376	14.03
35	SBLK831	173693	7.38	679592	10.13	421409	14.03
36	SLEB748	220802	7.38	876644	10.13	549963	14.03
37	SLCS786	192198	7.38	759111	10.13	484097	14.03
38	SLCS831	160166	7.38	639066	10.13	402215	14.03

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.: BN100424 SAS No.: BN100424 SDG NO.: BN100424

EPA Sample No.: SSTD020332 Date Analyzed: Oct 4 2024 12:00AM

Lab File ID: BN034390.D Time Analyzed: 15:20

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	203993	7.381	815680	10.13	486598	14.03
	UPPER LIMIT	407986	7.881	1631360	10.634	973196	14.534
	LOWER LIMIT	101996.5	6.881	407840	9.634	243299	13.534
	EPA SAMPLE NO.						
01	SBLK807	176363	7.38	704076	10.13	460338	14.03
02	SBLK808	239001	7.38	948823	10.13	591227	14.03
03	SLCS808	227578	7.38	879569	10.13	506877	14.03
04	E0CP6	222670	7.38	875467	10.13	520939	14.03
05	E0CP7	204676	7.38	774134	10.13	446218	14.03
06	PMW-6(20240927)	245866	7.38	980719	10.13	618534	14.03
07	PMW-7S(20240927)	238056	7.38	946425	10.13	556894	14.03
08	PMW-10(20240927)	238554	7.38	941704	10.13	547781	14.03
09	FB(20240925)	243449	7.38	943406	10.13	553235	14.03

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.: BN100424 SAS No.: BN100424 SDG NO.: BN100424

EPA Sample No.: SSTD020333 Date Analyzed: Oct 4 2024 12:00AM

Lab File ID: BN034400.D Time Analyzed: 22:38

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	215030	7.381	821094	10.13	472230	14.03
	UPPER LIMIT	430060	7.881	1642188	10.634	944460	14.534
	LOWER LIMIT	107515	6.881	410547	9.634	236115	13.534
	EPA SAMPLE NO.						
01	SBLK807	240630	7.38	922301	10.13	542264	14.03
02	SBLK787	217237	7.38	831100	10.13	485276	14.03
03	FB(20240926)	215855	7.38	801728	10.13	453584	14.03
04	PMW-7D(20240927)	219181	7.38	839419	10.13	525443	14.03
05	PMW-7D(20240927)MS	225344	7.38	886129	10.13	548942	14.03
06	PMW-7D(20240927)MSD	231751	7.38	891751	10.13	534785	14.03
07	FB(20240927)	239613	7.38	890009	10.13	503239	14.03
08	DUP(20240926)	186016	7.39	796498	10.13	516669	14.03
09	MW-2(MCUA)(20240926)	242049	7.38	934070	10.13	556833	14.03
10	PMW-5(20240926)	197053	7.39	794943	10.19	467080	14.03
11	MW-1(MCUA)(20240926)	230598	7.38	898340	10.13	541264	14.03
12	PMW-3(20240927)	240050	7.38	915344	10.13	529496	14.03
13	PMW-4(20240927)	230550	7.38	874476	10.13	521264	14.03

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.: BN100424 SAS No.: BN100424 SDG NO.: BN100424

EPA Sample No.: SSTD020334 Date Analyzed: Oct 5 2024 12:00AM

Lab File ID: BN034414.D Time Analyzed: 08:27

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	268107	7.381	1.07688e+0(	10.13	656664	14.03
	UPPER LIMIT	536214	7.881	2153760	10.634	1313328	14.534
	LOWER LIMIT	134053.5	6.881	538440	9.634	328332	13.534
	EPA SAMPLE NO.						
01	SBLK786	238115	7.38	921838	10.13	540093	14.03
02	EB(20240927)	270294	7.38	1.008e+0	10.13	597252	14.03
03	PMW-8S(20240926)	227902	7.38	852883	10.13	493199	14.03
04	E1H08MS	237032	7.38	895404	10.13	535968	14.03
05	E1H08MSD	237003	7.38	887218	10.13	519921	14.03
06	PMW-1(20240925)	227073	7.38	877111	10.13	529463	14.03
07	PMW-2(20240925)	236716	7.38	903333	10.13	516314	14.03
08	SLCS787	201897	7.38	756859	10.13	443675	14.03
09	SLCS807	156582	7.38	632873	10.13	407160	14.03
10	PMW-9S(20240926)	218414	7.39	917385	10.13	553345	14.03
11	PMW-9D(20240926)	221362	7.38	877449	10.14	568934	14.03
12	PMW-8D(20240926)	242626	7.38	955459	10.13	600376	14.03

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.: BN100424 SAS No.: BN100424 SDG NO.: BN100424

EPA Sample No.: SSTD020335 Date Analyzed: Oct 5 2024 12:00AM

Lab File ID: BN034427.D Time Analyzed: 18:16

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	196007	7.375	772996	10.13	491444	14.03
	UPPER LIMIT	392014	7.875	1545992	10.634	982888	14.534
	LOWER LIMIT	98003.5	6.875	386498	9.634	245722	13.534
	EPA SAMPLE NO.						
01	SBLK831	173693	7.38	679592	10.13	421409	14.03
02	SLEB748	220802	7.38	876644	10.13	549963	14.03
03	SLCS786	192198	7.38	759111	10.13	484097	14.03
04	SLCS831	160166	7.38	639066	10.13	402215	14.03

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.: BN100424 SAS No.: BN100424 SDG NO.: BN100424

EPA Sample No.: SSTD020219 Date Analyzed: Oct 4 2024 12:00AM

Lab File ID: BN033847.D Time Analyzed: 15:20

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.22678e+0(	16.898	1.2023e+0	21.127	1.43568e+0(	23.91
	UPPER LIMIT	2453560	17.398	2404600	21.627	2871360	24.41
	LOWER LIMIT	613390	16.398	601150	20.627	717840	23.41
	EPA SAMPLE NO.						
01	SBLK807	1.00266	16.79	962249	21.03	955174	23.73
02	SBLK808	1.18122	16.79	905709	21.03	988789	23.73
03	SLCS808	898370	16.79	742078	21.03	882075	23.73
04	E0CP6	945724	16.79	743394	21.03	887161	23.73
05	E0CP7	904356	16.79	866530	21.03	1.03055e+	23.73
06	PMW-6(20240927)	1.20173	16.79	872932	21.02	953882	23.73
07	PMW-7S(20240927)	1.01611	16.79	804684	21.02	934115	23.73
08	PMW-10(20240927)	982336	16.79	785991	21.02	949455	23.73
09	FB(20240925)	1.01319	16.79	784242	21.02	931087	23.73
10	SBLK807	969205	16.79	750780	21.02	890999	23.73
11	SBLK787	966667	16.79	964832	21.02	1.16753e+	23.72
12	FB(20240926)	888300	16.79	864676	21.02	1.08933e+	23.73
13	PMW-7D(20240927)	1.08325	16.79	1.09182e+	21.02	1.34138e+	23.73
14	PMW-7D(20240927)MS	1.13006	16.79	1.09301e+	21.03	1.35962e+	23.73
15	PMW-7D(20240927)MSD	1.08052	16.79	1.01792e+	21.03	1.28297e+	23.73
16	FB(20240927)	928514	16.79	845086	21.02	1.02733e+	23.72
17	DUP(20240926)	1.13608	16.79	1.18864e+	21.02	1.2861e+0	23.73
18	MW-2(MCUA)(20240926)	1.04802	16.79	867835	21.02	1.05004e+	23.73
19	PMW-5(20240926)	870600	16.79	805489	21.02	976318	23.73
20	MW-1(MCUA)(20240926)	1.00606	16.79	870683	21.02	1.05787e+	23.73
21	PMW-3(20240927)	1.04056	16.79	979056	21.02	1.16372e+	23.73

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100424 SAS No.: BN100424 SDG NO.: BN100424

EPA Sample No.: SSTD020219 Date Analyzed: Oct 5 2024 12:00AM

Lab File ID: BN033847.D Time Analyzed: 06:29

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.22678e+0(	16.898	1.2023e+0	21.127	1.43568e+0(	23.91
	UPPER LIMIT	2453560	17.398	2404600	21.627	2871360	24.41
	LOWER LIMIT	613390	16.398	601150	20.627	717840	23.41
	EPA SAMPLE NO.						
22	PMW-4(20240927)	1.06598	16.79	1.11579e+	21.02	1.34283e+	23.73
23	SBLK786	1.01488	16.79	910557	21.02	1.08845e+	23.73
24	EB(20240927)	1.15467	16.79	1.13531e+	21.02	1.38417e+	23.73
25	PMW-8S(20240926)	946773	16.79	923933	21.02	1.12126e+	23.73
26	E1H08MS	1.03549	16.79	898484	21.03	1.09234e+	23.73
27	E1H08MSD	1.03301	16.79	976877	21.03	1.18686e+	23.73
28	PMW-1(20240925)	1.00582	16.79	914502	21.02	1.09062e+	23.73
29	PMW-2(20240925)	964476	16.79	917059	21.02	1.1352e+0	23.73
30	SLCS787	839350	16.79	766225	21.02	876207	23.73
31	SLCS807	847552	16.79	891818	21.02	974392	23.73
32	PMW-9S(20240926)	1.14707	16.79	1.06422e+	21.02	1.26475e+	23.73
33	PMW-9D(20240926)	1.1592e	16.79	1.20028e+	21.02	1.31452e+	23.73
34	PMW-8D(20240926)	1.24673	16.79	1.17174e+	21.02	1.24695e+	23.73
35	SBLK831	869905	16.79	843613	21.02	920871	23.73
36	SLEB748	1.15651	16.79	1.044e+00	21.02	1.13574e+	23.72
37	SLCS786	986961	16.79	999561	21.02	1.10542e+	23.72
38	SLCS831	856036	16.79	883625	21.02	993709	23.72

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100424 SAS No.: BN100424 SDG NO.: BN100424

EPA Sample No.: SSTD020219 Date Analyzed: Oct 5 2024 12:00AM

Lab File ID: BN033847.D Time Analyzed: 20:13

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.22678e+0(	16.898	1.2023e+0	21.127	1.43568e+0(	23.91
UPPER LIMIT	2453560	17.398	2404600	21.627	2871360	24.41
LOWER LIMIT	613390	16.398	601150	20.627	717840	23.41
EPA SAMPLE NO.						

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.: BN100424 SAS No.: BN100424 SDG NO.: BN100424

EPA Sample No.: SSTD020332 Date Analyzed: Oct 4 2024 12:00AM

Lab File ID: BN034390.D Time Analyzed: 15:20

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	924076	16.792	780737	21.027	930699	23.739
	UPPER LIMIT	1848152	17.292	1561474	21.527	1861398	24.239
	LOWER LIMIT	462038	16.292	390368.5	20.527	465349.5	23.239
	EPA SAMPLE NO.						
01	SBLK807	1.00266	16.79	962249	21.03	955174	23.73
02	SBLK808	1.18122	16.79	905709	21.03	988789	23.73
03	SLCS808	898370	16.79	742078	21.03	882075	23.73
04	E0CP6	945724	16.79	743394	21.03	887161	23.73
05	E0CP7	904356	16.79	866530	21.03	1.03055e+	23.73
06	PMW-6(20240927)	1.20173	16.79	872932	21.02	953882	23.73
07	PMW-7S(20240927)	1.01611	16.79	804684	21.02	934115	23.73
08	PMW-10(20240927)	982336	16.79	785991	21.02	949455	23.73
09	FB(20240925)	1.01319	16.79	784242	21.02	931087	23.73

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100424 SAS No.: BN100424 SDG NO.: BN100424

EPA Sample No.: SSTD020333 Date Analyzed: Oct 4 2024 12:00AM

Lab File ID: BN034400.D Time Analyzed: 22:38

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	871316	16.787	832882	21.022	1.03998e+0(	23.727
	UPPER LIMIT	1742632	17.287	1665764	21.522	2079960	24.227
	LOWER LIMIT	435658	16.287	416441	20.522	519990	23.227
	EPA SAMPLE NO.						
01	SBLK807	969205	16.79	750780	21.02	890999	23.73
02	SBLK787	966667	16.79	964832	21.02	1.16753e+	23.72
03	FB(20240926)	888300	16.79	864676	21.02	1.08933e+	23.73
04	PMW-7D(20240927)	1.08325	16.79	1.09182e+	21.02	1.34138e+	23.73
05	PMW-7D(20240927)MS	1.13006	16.79	1.09301e+	21.03	1.35962e+	23.73
06	PMW-7D(20240927)MSD	1.08052	16.79	1.01792e+	21.03	1.28297e+	23.73
07	FB(20240927)	928514	16.79	845086	21.02	1.02733e+	23.72
08	DUP(20240926)	1.13608	16.79	1.18864e+	21.02	1.2861e+0	23.73
09	MW-2(MCUA)(20240926)	1.04802	16.79	867835	21.02	1.05004e+	23.73
10	PMW-5(20240926)	870600	16.79	805489	21.02	976318	23.73
11	MW-1(MCUA)(20240926)	1.00606	16.79	870683	21.02	1.05787e+	23.73
12	PMW-3(20240927)	1.04056	16.79	979056	21.02	1.16372e+	23.73
13	PMW-4(20240927)	1.06598	16.79	1.11579e+	21.02	1.34283e+	23.73

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100424 SAS No.: BN100424 SDG NO.: BN100424

EPA Sample No.: SSTD020334 Date Analyzed: Oct 5 2024 12:00AM

Lab File ID: BN034414.D Time Analyzed: 08:27

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.27417e+0(	16.786	1.05096e+	21.021	1.2229e+00(	23.727
	UPPER LIMIT	2548340	17.286	2101920	21.521	2445800	24.227
	LOWER LIMIT	637085	16.286	525480	20.521	611450	23.227
	EPA SAMPLE NO.						
01	SBLK786	1.01488	16.79	910557	21.02	1.08845e+	23.73
02	EB(20240927)	1.15467	16.79	1.13531e+	21.02	1.38417e+	23.73
03	PMW-8S(20240926)	946773	16.79	923933	21.02	1.12126e+	23.73
04	E1H08MS	1.03549	16.79	898484	21.03	1.09234e+	23.73
05	E1H08MSD	1.03301	16.79	976877	21.03	1.18686e+	23.73
06	PMW-1(20240925)	1.00582	16.79	914502	21.02	1.09062e+	23.73
07	PMW-2(20240925)	964476	16.79	917059	21.02	1.1352e+0	23.73
08	SLCS787	839350	16.79	766225	21.02	876207	23.73
09	SLCS807	847552	16.79	891818	21.02	974392	23.73
10	PMW-9S(20240926)	1.14707	16.79	1.06422e+	21.02	1.26475e+	23.73
11	PMW-9D(20240926)	1.1592e	16.79	1.20028e+	21.02	1.31452e+	23.73
12	PMW-8D(20240926)	1.24673	16.79	1.17174e+	21.02	1.24695e+	23.73

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100424 SAS No.: BN100424 SDG NO.: BN100424

EPA Sample No.: SSTD020335 Date Analyzed: Oct 5 2024 12:00AM

Lab File ID: BN034427.D Time Analyzed: 18:16

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.02652e+0(	16.786	1.02678e+	21.021	1.15293e+0(	23.727
	UPPER LIMIT	2053040	17.286	2053560	21.521	2305860	24.227
	LOWER LIMIT	513260	16.286	513390	20.521	576465	23.227
	EPA SAMPLE NO.						
01	SBLK831	869905	16.79	843613	21.02	920871	23.73
02	SLEB748	1.15651	16.79	1.044e+00	21.02	1.13574e+	23.72
03	SLCS786	986961	16.79	999561	21.02	1.10542e+	23.72
04	SLCS831	856036	16.79	883625	21.02	993709	23.72

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB163786BS	1,4-Dioxane	16	5	ug/L	31				0	0	
	Benzaldehyde	40	11	ug/L	28				0	0	
	Pyridine	40	10	ug/L	25				0	0	
	Phenol	40	11	ug/L	28				0	0	
	Bis(2-chloroethyl)ether	40	12	ug/L	30				0	0	
	2-Chlorophenol	40	12	ug/L	30				0	0	
	2-Methylphenol	40	11	ug/L	28				0	0	
	2,2-oxybis(1-Chloropropane)	40	10	ug/L	25				0	0	
	Acetophenone	40	11	ug/L	28				0	0	
	4-Methylphenol	40	11	ug/L	28				0	0	
	N-Nitroso-di-n-propylamine	40	10	ug/L	25				0	0	
	Hexachloroethane	40	12	ug/L	30				0	0	
	Nitrobenzene	40	12	ug/L	30				0	0	
	Isophorone	40	11	ug/L	28				0	0	
	2-Nitrophenol	40	13	ug/L	33				0	0	
	2,4-Dimethylphenol	40	8.9	ug/L	22				0	0	
	Bis(2-chloroethoxy)methane	40	12	ug/L	30				0	0	
	2,4-Dichlorophenol	40	13	ug/L	33				0	0	
	Naphthalene	40	13	ug/L	33				0	0	
	4-Chloroaniline	40	9.5	ug/L	24				0	0	
	Hexachlorobutadiene	40	14	ug/L	35				0	0	
	Caprolactam	40	9.6	ug/L	24				0	0	
	4-Chloro-3-methylphenol	40	11	ug/L	28				0	0	
	1-Methylnaphthalene	40	12	ug/L	30				0	0	
	2-Methylnaphthalene	40	12	ug/L	30				0	0	
	Hexachlorocyclopentadiene	40	9.8	ug/L	25				0	0	
	2,4,6-Trichlorophenol	40	13	ug/L	33				0	0	
	2,4,5-Trichlorophenol	40	12	ug/L	30				0	0	
	1,1'-Biphenyl	40	13	ug/L	33				0	0	
	2-Chloronaphthalene	40	13	ug/L	33				0	0	
	2-Nitroaniline	40	9.8	ug/L	25				0	0	
	Dimethylphthalate	40	13	ug/L	33				0	0	
	2,6-Dinitrotoluene	40	12	ug/L	30				0	0	
	Acenaphthylene	40	13	ug/L	33				0	0	
	3-Nitroaniline	40	11	ug/L	28				0	0	
	Acenaphthene	40	12	ug/L	30				0	0	
	2,4-Dinitrophenol	40	8	ug/L	20				0	0	
	4-Nitrophenol	40	9.5	ug/L	24				0	0	
	Dibenzofuran	40	13	ug/L	33				0	0	
	2,4-Dinitrotoluene	40	12	ug/L	30				0	0	
	Diethylphthalate	40	12	ug/L	30				0	0	
	Fluorene	40	13	ug/L	33				0	0	
	4-Chlorophenyl-phenylether	40	13	ug/L	33				0	0	
	4-Nitroaniline	40	11	ug/L	28				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB163786BS	4,6-Dinitro-2-methylphenol	40	12	ug/L	30				0	0	
	N-Nitrosodiphenylamine	40	13	ug/L	33				0	0	
	1,2,4,5-Tetrachlorobenzene	40	14	ug/L	35				0	0	
	4-Bromophenyl-phenylether	40	14	ug/L	35				0	0	
	Hexachlorobenzene	40	14	ug/L	35				0	0	
	Atrazine	40	9.4	ug/L	23				0	0	
	Pentachlorophenol	40	11	ug/L	28				0	0	
	Phenanthrene	40	13	ug/L	33				0	0	
	Pentachlorobenzene	40	13	ug/L	33				0	0	
	Anthracene	40	13	ug/L	33				0	0	
	1,2,3,4-Tetrachlorobenzene	40	14	ug/L	35				0	0	
	Carbazole	40	13	ug/L	33				0	0	
	Di-n-butylphthalate	40	12	ug/L	30				0	0	
	Fluoranthene	40	13	ug/L	33				0	0	
	Pyrene	40	13	ug/L	33				0	0	
	Butylbenzylphthalate	40	12	ug/L	30				0	0	
	3,3'-Dichlorobenzidine	40	12	ug/L	30				0	0	
	Benzo(a)anthracene	40	13	ug/L	33				0	0	
	Chrysene	40	13	ug/L	33				0	0	
	Bis(2-ethylhexyl)phthalate	40	12	ug/L	30				0	0	
	Di-n-octylphthalate	40	12	ug/L	30				0	0	
	Benzo(b)fluoranthene	40	14	ug/L	35				0	0	
	Benzo(k)fluoranthene	40	14	ug/L	35				0	0	
	Benzo(a)pyrene	40	12	ug/L	30				0	0	
	Indeno(1,2,3-cd)pyrene	40	13	ug/L	33				0	0	
	Dibenzo(a,h)anthracene	40	13	ug/L	33				0	0	
	Benzo(g,h,i)perylene	40	13	ug/L	33				0	0	
	2,3,4,6-Tetrachlorophenol	40	13	ug/L	33				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB163787BS	1,4-Dioxane	16	6	ug/L	38				0	0	
	Benzaldehyde	40	13	ug/L	33				0	0	
	Pyridine	40	12	ug/L	30				0	0	
	Phenol	40	12	ug/L	30				0	0	
	Bis(2-chloroethyl)ether	40	14	ug/L	35				0	0	
	2-Chlorophenol	40	14	ug/L	35				0	0	
	2-Methylphenol	40	12	ug/L	30				0	0	
	2,2-oxybis(1-Chloropropane)	40	12	ug/L	30				0	0	
	Acetophenone	40	12	ug/L	30				0	0	
	4-Methylphenol	40	12	ug/L	30				0	0	
	N-Nitroso-di-n-propylamine	40	11	ug/L	28				0	0	
	Hexachloroethane	40	14	ug/L	35				0	0	
	Nitrobenzene	40	14	ug/L	35				0	0	
	Isophorone	40	13	ug/L	33				0	0	
	2-Nitrophenol	40	16	ug/L	40				0	0	
	2,4-Dimethylphenol	40	11	ug/L	28				0	0	
	Bis(2-chloroethoxy)methane	40	14	ug/L	35				0	0	
	2,4-Dichlorophenol	40	15	ug/L	38				0	0	
	Naphthalene	40	15	ug/L	38				0	0	
	4-Chloroaniline	40	11	ug/L	28				0	0	
	Hexachlorobutadiene	40	17	ug/L	43				0	0	
	Caprolactam	40	9.5	ug/L	24				0	0	
	4-Chloro-3-methylphenol	40	12	ug/L	30				0	0	
	1-Methylnaphthalene	40	14	ug/L	35				0	0	
	2-Methylnaphthalene	40	14	ug/L	35				0	0	
	Hexachlorocyclopentadiene	40	14	ug/L	35				0	0	
	2,4,6-Trichlorophenol	40	16	ug/L	40				0	0	
	2,4,5-Trichlorophenol	40	15	ug/L	38				0	0	
	1,1'-Biphenyl	40	16	ug/L	40				0	0	
	2-Chloronaphthalene	40	16	ug/L	40				0	0	
	2-Nitroaniline	40	12	ug/L	30				0	0	
	Dimethylphthalate	40	14	ug/L	35				0	0	
	2,6-Dinitrotoluene	40	14	ug/L	35				0	0	
	Acenaphthylene	40	15	ug/L	38				0	0	
	3-Nitroaniline	40	13	ug/L	33				0	0	
	Acenaphthene	40	15	ug/L	38				0	0	
	2,4-Dinitrophenol	40	10	ug/L	25				0	0	
	4-Nitrophenol	40	10	ug/L	25				0	0	
	Dibenzofuran	40	15	ug/L	38				0	0	
	2,4-Dinitrotoluene	40	14	ug/L	35				0	0	
	Diethylphthalate	40	14	ug/L	35				0	0	
	Fluorene	40	14	ug/L	35				0	0	
	4-Chlorophenyl-phenylether	40	15	ug/L	38				0	0	
	4-Nitroaniline	40	12	ug/L	30				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB163787BS	4,6-Dinitro-2-methylphenol	40	15	ug/L	38				0	0	
	N-Nitrosodiphenylamine	40	16	ug/L	40				0	0	
	1,2,4,5-Tetrachlorobenzene	40	17	ug/L	43				0	0	
	4-Bromophenyl-phenylether	40	17	ug/L	43				0	0	
	Hexachlorobenzene	40	17	ug/L	43				0	0	
	Atrazine	40	11	ug/L	28				0	0	
	Pentachlorophenol	40	14	ug/L	35				0	0	
	Phenanthrene	40	16	ug/L	40				0	0	
	Pentachlorobenzene	40	17	ug/L	43				0	0	
	Anthracene	40	15	ug/L	38				0	0	
	1,2,3,4-Tetrachlorobenzene	40	18	ug/L	45				0	0	
	Carbazole	40	15	ug/L	38				0	0	
	Di-n-butylphthalate	40	14	ug/L	35				0	0	
	Fluoranthene	40	16	ug/L	40				0	0	
	Pyrene	40	16	ug/L	40				0	0	
	Butylbenzylphthalate	40	14	ug/L	35				0	0	
	3,3'-Dichlorobenzidine	40	15	ug/L	38				0	0	
	Benzo(a)anthracene	40	15	ug/L	38				0	0	
	Chrysene	40	16	ug/L	40				0	0	
	Bis(2-ethylhexyl)phthalate	40	15	ug/L	38				0	0	
	Di-n-octylphthalate	40	14	ug/L	35				0	0	
	Benzo(b)fluoranthene	40	16	ug/L	40				0	0	
	Benzo(k)fluoranthene	40	16	ug/L	40				0	0	
	Benzo(a)pyrene	40	15	ug/L	38				0	0	
	Indeno(1,2,3-cd)pyrene	40	16	ug/L	40				0	0	
	Dibenzo(a,h)anthracene	40	16	ug/L	40				0	0	
	Benzo(g,h,i)perylene	40	17	ug/L	43				0	0	
	2,3,4,6-Tetrachlorophenol	40	15	ug/L	38				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB163807BS	1,4-Dioxane	16	5.3	ug/L	33				0	0	
	Benzaldehyde	40	12	ug/L	30				0	0	
	Pyridine	40	11	ug/L	28				0	0	
	Phenol	40	12	ug/L	30				0	0	
	Bis(2-chloroethyl)ether	40	12	ug/L	30				0	0	
	2-Chlorophenol	40	13	ug/L	33				0	0	
	2-Methylphenol	40	12	ug/L	30				0	0	
	2,2-oxybis(1-Chloropropane)	40	11	ug/L	28				0	0	
	Acetophenone	40	12	ug/L	30				0	0	
	4-Methylphenol	40	12	ug/L	30				0	0	
	N-Nitroso-di-n-propylamine	40	11	ug/L	28				0	0	
	Hexachloroethane	40	13	ug/L	33				0	0	
	Nitrobenzene	40	12	ug/L	30				0	0	
	Isophorone	40	12	ug/L	30				0	0	
	2-Nitrophenol	40	14	ug/L	35				0	0	
	2,4-Dimethylphenol	40	9.7	ug/L	24				0	0	
	Bis(2-chloroethoxy)methane	40	13	ug/L	33				0	0	
	2,4-Dichlorophenol	40	14	ug/L	35				0	0	
	Naphthalene	40	14	ug/L	35				0	0	
	4-Chloroaniline	40	10	ug/L	25				0	0	
	Hexachlorobutadiene	40	14	ug/L	35				0	0	
	Caprolactam	40	10	ug/L	25				0	0	
	4-Chloro-3-methylphenol	40	12	ug/L	30				0	0	
	1-Methylnaphthalene	40	13	ug/L	33				0	0	
	2-Methylnaphthalene	40	13	ug/L	33				0	0	
	Hexachlorocyclopentadiene	40	11	ug/L	28				0	0	
	2,4,6-Trichlorophenol	40	13	ug/L	33				0	0	
	2,4,5-Trichlorophenol	40	14	ug/L	35				0	0	
	1,1'-Biphenyl	40	14	ug/L	35				0	0	
	2-Chloronaphthalene	40	14	ug/L	35				0	0	
	2-Nitroaniline	40	10	ug/L	25				0	0	
	Dimethylphthalate	40	14	ug/L	35				0	0	
	2,6-Dinitrotoluene	40	13	ug/L	33				0	0	
	Acenaphthylene	40	13	ug/L	33				0	0	
	3-Nitroaniline	40	11	ug/L	28				0	0	
	Acenaphthene	40	13	ug/L	33				0	0	
	2,4-Dinitrophenol	40	9.1	ug/L	23				0	0	
	4-Nitrophenol	40	9.8	ug/L	25				0	0	
	Dibenzofuran	40	13	ug/L	33				0	0	
	2,4-Dinitrotoluene	40	13	ug/L	33				0	0	
	Diethylphthalate	40	13	ug/L	33				0	0	
	Fluorene	40	13	ug/L	33				0	0	
	4-Chlorophenyl-phenylether	40	13	ug/L	33				0	0	
	4-Nitroaniline	40	12	ug/L	30				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB163807BS	4,6-Dinitro-2-methylphenol	40	13	ug/L	33				0	0	
	N-Nitrosodiphenylamine	40	14	ug/L	35				0	0	
	1,2,4,5-Tetrachlorobenzene	40	14	ug/L	35				0	0	
	4-Bromophenyl-phenylether	40	14	ug/L	35				0	0	
	Hexachlorobenzene	40	15	ug/L	38				0	0	
	Atrazine	40	9.9	ug/L	25				0	0	
	Pentachlorophenol	40	13	ug/L	33				0	0	
	Phenanthrene	40	14	ug/L	35				0	0	
	Pentachlorobenzene	40	14	ug/L	35				0	0	
	Anthracene	40	13	ug/L	33				0	0	
	1,2,3,4-Tetrachlorobenzene	40	14	ug/L	35				0	0	
	Carbazole	40	14	ug/L	35				0	0	
	Di-n-butylphthalate	40	13	ug/L	33				0	0	
	Fluoranthene	40	13	ug/L	33				0	0	
	Pyrene	40	13	ug/L	33				0	0	
	Butylbenzylphthalate	40	12	ug/L	30				0	0	
	3,3'-Dichlorobenzidine	40	13	ug/L	33				0	0	
	Benzo(a)anthracene	40	13	ug/L	33				0	0	
	Chrysene	40	13	ug/L	33				0	0	
	Bis(2-ethylhexyl)phthalate	40	13	ug/L	33				0	0	
	Di-n-octylphthalate	40	13	ug/L	33				0	0	
	Benzo(b)fluoranthene	40	14	ug/L	35				0	0	
	Benzo(k)fluoranthene	40	15	ug/L	38				0	0	
	Benzo(a)pyrene	40	13	ug/L	33				0	0	
	Indeno(1,2,3-cd)pyrene	40	13	ug/L	33				0	0	
	Dibenzo(a,h)anthracene	40	13	ug/L	33				0	0	
	Benzo(g,h,i)perylene	40	13	ug/L	33				0	0	
	2,3,4,6-Tetrachlorophenol	40	13	ug/L	33				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB163808BS	1,4-Dioxane	16	5.3	ug/L	33				0	0	
	Benzaldehyde	40	11	ug/L	28				0	0	
	Pyridine	40	11	ug/L	28				0	0	
	Phenol	40	11	ug/L	28				0	0	
	Bis(2-chloroethyl)ether	40	12	ug/L	30				0	0	
	2-Chlorophenol	40	13	ug/L	33				0	0	
	2-Methylphenol	40	11	ug/L	28				0	0	
	2,2-oxybis(1-Chloropropane)	40	11	ug/L	28				0	0	
	Acetophenone	40	11	ug/L	28				0	0	
	4-Methylphenol	40	11	ug/L	28				0	0	
	N-Nitroso-di-n-propylamine	40	10	ug/L	25				0	0	
	Hexachloroethane	40	13	ug/L	33				0	0	
	Nitrobenzene	40	12	ug/L	30				0	0	
	Isophorone	40	11	ug/L	28				0	0	
	2-Nitrophenol	40	13	ug/L	33				0	0	
	2,4-Dimethylphenol	40	10	ug/L	25				0	0	
	Bis(2-chloroethoxy)methane	40	12	ug/L	30				0	0	
	2,4-Dichlorophenol	40	14	ug/L	35				0	0	
	Naphthalene	40	13	ug/L	33				0	0	
	4-Chloroaniline	40	10	ug/L	25				0	0	
	Hexachlorobutadiene	40	14	ug/L	35				0	0	
	Caprolactam	40	8.1	ug/L	20				0	0	
	4-Chloro-3-methylphenol	40	11	ug/L	28				0	0	
	1-Methylnaphthalene	40	12	ug/L	30				0	0	
	2-Methylnaphthalene	40	13	ug/L	33				0	0	
	Hexachlorocyclopentadiene	40	10	ug/L	25				0	0	
	2,4,6-Trichlorophenol	40	14	ug/L	35				0	0	
	2,4,5-Trichlorophenol	40	14	ug/L	35				0	0	
	1,1'-Biphenyl	40	14	ug/L	35				0	0	
	2-Chloronaphthalene	40	14	ug/L	35				0	0	
	2-Nitroaniline	40	10	ug/L	25				0	0	
	Dimethylphthalate	40	12	ug/L	30				0	0	
	2,6-Dinitrotoluene	40	12	ug/L	30				0	0	
	Acenaphthylene	40	13	ug/L	33				0	0	
	3-Nitroaniline	40	11	ug/L	28				0	0	
	Acenaphthene	40	13	ug/L	33				0	0	
	2,4-Dinitrophenol	40	4.1	ug/L	10				0	0	
	4-Nitrophenol	40	8.2	ug/L	21				0	0	
	Dibenzofuran	40	13	ug/L	33				0	0	
	2,4-Dinitrotoluene	40	11	ug/L	28				0	0	
	Diethylphthalate	40	11	ug/L	28				0	0	
	Fluorene	40	13	ug/L	33				0	0	
	4-Chlorophenyl-phenylether	40	13	ug/L	33				0	0	
	4-Nitroaniline	40	10	ug/L	25				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB163808BS	4,6-Dinitro-2-methylphenol	40	9.8	ug/L	25				0	0	
	N-Nitrosodiphenylamine	40	15	ug/L	38				0	0	
	1,2,4,5-Tetrachlorobenzene	40	15	ug/L	38				0	0	
	4-Bromophenyl-phenylether	40	15	ug/L	38				0	0	
	Hexachlorobenzene	40	15	ug/L	38				0	0	
	Atrazine	40	9.1	ug/L	23				0	0	
	Pentachlorophenol	40	12	ug/L	30				0	0	
	Phenanthrene	40	14	ug/L	35				0	0	
	Pentachlorobenzene	40	16	ug/L	40				0	0	
	Anthracene	40	13	ug/L	33				0	0	
	1,2,3,4-Tetrachlorobenzene	40	17	ug/L	43				0	0	
	Carbazole	40	12	ug/L	30				0	0	
	Di-n-butylphthalate	40	12	ug/L	30				0	0	
	Fluoranthene	40	15	ug/L	38				0	0	
	Pyrene	40	14	ug/L	35				0	0	
	Butylbenzylphthalate	40	12	ug/L	30				0	0	
	3,3'-Dichlorobenzidine	40	12	ug/L	30				0	0	
	Benzo(a)anthracene	40	13	ug/L	33				0	0	
	Chrysene	40	13	ug/L	33				0	0	
	Bis(2-ethylhexyl)phthalate	40	12	ug/L	30				0	0	
	Di-n-octylphthalate	40	12	ug/L	30				0	0	
	Benzo(b)fluoranthene	40	13	ug/L	33				0	0	
	Benzo(k)fluoranthene	40	14	ug/L	35				0	0	
	Benzo(a)pyrene	40	13	ug/L	33				0	0	
	Indeno(1,2,3-cd)pyrene	40	15	ug/L	38				0	0	
	Dibenzo(a,h)anthracene	40	15	ug/L	38				0	0	
	Benzo(g,h,i)perylene	40	16	ug/L	40				0	0	
	2,3,4,6-Tetrachlorophenol	40	13	ug/L	33				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB163831BS	1,4-Dioxane	16	5.3	ug/L	33				0	0	
	Benzaldehyde	40	12	ug/L	30				0	0	
	Pyridine	40	11	ug/L	28				0	0	
	Phenol	40	11	ug/L	28				0	0	
	Bis(2-chloroethyl)ether	40	12	ug/L	30				0	0	
	2-Chlorophenol	40	13	ug/L	33				0	0	
	2-Methylphenol	40	12	ug/L	30				0	0	
	2,2-oxybis(1-Chloropropane)	40	11	ug/L	28				0	0	
	Acetophenone	40	12	ug/L	30				0	0	
	4-Methylphenol	40	12	ug/L	30				0	0	
	N-Nitroso-di-n-propylamine	40	11	ug/L	28				0	0	
	Hexachloroethane	40	13	ug/L	33				0	0	
	Nitrobenzene	40	12	ug/L	30				0	0	
	Isophorone	40	12	ug/L	30				0	0	
	2-Nitrophenol	40	14	ug/L	35				0	0	
	2,4-Dimethylphenol	40	9.7	ug/L	24				0	0	
	Bis(2-chloroethoxy)methane	40	13	ug/L	33				0	0	
	2,4-Dichlorophenol	40	14	ug/L	35				0	0	
	Naphthalene	40	14	ug/L	35				0	0	
	4-Chloroaniline	40	10	ug/L	25				0	0	
	Hexachlorobutadiene	40	14	ug/L	35				0	0	
	Caprolactam	40	10	ug/L	25				0	0	
	4-Chloro-3-methylphenol	40	12	ug/L	30				0	0	
	1-Methylnaphthalene	40	13	ug/L	33				0	0	
	2-Methylnaphthalene	40	13	ug/L	33				0	0	
	Hexachlorocyclopentadiene	40	11	ug/L	28				0	0	
	2,4,6-Trichlorophenol	40	14	ug/L	35				0	0	
	2,4,5-Trichlorophenol	40	14	ug/L	35				0	0	
	1,1'-Biphenyl	40	14	ug/L	35				0	0	
	2-Chloronaphthalene	40	14	ug/L	35				0	0	
	2-Nitroaniline	40	11	ug/L	28				0	0	
	Dimethylphthalate	40	14	ug/L	35				0	0	
	2,6-Dinitrotoluene	40	13	ug/L	33				0	0	
	Acenaphthylene	40	14	ug/L	35				0	0	
	3-Nitroaniline	40	12	ug/L	30				0	0	
	Acenaphthene	40	14	ug/L	35				0	0	
	2,4-Dinitrophenol	40	8.4	ug/L	21				0	0	
	4-Nitrophenol	40	10	ug/L	25				0	0	
	Dibenzofuran	40	14	ug/L	35				0	0	
	2,4-Dinitrotoluene	40	14	ug/L	35				0	0	
	Diethylphthalate	40	13	ug/L	33				0	0	
	Fluorene	40	14	ug/L	35				0	0	
	4-Chlorophenyl-phenylether	40	14	ug/L	35				0	0	
	4-Nitroaniline	40	12	ug/L	30				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB163831BS	4,6-Dinitro-2-methylphenol	40	12	ug/L	30				0	0	
	N-Nitrosodiphenylamine	40	14	ug/L	35				0	0	
	1,2,4,5-Tetrachlorobenzene	40	15	ug/L	38				0	0	
	4-Bromophenyl-phenylether	40	14	ug/L	35				0	0	
	Hexachlorobenzene	40	15	ug/L	38				0	0	
	Atrazine	40	10	ug/L	25				0	0	
	Pentachlorophenol	40	12	ug/L	30				0	0	
	Phenanthrene	40	14	ug/L	35				0	0	
	Pentachlorobenzene	40	14	ug/L	35				0	0	
	Anthracene	40	13	ug/L	33				0	0	
	1,2,3,4-Tetrachlorobenzene	40	14	ug/L	35				0	0	
	Carbazole	40	14	ug/L	35				0	0	
	Di-n-butylphthalate	40	13	ug/L	33				0	0	
	Fluoranthene	40	14	ug/L	35				0	0	
	Pyrene	40	14	ug/L	35				0	0	
	Butylbenzylphthalate	40	12	ug/L	30				0	0	
	3,3'-Dichlorobenzidine	40	14	ug/L	35				0	0	
	Benzo(a)anthracene	40	14	ug/L	35				0	0	
	Chrysene	40	14	ug/L	35				0	0	
	Bis(2-ethylhexyl)phthalate	40	13	ug/L	33				0	0	
	Di-n-octylphthalate	40	13	ug/L	33				0	0	
	Benzo(b)fluoranthene	40	14	ug/L	35				0	0	
	Benzo(k)fluoranthene	40	15	ug/L	38				0	0	
	Benzo(a)pyrene	40	14	ug/L	35				0	0	
	Indeno(1,2,3-cd)pyrene	40	13	ug/L	33				0	0	
	Dibenzo(a,h)anthracene	40	13	ug/L	33				0	0	
	Benzo(g,h,i)perylene	40	14	ug/L	35				0	0	
	2,3,4,6-Tetrachlorophenol	40	13	ug/L	33				0	0	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK786

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN100424 SAS No.: BN100424 SDG NO.: BN100424

Lab File ID: BN034415.D Lab Sample ID: PB163786BL

Instrument ID: BNA_N Date Extracted: 09/30/2024

Matrix: (soil/water) Water Date Analyzed: 10/05/2024

Level: (low/med) LOW Time Analyzed: 08:27

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PMW-1(20240925)	P4227-01	BN034420.D	10/05/2024
PMW-2(20240925)	P4227-02	BN034421.D	10/05/2024
PMW-9S(20240926)	P4227-03	BN034424.D	10/05/2024
PMW-9D(20240926)	P4227-04	BN034425.D	10/05/2024
PMW-8D(20240926)	P4227-06	BN034426.D	10/05/2024
PMW-8S(20240926)	P4227-05	BN034417.D	10/05/2024
PB163786BS	PB163786BS	BN034430.D	10/05/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK787

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN100424 SAS No.: BN100424 SDG NO.: BN100424

Lab File ID: BN034402.D Lab Sample ID: PB163787BL

Instrument ID: BNA_N Date Extracted: 09/30/2024

Matrix: (soil/water) Water Date Analyzed: 10/04/2024

Level: (low/med) LOW Time Analyzed: 23:17

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163787BS	PB163787BS	BN034422.D	10/05/2024
DUP(20240926)	P4227-07	BN034408.D	10/05/2024
MW-2(MCUA)(20240926)	P4227-08	BN034409.D	10/05/2024
PMW-5(20240926)	P4227-09	BN034410.D	10/05/2024
MW-1(MCUA)(20240926)	P4227-10	BN034411.D	10/05/2024
PMW-3(20240927)	P4227-11	BN034412.D	10/05/2024
PMW-4(20240927)	P4227-12	BN034413.D	10/05/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK807

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN100424 SAS No.: BN100424 SDG NO.: BN100424

Lab File ID: BN034391.D Lab Sample ID: PB163807BL

Instrument ID: BNA_N Date Extracted: 09/30/2024

Matrix: (soil/water) Water Date Analyzed: 10/04/2024

Level: (low/med) LOW Time Analyzed: 15:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PMW-6(20240927)	P4227-13	BN034396.D	10/04/2024
PMW-7S(20240927)	P4227-14	BN034397.D	10/04/2024
PMW-10(20240927)	P4227-18	BN034398.D	10/04/2024
PMW-7D(20240927)	P4227-15	BN034404.D	10/05/2024
PMW-7D(20240927)MS	P4227-16MS	BN034405.D	10/05/2024
PMW-7D(20240927)MSD	P4227-17MSD	BN034406.D	10/05/2024
PB163807BS	PB163807BS	BN034423.D	10/05/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK808

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN100424 SAS No.: BN100424 SDG NO.: BN100424

Lab File ID: BN034392.D Lab Sample ID: PB163808BL

Instrument ID: BNA_N Date Extracted: 09/30/2024

Matrix: (soil/water) Water Date Analyzed: 10/04/2024

Level: (low/med) LOW Time Analyzed: 15:59

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163808BS	PB163808BS	BN034393.D	10/04/2024
E0CP6	P4228-01	BN034394.D	10/04/2024
E0CP7	P4228-02	BN034395.D	10/04/2024
FB(20240925)	P4227-19	BN034399.D	10/04/2024
FB(20240927)	P4227-21	BN034407.D	10/05/2024
FB(20240926)	P4227-20	BN034403.D	10/04/2024
EB(20240927)	P4227-22	BN034416.D	10/05/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK831

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN100424 SAS No.: BN100424 SDG NO.: BN100424

Lab File ID: BN034428.D Lab Sample ID: PB163831BL

Instrument ID: BNA_N Date Extracted: 10/01/2024

Matrix: (soil/water) water Date Analyzed: 10/05/2024

Level: (low/med) LOW Time Analyzed: 18:16

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163748TB	PB163748TB	BN034429.D	10/05/2024
PB163831BS	PB163831BS	BN034431.D	10/05/2024
E1H08MS	P4218-02MS	BN034418.D	10/05/2024
E1H08MSD	P4218-03MSD	BN034419.D	10/05/2024

COMMENTS:

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P4218-02MS		**Client Sample ID:**	**E1H08MS**					**DataFile:**	**BN034418.D**		
1,4-Dioxane	160		59	ug/L	37				15	120	
Benzaldehyde	400		310	ug/L	78				0	0	
Pyridine	400		87	ug/L	22				0	0	
Phenol	400		100	ug/L	25				12	110	
Bis(2-chloroethyl)ether	400		300	ug/L	75				0	0	
2-Chlorophenol	400		300	ug/L	75				27	123	
2-Methylphenol	400		230	ug/L	58				0	0	
2,2-oxybis(1-Chloropropane)	400		270	ug/L	68				0	0	
Acetophenone	400		290	ug/L	73				0	0	
4-Methylphenol	400		200	ug/L	50				0	0	
N-Nitroso-di-n-propylamine	400		270	ug/L	68				41	116	
Hexachloroethane	400		280	ug/L	70				0	0	
Nitrobenzene	400		310	ug/L	78				0	0	
Isophorone	400		310	ug/L	78				0	0	
2-Nitrophenol	400		370	ug/L	93				0	0	
2,4-Dimethylphenol	400		240	ug/L	60				0	0	
Bis(2-chloroethoxy)methane	400		330	ug/L	83				0	0	
2,4-Dichlorophenol	400		360	ug/L	90				0	0	
Naphthalene	400		330	ug/L	83				0	0	
4-Chloroaniline	400		230	ug/L	58				0	0	
Hexachlorobutadiene	400		350	ug/L	88				0	0	
Caprolactam	400		43	ug/L	11				0	0	
4-Chloro-3-methylphenol	400		300	ug/L	75				23	97	
1-Methylnaphthalene	400		330	ug/L	83				0	0	
2-Methylnaphthalene	400		340	ug/L	85				0	0	
Hexachlorocyclopentadiene	400		280	ug/L	70				0	0	
2,4,6-Trichlorophenol	400		390	ug/L	98				0	0	
2,4,5-Trichlorophenol	400		390	ug/L	98				0	0	
1,1'-Biphenyl	400		350	ug/L	88				0	0	
2-Chloronaphthalene	400		360	ug/L	90				0	0	
2-Nitroaniline	400		320	ug/L	80				0	0	
Dimethylphthalate	400		360	ug/L	90				0	0	
2,6-Dinitrotoluene	400		390	ug/L	98				0	0	
Acenaphthylene	400		360	ug/L	90				0	0	
3-Nitroaniline	400		340	ug/L	85				0	0	
Acenaphthene	400		350	ug/L	88				46	118	
2,4-Dinitrophenol	400		340	ug/L	85				0	0	
4-Nitrophenol	400		91	ug/L	23				10	80	
Dibenzofuran	400		350	ug/L	88				0	0	
2,4-Dinitrotoluene	400		370	ug/L	93				24	96	
Diethylphthalate	400		340	ug/L	85				0	0	
Fluorene	400		340	ug/L	85				0	0	
4-Chlorophenyl-phenylether	400		350	ug/L	88				0	0	
4-Nitroaniline	400		340	ug/L	85				0	0	
4,6-Dinitro-2-methylphenol	400		370	ug/L	93				0	0	
N-Nitrosodiphenylamine	400		390	ug/L	98				0	0	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,2,4,5-Tetrachlorobenzene	400		390	ug/L	98				0	0	
4-Bromophenyl-phenylether	400		410	ug/L	103				0	0	
Hexachlorobenzene	400		410	ug/L	103				0	0	
Atrazine	400		280	ug/L	70				0	0	
Pentachlorophenol	400		430	ug/L	108	*			9	103	
Phenanthrene	400		370	ug/L	93				0	0	
Pentachlorobenzene	400		390	ug/L	98				0	0	
Anthracene	400		360	ug/L	90				0	0	
1,2,3,4-Tetrachlorobenzene	400		400	ug/L	100				0	0	
Carbazole	400		360	ug/L	90				0	0	
Di-n-butylphthalate	400		370	ug/L	93				0	0	
Fluoranthene	400		410	ug/L	103				0	0	
Pyrene	400		400	ug/L	100				26	127	
Butylbenzylphthalate	400		380	ug/L	95				0	0	
3,3'-Dichlorobenzidine	400		390	ug/L	98				0	0	
Benzo(a)anthracene	400		380	ug/L	95				0	0	
Chrysene	400		380	ug/L	95				0	0	
Bis(2-ethylhexyl)phthalate	400		390	ug/L	98				0	0	
Di-n-octylphthalate	400		380	ug/L	95				0	0	
Benzo(b)fluoranthene	400		390	ug/L	98				0	0	
Benzo(k)fluoranthene	400		390	ug/L	98				0	0	
Benzo(a)pyrene	400		370	ug/L	93				0	0	
Indeno(1,2,3-cd)pyrene	400		420	ug/L	105				0	0	
Dibenzo(a,h)anthracene	400		420	ug/L	105				0	0	
Benzo(g,h,i)perylene	400		430	ug/L	108				0	0	
2,3,4,6-Tetrachlorophenol	400		390	ug/L	98				0	0	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P4218-03MSD		**Client Sample ID:**	E1H08MSD					**DataFile:**	BN034419.D		
1,4-Dioxane	160		57	ug/L	36		3		15	120	50
Benzaldehyde	400		300	ug/L	75		4	*	0	0	0
Pyridine	400		85	ug/L	21		5	*	0	0	0
Phenol	400		100	ug/L	25		0		12	110	42
Bis(2-chloroethyl)ether	400		290	ug/L	73		3	*	0	0	0
2-Chlorophenol	400		300	ug/L	75		0		27	123	40
2-Methylphenol	400		230	ug/L	58		0		0	0	0
2,2-oxybis(1-Chloropropane)	400		260	ug/L	65		5	*	0	0	0
Acetophenone	400		280	ug/L	70		4	*	0	0	0
4-Methylphenol	400		200	ug/L	50		0		0	0	0
N-Nitroso-di-n-propylamine	400		260	ug/L	65		5		41	116	38
Hexachloroethane	400		280	ug/L	70		0		0	0	0
Nitrobenzene	400		300	ug/L	75		4	*	0	0	0
Isophorone	400		300	ug/L	75		4	*	0	0	0
2-Nitrophenol	400		370	ug/L	93		0		0	0	0
2,4-Dimethylphenol	400		240	ug/L	60		0		0	0	0
Bis(2-chloroethoxy)methane	400		320	ug/L	80		4	*	0	0	0
2,4-Dichlorophenol	400		350	ug/L	88		2	*	0	0	0
Naphthalene	400		330	ug/L	83		0		0	0	0
4-Chloroaniline	400		220	ug/L	55		5	*	0	0	0
Hexachlorobutadiene	400		340	ug/L	85		3	*	0	0	0
Caprolactam	400		41	ug/L	10		10	*	0	0	0
4-Chloro-3-methylphenol	400		290	ug/L	73		3		23	97	42
1-Methylnaphthalene	400		320	ug/L	80		4	*	0	0	0
2-Methylnaphthalene	400		330	ug/L	83		2	*	0	0	0
Hexachlorocyclopentadiene	400		280	ug/L	70		0		0	0	0
2,4,6-Trichlorophenol	400		380	ug/L	95		3	*	0	0	0
2,4,5-Trichlorophenol	400		380	ug/L	95		3	*	0	0	0
1,1'-Biphenyl	400		350	ug/L	88		0		0	0	0
2-Chloronaphthalene	400		350	ug/L	88		2	*	0	0	0
2-Nitroaniline	400		300	ug/L	75		6	*	0	0	0
Dimethylphthalate	400		350	ug/L	88		2	*	0	0	0
2,6-Dinitrotoluene	400		370	ug/L	93		5	*	0	0	0
Acenaphthylene	400		350	ug/L	88		2	*	0	0	0
3-Nitroaniline	400		330	ug/L	83		2	*	0	0	0
Acenaphthene	400		340	ug/L	85		3		46	118	31
2,4-Dinitrophenol	400		340	ug/L	85		0		0	0	0
4-Nitrophenol	400		95	ug/L	24		4		10	80	50
Dibenzofuran	400		350	ug/L	88		0		0	0	0
2,4-Dinitrotoluene	400		350	ug/L	88		6		24	96	38
Diethylphthalate	400		340	ug/L	85		0		0	0	0
Fluorene	400		340	ug/L	85		0		0	0	0
4-Chlorophenyl-phenylether	400		340	ug/L	85		3	*	0	0	0
4-Nitroaniline	400		330	ug/L	83		2	*	0	0	0
4,6-Dinitro-2-methylphenol	400		370	ug/L	93		0		0	0	0
N-Nitrosodiphenylamine	400		370	ug/L	93		5	*	0	0	0

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,2,4,5-Tetrachlorobenzene	400		380	ug/L	95		3	*	0	0	0
4-Bromophenyl-phenylether	400		390	ug/L	98		5	*	0	0	0
Hexachlorobenzene	400		400	ug/L	100		3	*	0	0	0
Atrazine	400		280	ug/L	70		0		0	0	0
Pentachlorophenol	400		430	ug/L	108	*	0		9	103	50
Phenanthrene	400		360	ug/L	90		3	*	0	0	0
Pentachlorobenzene	400		380	ug/L	95		3	*	0	0	0
Anthracene	400		350	ug/L	88		2	*	0	0	0
1,2,3,4-Tetrachlorobenzene	400		380	ug/L	95		5	*	0	0	0
Carbazole	400		350	ug/L	88		2	*	0	0	0
Di-n-butylphthalate	400		360	ug/L	90		3	*	0	0	0
Fluoranthene	400		380	ug/L	95		8	*	0	0	0
Pyrene	400		370	ug/L	93		7		26	127	31
Butylbenzylphthalate	400		360	ug/L	90		5	*	0	0	0
3,3'-Dichlorobenzidine	400		370	ug/L	93		5	*	0	0	0
Benzo(a)anthracene	400		360	ug/L	90		5	*	0	0	0
Chrysene	400		360	ug/L	90		5	*	0	0	0
Bis(2-ethylhexyl)phthalate	400		380	ug/L	95		3	*	0	0	0
Di-n-octylphthalate	400		360	ug/L	90		5	*	0	0	0
Benzo(b)fluoranthene	400		370	ug/L	93		5	*	0	0	0
Benzo(k)fluoranthene	400		370	ug/L	93		5	*	0	0	0
Benzo(a)pyrene	400		350	ug/L	88		6	*	0	0	0
Indeno(1,2,3-cd)pyrene	400		400	ug/L	100		5	*	0	0	0
Dibenzo(a,h)anthracene	400		400	ug/L	100		5	*	0	0	0
Benzo(g,h,i)perylene	400		400	ug/L	100		8	*	0	0	0
2,3,4,6-Tetrachlorophenol	400		390	ug/L	98		0		0	0	0

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P4227-16MS		**Client Sample ID:**	**PMW-7D(20240927)MS**					**DataFile:**	**BN034405.D**		
1,4-Dioxane	16		15	ug/L	94				15	120	
Benzaldehyde	40		25	ug/L	63				0	0	
Pyridine	40		7	ug/L	18				0	0	
Phenol	40		12	ug/L	30				12	110	
Bis(2-chloroethyl)ether	40		27	ug/L	68				0	0	
2-Chlorophenol	40		28	ug/L	70				27	123	
2-Methylphenol	40		24	ug/L	60				0	0	
2,2-oxybis(1-Chloropropane)	40		23	ug/L	58				0	0	
Acetophenone	40		25	ug/L	63				0	0	
4-Methylphenol	40		22	ug/L	55				0	0	
N-Nitroso-di-n-propylamine	40		24	ug/L	60				41	116	
Hexachloroethane	40		24	ug/L	60				0	0	
Nitrobenzene	40		27	ug/L	68				0	0	
Isophorone	40		28	ug/L	70				0	0	
2-Nitrophenol	40		33	ug/L	83				0	0	
2,4-Dimethylphenol	40		25	ug/L	63				0	0	
Bis(2-chloroethoxy)methane	40		29	ug/L	73				0	0	
2,4-Dichlorophenol	40		34	ug/L	85				0	0	
Naphthalene	40		29	ug/L	73				0	0	
4-Chloroaniline	40		20	ug/L	50				0	0	
Hexachlorobutadiene	40		30	ug/L	75				0	0	
Caprolactam	40		4.5	ug/L	11				0	0	
4-Chloro-3-methylphenol	40		28	ug/L	70				23	97	
1-Methylnaphthalene	40		29	ug/L	73				0	0	
2-Methylnaphthalene	40		29	ug/L	73				0	0	
Hexachlorocyclopentadiene	40		24	ug/L	60				0	0	
2,4,6-Trichlorophenol	40		34	ug/L	85				0	0	
2,4,5-Trichlorophenol	40		34	ug/L	85				0	0	
1,1'-Biphenyl	40		31	ug/L	78				0	0	
2-Chloronaphthalene	40		32	ug/L	80				0	0	
2-Nitroaniline	40		28	ug/L	70				0	0	
Dimethylphthalate	40		31	ug/L	78				0	0	
2,6-Dinitrotoluene	40		35	ug/L	88				0	0	
Acenaphthylene	40		31	ug/L	78				0	0	
3-Nitroaniline	40		29	ug/L	73				0	0	
Acenaphthene	40		31	ug/L	78				46	118	
2,4-Dinitrophenol	40		34	ug/L	85				0	0	
4-Nitrophenol	40		9.4	ug/L	23				10	80	
Dibenzofuran	40		31	ug/L	78				0	0	
2,4-Dinitrotoluene	40		33	ug/L	83				24	96	
Diethylphthalate	40		31	ug/L	78				0	0	
Fluorene	40		31	ug/L	78				0	0	
4-Chlorophenyl-phenylether	40		31	ug/L	78				0	0	
4-Nitroaniline	40		32	ug/L	80				0	0	
4,6-Dinitro-2-methylphenol	40		34	ug/L	85				0	0	
N-Nitrosodiphenylamine	40		33	ug/L	83				0	0	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	40		33	ug/L	83				0	0	
4-Bromophenyl-phenylether	40		35	ug/L	88				0	0	
Hexachlorobenzene	40		36	ug/L	90				0	0	
Atrazine	40		21	ug/L	52				0	0	
Pentachlorophenol	40		36	ug/L	90				9	103	
Phenanthrene	40		33	ug/L	83				0	0	
Pentachlorobenzene	40		33	ug/L	83				0	0	
Anthracene	40		32	ug/L	80				0	0	
1,2,3,4-Tetrachlorobenzene	40		33	ug/L	83				0	0	
Carbazole	40		33	ug/L	83				0	0	
Di-n-butylphthalate	40		33	ug/L	83				0	0	
Fluoranthene	40		33	ug/L	83				0	0	
Pyrene	40		32	ug/L	80				26	127	
Butylbenzylphthalate	40		33	ug/L	83				0	0	
3,3'-Dichlorobenzidine	40		21	ug/L	52				0	0	
Benzo(a)anthracene	40		32	ug/L	80				0	0	
Chrysene	40		33	ug/L	83				0	0	
Bis(2-ethylhexyl)phthalate	40		33	ug/L	83				0	0	
Di-n-octylphthalate	40		33	ug/L	83				0	0	
Benzo(b)fluoranthene	40		32	ug/L	80				0	0	
Benzo(k)fluoranthene	40		33	ug/L	83				0	0	
Benzo(a)pyrene	40		31	ug/L	78				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		36	ug/L	90				0	0	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: P4227-17MSD		**Client Sample ID:**	PMW-7D(20240927)MSD					**DataFile:**	BN034406.D		
1,4-Dioxane	16		16	ug/L	100		6		15	120	50
Benzaldehyde	40		25	ug/L	63		0		0	0	0
Pyridine	40		7.3	ug/L	18		0		0	0	0
Phenol	40		12	ug/L	30		0		12	110	42
Bis(2-chloroethyl)ether	40		28	ug/L	70		3	*	0	0	0
2-Chlorophenol	40		29	ug/L	73		4		27	123	40
2-Methylphenol	40		24	ug/L	60		0		0	0	0
2,2-oxybis(1-Chloropropane)	40		24	ug/L	60		3	*	0	0	0
Acetophenone	40		25	ug/L	63		0		0	0	0
4-Methylphenol	40		22	ug/L	55		0		0	0	0
N-Nitroso-di-n-propylamine	40		24	ug/L	60		0		41	116	38
Hexachloroethane	40		24	ug/L	60		0		0	0	0
Nitrobenzene	40		28	ug/L	70		3	*	0	0	0
Isophorone	40		28	ug/L	70		0		0	0	0
2-Nitrophenol	40		34	ug/L	85		2	*	0	0	0
2,4-Dimethylphenol	40		26	ug/L	65		3	*	0	0	0
Bis(2-chloroethoxy)methane	40		30	ug/L	75		3	*	0	0	0
2,4-Dichlorophenol	40		35	ug/L	88		3	*	0	0	0
Naphthalene	40		29	ug/L	73		0		0	0	0
4-Chloroaniline	40		20	ug/L	50		0		0	0	0
Hexachlorobutadiene	40		31	ug/L	78		4	*	0	0	0
Caprolactam	40		4.4	ug/L	11		0		0	0	0
4-Chloro-3-methylphenol	40		28	ug/L	70		0		23	97	42
1-Methylnaphthalene	40		29	ug/L	73		0		0	0	0
2-Methylnaphthalene	40		30	ug/L	75		3	*	0	0	0
Hexachlorocyclopentadiene	40		27	ug/L	68		13	*	0	0	0
2,4,6-Trichlorophenol	40		36	ug/L	90		6	*	0	0	0
2,4,5-Trichlorophenol	40		35	ug/L	88		3	*	0	0	0
1,1'-Biphenyl	40		32	ug/L	80		3	*	0	0	0
2-Chloronaphthalene	40		32	ug/L	80		0		0	0	0
2-Nitroaniline	40		28	ug/L	70		0		0	0	0
Dimethylphthalate	40		32	ug/L	80		3	*	0	0	0
2,6-Dinitrotoluene	40		35	ug/L	88		0		0	0	0
Acenaphthylene	40		31	ug/L	78		0		0	0	0
3-Nitroaniline	40		29	ug/L	73		0		0	0	0
Acenaphthene	40		31	ug/L	78		0		46	118	31
2,4-Dinitrophenol	40		34	ug/L	85		0		0	0	0
4-Nitrophenol	40		9	ug/L	23		0		10	80	50
Dibenzofuran	40		32	ug/L	80		3	*	0	0	0
2,4-Dinitrotoluene	40		33	ug/L	83		0		24	96	38
Diethylphthalate	40		32	ug/L	80		3	*	0	0	0
Fluorene	40		31	ug/L	78		0		0	0	0
4-Chlorophenyl-phenylether	40		32	ug/L	80		3	*	0	0	0
4-Nitroaniline	40		31	ug/L	78		3	*	0	0	0
4,6-Dinitro-2-methylphenol	40		34	ug/L	85		0		0	0	0
N-Nitrosodiphenylamine	40		33	ug/L	83		0		0	0	0

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,2,4,5-Tetrachlorobenzene	40		35	ug/L	88	6		*	0	0	0
4-Bromophenyl-phenylether	40		36	ug/L	90	2		*	0	0	0
Hexachlorobenzene	40		38	ug/L	95	5		*	0	0	0
Atrazine	40		21	ug/L	52	0			0	0	0
Pentachlorophenol	40		36	ug/L	90	0			9	103	50
Phenanthrene	40		33	ug/L	83	0			0	0	0
Pentachlorobenzene	40		34	ug/L	85	2		*	0	0	0
Anthracene	40		32	ug/L	80	0			0	0	0
1,2,3,4-Tetrachlorobenzene	40		35	ug/L	88	6		*	0	0	0
Carbazole	40		33	ug/L	83	0			0	0	0
Di-n-butylphthalate	40		34	ug/L	85	2		*	0	0	0
Fluoranthene	40		35	ug/L	88	6		*	0	0	0
Pyrene	40		34	ug/L	85	6			26	127	31
Butylbenzylphthalate	40		35	ug/L	88	6		*	0	0	0
3,3'-Dichlorobenzidine	40		21	ug/L	52	0			0	0	0
Benzo(a)anthracene	40		34	ug/L	85	6		*	0	0	0
Chrysene	40		34	ug/L	85	2		*	0	0	0
Bis(2-ethylhexyl)phthalate	40		36	ug/L	90	8		*	0	0	0
Di-n-octylphthalate	40		36	ug/L	90	8		*	0	0	0
Benzo(b)fluoranthene	40		34	ug/L	85	6		*	0	0	0
Benzo(k)fluoranthene	40		34	ug/L	85	2		*	0	0	0
Benzo(a)pyrene	40		32	ug/L	80	3		*	0	0	0
Indeno(1,2,3-cd)pyrene	40		36	ug/L	90	2		*	0	0	0
Dibenzo(a,h)anthracene	40		36	ug/L	90	2		*	0	0	0
Benzo(g,h,i)perylene	40		37	ug/L	93	6		*	0	0	0
2,3,4,6-Tetrachlorophenol	40		36	ug/L	90	0			0	0	0

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Surrogate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4227-01	PMW-1(20240925)	BN034420.D	1,4-Dioxane-d8	8	4.64	58		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	11.33	28		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.40	64		25	120
			2-Chlorophenol-d4	40	28.52	71		20	130
			4-Methylphenol-d8	40	20.76	52		25	125
			Nitrobenzene-d5	40	29.75	74		20	125
			2-Nitrophenol-d4	40	32.25	81		20	130
			2,4-Dichlorophenol-d3	40	29.48	74		20	120
			4-Chloroaniline-d4	40	9.40	23		1	146
			Dimethylphthalate-d6	40	29.57	74		25	130
			Acenaphthylene-d8	40	28.61	72		10	130
			4-Nitrophenol-d4	40	6.42	16		10	150
			Fluorene-d10	40	28.95	72		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.11	68		10	130
			Anthracene-d10	40	31.39	78		25	130
			Pyrene-d10	40	33.92	85		15	130
			Benzo(a)pyrene-d12	40	33.88	85		20	130
P4227-02	PMW-2(20240925)	BN034421.D	1,4-Dioxane-d8	8	5.42	68		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	11.90	30		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.61	67		25	120
			2-Chlorophenol-d4	40	30.13	75		20	130
			4-Methylphenol-d8	40	21.72	54		25	125
			Nitrobenzene-d5	40	32.34	81		20	125
			2-Nitrophenol-d4	40	34.84	87		20	130
			2,4-Dichlorophenol-d3	40	32.08	80		20	120
			4-Chloroaniline-d4	40	16.42	41		1	146
			Dimethylphthalate-d6	40	32.35	81		25	130
			Acenaphthylene-d8	40	32.06	80		10	130
			4-Nitrophenol-d4	40	7.70	19		10	150
			Fluorene-d10	40	31.62	79		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.36	76		10	130
			Anthracene-d10	40	34.73	87		25	130
			Pyrene-d10	40	35.04	88		15	130
			Benzo(a)pyrene-d12	40	36.41	91		20	130
P4227-03	PMW-9S(20240926	BN034424.D	1,4-Dioxane-d8	8	5.00	63		15	120
			Pyridine-d5	40	11.14	28		20	120
			Phenol-d5	40	12.94	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.79	62		25	120
			2-Chlorophenol-d4	40	27.91	70		20	130
			4-Methylphenol-d8	40	22.57	56		25	125
			Nitrobenzene-d5	40	26.85	67		20	125
			2-Nitrophenol-d4	40	29.41	74		20	130
			2,4-Dichlorophenol-d3	40	28.58	71		20	120
			4-Chloroaniline-d4	40	25.44	64		1	146
			Dimethylphthalate-d6	40	30.82	77		25	130
			Acenaphthylene-d8	40	28.38	71		10	130
			4-Nitrophenol-d4	40	6.79	17		10	150

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Surrogate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4227-03	PMW-9S(20240926	BN034424.D	Fluorene-d10	40	29.38	73		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.53	69		10	130
			Anthracene-d10	40	30.83	77		25	130
			Pyrene-d10	40	32.93	82		15	130
			Benzo(a)pyrene-d12	40	32.77	82		20	130
P4227-04	PMW-9D(2024092(	BN034425.D	1,4-Dioxane-d8	8	4.88	61		15	120
			Pyridine-d5	40	0.66	2	*	20	120
			Phenol-d5	40	13.49	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.20	63		25	120
			2-Chlorophenol-d4	40	29.82	75		20	130
			4-Methylphenol-d8	40	23.41	59		25	125
			Nitrobenzene-d5	40	30.28	76		20	125
			2-Nitrophenol-d4	40	33.72	84		20	130
			2,4-Dichlorophenol-d3	40	31.45	79		20	120
			4-Chloroaniline-d4	40	24.80	62		1	146
			Dimethylphthalate-d6	40	31.40	79		25	130
			Acenaphthylene-d8	40	29.70	74		10	130
			4-Nitrophenol-d4	40	8.46	21		10	150
			Fluorene-d10	40	30.07	75		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.04	75		10	130
			Anthracene-d10	40	32.18	80		25	130
			Pyrene-d10	40	32.63	82		15	130
			Benzo(a)pyrene-d12	40	33.81	85		20	130
P4227-05	PMW-8S(20240926	BN034417.D	1,4-Dioxane-d8	8	4.74	59		15	120
			Pyridine-d5	40	0.54	1	*	20	120
			Phenol-d5	40	12.85	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.24	66		25	120
			2-Chlorophenol-d4	40	29.71	74		20	130
			4-Methylphenol-d8	40	21.87	55		25	125
			Nitrobenzene-d5	40	31.40	78		20	125
			2-Nitrophenol-d4	40	33.96	85		20	130
			2,4-Dichlorophenol-d3	40	31.97	80		20	120
			4-Chloroaniline-d4	40	9.11	23		1	146
			Dimethylphthalate-d6	40	32.37	81		25	130
			Acenaphthylene-d8	40	32.12	80		10	130
			4-Nitrophenol-d4	40	7.83	20		10	150
			Fluorene-d10	40	31.78	79		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.58	74		10	130
			Anthracene-d10	40	34.62	87		25	130
			Pyrene-d10	40	35.11	88		15	130
			Benzo(a)pyrene-d12	40	36.44	91		20	130
P4227-06	PMW-8D(2024092(	BN034426.D	1,4-Dioxane-d8	8	4.28	53		15	120
			Pyridine-d5	40	10.24	26		20	120
			Phenol-d5	40	12.45	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.06	63		25	120
			2-Chlorophenol-d4	40	28.74	72		20	130
			4-Methylphenol-d8	40	21.91	55		25	125
			Nitrobenzene-d5	40	29.92	75		20	125
			2-Nitrophenol-d4	40	33.13	83		20	130

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Surrogate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4227-06	PMW-8D(2024092(	BN034426.D	2,4-Dichlorophenol-d3	40	30.26	76		20	120
			4-Chloroaniline-d4	40	25.45	64		1	146
			Dimethylphthalate-d6	40	30.02	75		25	130
			Acenaphthylene-d8	40	29.48	74		10	130
			4-Nitrophenol-d4	40	5.68	14		10	150
			Fluorene-d10	40	29.55	74		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.12	68		10	130
			Anthracene-d10	40	30.98	77		25	130
			Pyrene-d10	40	32.47	81		15	130
			Benzo(a)pyrene-d12	40	32.66	82		20	130
PB163786BL	PB163786BL	BN034415.D	1,4-Dioxane-d8	8	5.79	72		15	120
			Pyridine-d5	40	23.14	58		20	120
			Phenol-d5	40	22.70	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.54	59		25	120
			2-Chlorophenol-d4	40	27.03	68		20	130
			4-Methylphenol-d8	40	22.75	57		25	125
			Nitrobenzene-d5	40	27.91	70		20	125
			2-Nitrophenol-d4	40	29.28	73		20	130
			2,4-Dichlorophenol-d3	40	26.56	66		20	120
			4-Chloroaniline-d4	40	25.07	63		1	146
			Dimethylphthalate-d6	40	27.16	68		25	130
			Acenaphthylene-d8	40	27.75	69		10	130
			4-Nitrophenol-d4	40	16.38	41		10	150
			Fluorene-d10	40	26.74	67		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.56	54		10	130
			Anthracene-d10	40	28.50	71		25	130
			Pyrene-d10	40	29.57	74		15	130
			Benzo(a)pyrene-d12	40	29.91	75		20	130
PB163786BS	PB163786BS	BN034430.D	1,4-Dioxane-d8	8	5.12	64		15	120
			Pyridine-d5	40	21.25	53		20	120
			Phenol-d5	40	21.76	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.55	54		25	120
			2-Chlorophenol-d4	40	24.82	62		20	130
			4-Methylphenol-d8	40	21.22	53		25	125
			Nitrobenzene-d5	40	26.02	65		20	125
			2-Nitrophenol-d4	40	26.50	66		20	130
			2,4-Dichlorophenol-d3	40	25.94	65		20	120
			4-Chloroaniline-d4	40	23.68	59		1	146
			Dimethylphthalate-d6	40	25.18	63		25	130
			Acenaphthylene-d8	40	25.18	63		10	130
			4-Nitrophenol-d4	40	20.89	52		10	150
			Fluorene-d10	40	24.36	61		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.86	57		10	130
			Anthracene-d10	40	25.33	63		25	130
			Pyrene-d10	40	25.69	64		15	130
			Benzo(a)pyrene-d12	40	26.81	67		20	130

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Surrogate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4227-07	DUP(20240926)	BN034408.D	1,4-Dioxane-d8	8	4.74	59		15	120
			Pyridine-d5	40	9.91	25		20	120
			Phenol-d5	40	12.49	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.63	64		25	120
			2-Chlorophenol-d4	40	28.35	71		20	130
			4-Methylphenol-d8	40	22.84	57		25	125
			Nitrobenzene-d5	40	28.11	70		20	125
			2-Nitrophenol-d4	40	31.31	78		20	130
			2,4-Dichlorophenol-d3	40	30.35	76		20	120
			4-Chloroaniline-d4	40	27.74	69		1	146
			Dimethylphthalate-d6	40	31.86	80		25	130
			Acenaphthylene-d8	40	29.03	73		10	130
			4-Nitrophenol-d4	40	7.08	18		10	150
			Fluorene-d10	40	30.15	75		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.85	72		10	130
			Anthracene-d10	40	31.37	78		25	130
			Pyrene-d10	40	31.55	79		15	130
			Benzo(a)pyrene-d12	40	32.97	82		20	130
P4227-08	MW-2(MCUA)(202	BN034409.D	1,4-Dioxane-d8	8	4.17	52		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	11.32	28		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.59	61		25	120
			2-Chlorophenol-d4	40	27.75	69		20	130
			4-Methylphenol-d8	40	18.73	47		25	125
			Nitrobenzene-d5	40	29.97	75		20	125
			2-Nitrophenol-d4	40	32.34	81		20	130
			2,4-Dichlorophenol-d3	40	29.07	73		20	120
			4-Chloroaniline-d4	40	1.09	3		1	146
			Dimethylphthalate-d6	40	29.52	74		25	130
			Acenaphthylene-d8	40	28.37	71		10	130
			4-Nitrophenol-d4	40	7.47	19		10	150
			Fluorene-d10	40	29.19	73		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.78	64		10	130
			Anthracene-d10	40	31.82	80		25	130
			Pyrene-d10	40	34.94	87		15	130
			Benzo(a)pyrene-d12	40	33.50	84		20	130
P4227-09	PMW-5(20240926)	BN034410.D	1,4-Dioxane-d8	8	5.20	65		15	120
			Pyridine-d5	40	5.41	14	*	20	120
			Phenol-d5	40	12.41	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.71	72		25	120
			2-Chlorophenol-d4	40	30.97	77		20	130
			4-Methylphenol-d8	40	24.03	60		25	125
			Nitrobenzene-d5	40	34.59	86		20	125
			2-Nitrophenol-d4	40	36.48	91		20	130
			2,4-Dichlorophenol-d3	40	33.54	84		20	120
			4-Chloroaniline-d4	40	15.35	38		1	146
			Dimethylphthalate-d6	40	32.57	81		25	130
			Acenaphthylene-d8	40	33.33	83		10	130
			4-Nitrophenol-d4	40	5.77	14		10	150

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Surrogate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4227-09	PMW-5(20240926)	BN034410.D	Fluorene-d10	40	32.53	81		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.38	78		10	130
			Anthracene-d10	40	34.93	87		25	130
			Pyrene-d10	40	36.05	90		15	130
			Benzo(a)pyrene-d12	40	36.21	91		20	130
P4227-10	MW-1(MCUA)(202	BN034411.D	1,4-Dioxane-d8	8	3.92	49		15	120
			Pyridine-d5	40	4.52	11	*	20	120
			Phenol-d5	40	8.39	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.41	64		25	120
			2-Chlorophenol-d4	40	27.08	68		20	130
			4-Methylphenol-d8	40	17.97	45		25	125
			Nitrobenzene-d5	40	30.94	77		20	125
			2-Nitrophenol-d4	40	32.94	82		20	130
			2,4-Dichlorophenol-d3	40	29.50	74		20	120
			4-Chloroaniline-d4	40	2.50	6		1	146
			Dimethylphthalate-d6	40	29.85	75		25	130
			Acenaphthylene-d8	40	28.56	71		10	130
			4-Nitrophenol-d4	40	4.15	10		10	150
			Fluorene-d10	40	28.92	72		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.05	65		10	130
			Anthracene-d10	40	31.58	79		25	130
			Pyrene-d10	40	33.50	84		15	130
			Benzo(a)pyrene-d12	40	32.55	81		20	130
P4227-11	PMW-3(20240927)	BN034412.D	1,4-Dioxane-d8	8	4.64	58		15	120
			Pyridine-d5	40	3.74	9	*	20	120
			Phenol-d5	40	12.31	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.67	62		25	120
			2-Chlorophenol-d4	40	28.23	71		20	130
			4-Methylphenol-d8	40	21.12	53		25	125
			Nitrobenzene-d5	40	29.78	74		20	125
			2-Nitrophenol-d4	40	32.60	81		20	130
			2,4-Dichlorophenol-d3	40	29.70	74		20	120
			4-Chloroaniline-d4	40	15.79	39		1	146
			Dimethylphthalate-d6	40	30.90	77		25	130
			Acenaphthylene-d8	40	30.82	77		10	130
			4-Nitrophenol-d4	40	6.29	16		10	150
			Fluorene-d10	40	30.21	76		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.31	71		10	130
			Anthracene-d10	40	31.21	78		25	130
			Pyrene-d10	40	32.54	81		15	130
			Benzo(a)pyrene-d12	40	33.55	84		20	130
P4227-12	PMW-4(20240927)	BN034413.D	1,4-Dioxane-d8	8	4.65	58		15	120
			Pyridine-d5	40	9.71	24		20	120
			Phenol-d5	40	10.84	27		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.30	61		25	120
			2-Chlorophenol-d4	40	26.47	66		20	130
			4-Methylphenol-d8	40	20.60	51		25	125
			Nitrobenzene-d5	40	29.15	73		20	125
			2-Nitrophenol-d4	40	31.59	79		20	130

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Surrogate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4227-12	PMW-4(20240927)	BN034413.D	2,4-Dichlorophenol-d3	40	29.94	75		20	120
			4-Chloroaniline-d4	40	18.85	47		1	146
			Dimethylphthalate-d6	40	31.14	78		25	130
			Acenaphthylene-d8	40	30.41	76		10	130
			4-Nitrophenol-d4	40	6.28	16		10	150
			Fluorene-d10	40	30.43	76		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.70	72		10	130
			Anthracene-d10	40	31.43	79		25	130
			Pyrene-d10	40	30.84	77		15	130
			Benzo(a)pyrene-d12	40	32.13	80		20	130
PB163787BL	PB163787BL	BN034402.D	1,4-Dioxane-d8	8	4.84	61		15	120
			Pyridine-d5	40	20.59	51		20	120
			Phenol-d5	40	19.93	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.05	50		25	120
			2-Chlorophenol-d4	40	23.01	58		20	130
			4-Methylphenol-d8	40	19.42	49		25	125
			Nitrobenzene-d5	40	23.60	59		20	125
			2-Nitrophenol-d4	40	24.26	61		20	130
			2,4-Dichlorophenol-d3	40	22.70	57		20	120
			4-Chloroaniline-d4	40	21.54	54		1	146
			Dimethylphthalate-d6	40	23.53	59		25	130
			Acenaphthylene-d8	40	23.59	59		10	130
			4-Nitrophenol-d4	40	15.16	38		10	150
			Fluorene-d10	40	23.85	60		25	125
			4,6-Dinitro-2-methylphenol-d2	40	17.88	45		10	130
			Anthracene-d10	40	24.75	62		25	130
			Pyrene-d10	40	24.59	61		15	130
			Benzo(a)pyrene-d12	40	25.96	65		20	130
PB163787BS	PB163787BS	BN034422.D	1,4-Dioxane-d8	8	5.94	74		15	120
			Pyridine-d5	40	25.11	63		20	120
			Phenol-d5	40	25.12	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.90	62		25	120
			2-Chlorophenol-d4	40	29.17	73		20	130
			4-Methylphenol-d8	40	24.14	60		25	125
			Nitrobenzene-d5	40	31.58	79		20	125
			2-Nitrophenol-d4	40	33.11	83		20	130
			2,4-Dichlorophenol-d3	40	30.20	75		20	120
			4-Chloroaniline-d4	40	27.23	68		1	146
			Dimethylphthalate-d6	40	29.15	73		25	130
			Acenaphthylene-d8	40	30.16	75		10	130
			4-Nitrophenol-d4	40	23.51	59		10	150
			Fluorene-d10	40	29.13	73		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.09	73		10	130
			Anthracene-d10	40	30.11	75		25	130
			Pyrene-d10	40	31.40	79		15	130
			Benzo(a)pyrene-d12	40	31.74	79		20	130

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Surrogate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4227-13	PMW-6(20240927)	BN034396.D	1,4-Dioxane-d8	8	3.92	49		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	10.24	26		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.99	57		25	120
			2-Chlorophenol-d4	40	26.00	65		20	130
			4-Methylphenol-d8	40	19.81	50		25	125
			Nitrobenzene-d5	40	27.47	69		20	125
			2-Nitrophenol-d4	40	29.97	75		20	130
			2,4-Dichlorophenol-d3	40	28.01	70		20	120
			4-Chloroaniline-d4	40	11.52	29		1	146
			Dimethylphthalate-d6	40	28.88	72		25	130
			Acenaphthylene-d8	40	27.26	68		10	130
			4-Nitrophenol-d4	40	4.74	12		10	150
			Fluorene-d10	40	27.72	69		25	125
			4,6-Dinitro-2-methylphenol-d2	40	20.24	51		10	130
			Anthracene-d10	40	30.45	76		25	130
			Pyrene-d10	40	36.51	91		15	130
			Benzo(a)pyrene-d12	40	30.98	77		20	130
P4227-14	PMW-7S(20240927	BN034397.D	1,4-Dioxane-d8	8	4.56	57		15	120
			Pyridine-d5	40	6.55	16	*	20	120
			Phenol-d5	40	9.57	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.59	59		25	120
			2-Chlorophenol-d4	40	25.37	63		20	130
			4-Methylphenol-d8	40	19.37	48		25	125
			Nitrobenzene-d5	40	27.90	70		20	125
			2-Nitrophenol-d4	40	29.31	73		20	130
			2,4-Dichlorophenol-d3	40	27.11	68		20	120
			4-Chloroaniline-d4	40	19.61	49		1	146
			Dimethylphthalate-d6	40	28.11	70		25	130
			Acenaphthylene-d8	40	28.03	70		10	130
			4-Nitrophenol-d4	40	4.44	11		10	150
			Fluorene-d10	40	27.90	70		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.86	57		10	130
			Anthracene-d10	40	29.85	75		25	130
			Pyrene-d10	40	33.36	83		15	130
			Benzo(a)pyrene-d12	40	31.37	78		20	130
P4227-15	PMW-7D(2024092	BN034404.D	1,4-Dioxane-d8	8	4.02	50		15	120
			Pyridine-d5	40	5.26	13	*	20	120
			Phenol-d5	40	11.13	28		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.67	59		25	120
			2-Chlorophenol-d4	40	26.35	66		20	130
			4-Methylphenol-d8	40	19.88	50		25	125
			Nitrobenzene-d5	40	28.46	71		20	125
			2-Nitrophenol-d4	40	30.65	77		20	130
			2,4-Dichlorophenol-d3	40	29.37	73		20	120
			4-Chloroaniline-d4	40	18.28	46		1	146
			Dimethylphthalate-d6	40	30.11	75		25	130
			Acenaphthylene-d8	40	28.87	72		10	130
			4-Nitrophenol-d4	40	5.54	14		10	150

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Surrogate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4227-15	PMW-7D(20240927	BN034404.D	Fluorene-d10	40	29.62	74		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.92	67		10	130
			Anthracene-d10	40	30.92	77		25	130
			Pyrene-d10	40	30.11	75		15	130
			Benzo(a)pyrene-d12	40	31.22	78		20	130
P4227-16MS	PMW-7D(20240927	BN034405.D	1,4-Dioxane-d8	8	4.02	50		15	120
			Pyridine-d5	40	6.58	16	*	20	120
			Phenol-d5	40	11.55	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.10	65		25	120
			2-Chlorophenol-d4	40	29.01	73		20	130
			4-Methylphenol-d8	40	21.86	55		25	125
			Nitrobenzene-d5	40	31.94	80		20	125
			2-Nitrophenol-d4	40	34.57	86		20	130
			2,4-Dichlorophenol-d3	40	33.29	83		20	120
			4-Chloroaniline-d4	40	21.29	53		1	146
			Dimethylphthalate-d6	40	32.27	81		25	130
			Acenaphthylene-d8	40	31.12	78		10	130
			4-Nitrophenol-d4	40	10.50	26		10	150
			Fluorene-d10	40	32.06	80		25	125
			4,6-Dinitro-2-methylphenol-d2	40	35.28	88		10	130
			Anthracene-d10	40	32.34	81		25	130
			Pyrene-d10	40	34.11	85		15	130
			Benzo(a)pyrene-d12	40	33.61	84		20	130
P4227-17MSD	PMW-7D(20240927	BN034406.D	1,4-Dioxane-d8	8	4.51	56		15	120
			Pyridine-d5	40	6.60	16	*	20	120
			Phenol-d5	40	11.67	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.64	67		25	120
			2-Chlorophenol-d4	40	29.35	73		20	130
			4-Methylphenol-d8	40	21.95	55		25	125
			Nitrobenzene-d5	40	32.72	82		20	125
			2-Nitrophenol-d4	40	36.54	91		20	130
			2,4-Dichlorophenol-d3	40	34.12	85		20	120
			4-Chloroaniline-d4	40	21.50	54		1	146
			Dimethylphthalate-d6	40	32.65	82		25	130
			Acenaphthylene-d8	40	31.80	79		10	130
			4-Nitrophenol-d4	40	10.05	25		10	150
			Fluorene-d10	40	32.28	81		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.12	90		10	130
			Anthracene-d10	40	32.93	82		25	130
			Pyrene-d10	40	35.51	89		15	130
			Benzo(a)pyrene-d12	40	35.46	89		20	130
P4227-18	PMW-10(20240927	BN034398.D	1,4-Dioxane-d8	8	4.29	54		15	120
			Pyridine-d5	40	4.24	11	*	20	120
			Phenol-d5	40	11.01	28		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.03	65		25	120
			2-Chlorophenol-d4	40	27.89	70		20	130
			4-Methylphenol-d8	40	20.34	51		25	125
			Nitrobenzene-d5	40	29.43	74		20	125
			2-Nitrophenol-d4	40	31.21	78		20	130

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Surrogate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4227-18	PMW-10(20240927	BN034398.D	2,4-Dichlorophenol-d3	40	29.24	73		20	120
			4-Chloroaniline-d4	40	24.35	61		1	146
			Dimethylphthalate-d6	40	29.28	73		25	130
			Acenaphthylene-d8	40	29.67	74		10	130
			4-Nitrophenol-d4	40	4.42	11		10	150
			Fluorene-d10	40	28.80	72		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.82	57		10	130
			Anthracene-d10	40	31.31	78		25	130
			Pyrene-d10	40	35.10	88		15	130
			Benzo(a)pyrene-d12	40	32.62	82		20	130
PB163807BL	PB163807BL	BN034391.D	1,4-Dioxane-d8	8	5.11	64		15	120
			Pyridine-d5	40	22.14	55		20	120
		BN034401.D	1,4-Dioxane-d8	8	5.11	64		15	120
			Pyridine-d5	40	20.70	52		20	120
			Phenol-d5	40	20.61	52		10	130
		BN034391.D	Phenol-d5	40	21.35	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.74	52		25	120
		BN034401.D	Bis(2-Chloroethyl)ether-d8	40	20.69	52		25	120
			2-Chlorophenol-d4	40	24.06	60		20	130
		BN034391.D	2-Chlorophenol-d4	40	24.37	61		20	130
			4-Methylphenol-d8	40	21.70	54		25	125
		BN034401.D	4-Methylphenol-d8	40	20.27	51		25	125
			Nitrobenzene-d5	40	25.11	63		20	125
		BN034391.D	Nitrobenzene-d5	40	24.68	62		20	125
			2-Nitrophenol-d4	40	27.54	69		20	130
		BN034401.D	2-Nitrophenol-d4	40	26.16	65		20	130
			2,4-Dichlorophenol-d3	40	23.80	59		20	120
		BN034391.D	2,4-Dichlorophenol-d3	40	24.89	62		20	120
			4-Chloroaniline-d4	40	23.80	59		1	146
		BN034401.D	4-Chloroaniline-d4	40	22.61	57		1	146
			Dimethylphthalate-d6	40	23.29	58		25	130
		BN034391.D	Dimethylphthalate-d6	40	26.16	65		25	130
			Acenaphthylene-d8	40	24.95	62		10	130
		BN034401.D	Acenaphthylene-d8	40	24.66	62		10	130
			4-Nitrophenol-d4	40	12.74	32		10	150
		BN034391.D	4-Nitrophenol-d4	40	17.72	44		10	150
			Fluorene-d10	40	25.18	63		25	125
		BN034401.D	Fluorene-d10	40	23.73	59		25	125
			4,6-Dinitro-2-methylphenol-d2	40	15.82	40		10	130
		BN034391.D	4,6-Dinitro-2-methylphenol-d2	40	9.10	23		10	130
			Anthracene-d10	40	25.58	64		25	130
		BN034401.D	Anthracene-d10	40	24.76	62		25	130
			Pyrene-d10	40	27.99	70		15	130
		BN034391.D	Pyrene-d10	40	27.74	69		15	130
			Benzo(a)pyrene-d12	40	27.79	69		20	130
		BN034401.D	Benzo(a)pyrene-d12	40	26.68	67		20	130
PB163807BS	PB163807BS	BN034423.D	1,4-Dioxane-d8	8	5.16	65		15	120
			Pyridine-d5	40	22.35	56		20	120
			Phenol-d5	40	23.36	58		10	130

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Surrogate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB163807BS	PB163807BS	BN034423.D	Bis(2-Chloroethyl)ether-d8	40	22.81	57		25	120
			2-Chlorophenol-d4	40	26.30	66		20	130
			4-Methylphenol-d8	40	23.20	58		25	125
			Nitrobenzene-d5	40	27.12	68		20	125
			2-Nitrophenol-d4	40	28.45	71		20	130
			2,4-Dichlorophenol-d3	40	27.09	68		20	120
			4-Chloroaniline-d4	40	25.00	63		1	146
			Dimethylphthalate-d6	40	26.75	67		25	130
			Acenaphthylene-d8	40	27.12	68		10	130
			4-Nitrophenol-d4	40	22.27	56		10	150
			Fluorene-d10	40	26.53	66		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.54	61		10	130
			Anthracene-d10	40	26.55	66		25	130
			Pyrene-d10	40	26.23	66		15	130
			Benzo(a)pyrene-d12	40	28.19	70		20	130

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Surrogate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4227-19	FB(20240925)	BN034399.D	Pyridine-d5	40	4.18	10	*	20	120
			1,4-Dioxane-d8	8	4.35	54		15	120
			Phenol-d5	40	9.44	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.53	64		25	120
			2-Chlorophenol-d4	40	26.44	66		20	130
			4-Methylphenol-d8	40	18.96	47		25	125
			Nitrobenzene-d5	40	30.84	77		20	125
			2-Nitrophenol-d4	40	32.76	82		20	130
			2,4-Dichlorophenol-d3	40	28.89	72		20	120
			4-Chloroaniline-d4	40	10.86	27		1	146
			Dimethylphthalate-d6	40	30.03	75		25	130
			Acenaphthylene-d8	40	29.52	74		10	130
			4-Nitrophenol-d4	40	3.28	8	*	10	150
			Fluorene-d10	40	29.62	74		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.34	58		10	130
			Anthracene-d10	40	32.30	81		25	130
			Pyrene-d10	40	37.13	93		15	130
			Benzo(a)pyrene-d12	40	34.44	86		20	130
P4227-20	FB(20240926)	BN034403.D	1,4-Dioxane-d8	8	4.79	60		15	120
			Pyridine-d5	40	4.20	10	*	20	120
			Phenol-d5	40	7.83	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.13	58		25	120
			2-Chlorophenol-d4	40	24.52	61		20	130
			4-Methylphenol-d8	40	17.23	43		25	125
			Nitrobenzene-d5	40	28.34	71		20	125
			2-Nitrophenol-d4	40	29.02	73		20	130
			2,4-Dichlorophenol-d3	40	26.87	67		20	120
			4-Chloroaniline-d4	40	10.90	27		1	146
			Dimethylphthalate-d6	40	27.99	70		25	130
			Acenaphthylene-d8	40	27.72	69		10	130
			4-Nitrophenol-d4	40	3.58	9	*	10	150
			Fluorene-d10	40	27.65	69		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.34	53		10	130
			Anthracene-d10	40	29.50	74		25	130
			Pyrene-d10	40	28.93	72		15	130
			Benzo(a)pyrene-d12	40	29.48	74		20	130
P4227-21	FB(20240927)	BN034407.D	1,4-Dioxane-d8	8	4.57	57		15	120
			Pyridine-d5	40	3.79	9	*	20	120
			Phenol-d5	40	7.20	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.38	63		25	120
			2-Chlorophenol-d4	40	25.94	65		20	130
			4-Methylphenol-d8	40	16.34	41		25	125
			Nitrobenzene-d5	40	31.63	79		20	125
			2-Nitrophenol-d4	40	33.74	84		20	130
			2,4-Dichlorophenol-d3	40	30.01	75		20	120
			4-Chloroaniline-d4	40	19.30	48		1	146
			Dimethylphthalate-d6	40	30.54	76		25	130
			Acenaphthylene-d8	40	31.52	79		10	130
			4-Nitrophenol-d4	40	3.47	9	*	10	150

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Surrogate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4227-21	FB(20240927)	BN034407.D	Fluorene-d10	40	29.81	75		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.63	64		10	130
			Anthracene-d10	40	32.72	82		25	130
			Pyrene-d10	40	33.65	84		15	130
			Benzo(a)pyrene-d12	40	34.54	86		20	130
P4227-22	EB(20240927)	BN034416.D	1,4-Dioxane-d8	8	4.66	58		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	10.63	27		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.81	65		25	120
			2-Chlorophenol-d4	40	28.92	72		20	130
			4-Methylphenol-d8	40	20.17	50		25	125
			Nitrobenzene-d5	40	32.33	81		20	125
			2-Nitrophenol-d4	40	34.45	86		20	130
			2,4-Dichlorophenol-d3	40	31.45	79		20	120
			4-Chloroaniline-d4	40	11.46	29		1	146
			Dimethylphthalate-d6	40	31.40	79		25	130
			Acenaphthylene-d8	40	31.10	78		10	130
			4-Nitrophenol-d4	40	7.01	18		10	150
			Fluorene-d10	40	31.12	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.98	67		10	130
			Anthracene-d10	40	33.69	84		25	130
			Pyrene-d10	40	33.18	83		15	130
			Benzo(a)pyrene-d12	40	34.77	87		20	130
P4228-01	E0CP6	BN034394.D	1,4-Dioxane-d8	8	4.24	53		15	120
			Pyridine-d5	40	6.45	16	*	20	120
			Phenol-d5	40	6.72	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.32	58		25	120
			2-Chlorophenol-d4	40	24.39	61		20	130
			4-Methylphenol-d8	40	15.06	38		25	125
			Nitrobenzene-d5	40	27.92	70		20	125
			2-Nitrophenol-d4	40	30.27	76		20	130
			2,4-Dichlorophenol-d3	40	26.81	67		20	120
			4-Chloroaniline-d4	40	19.82	50		1	146
			Dimethylphthalate-d6	40	29.96	75		25	130
			Acenaphthylene-d8	40	28.87	72		10	130
			4-Nitrophenol-d4	40	4.04	10		10	150
			Fluorene-d10	40	29.21	73		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.56	56		10	130
			Anthracene-d10	40	32.45	81		25	130
			Pyrene-d10	40	36.01	90		15	130
			Benzo(a)pyrene-d12	40	32.56	81		20	130
P4228-02	E0CP7	BN034395.D	1,4-Dioxane-d8	8	4.13	52		15	120
			Pyridine-d5	40	6.64	17	*	20	120
			Phenol-d5	40	7.93	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.45	56		25	120
			2-Chlorophenol-d4	40	24.94	62		20	130
			4-Methylphenol-d8	40	16.17	40		25	125
			Nitrobenzene-d5	40	28.24	71		20	125
			2-Nitrophenol-d4	40	31.02	78		20	130

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Surrogate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4228-02	E0CP7	BN034395.D	2,4-Dichlorophenol-d3	40	28.42	71		20	120
			4-Chloroaniline-d4	40	20.26	51		1	146
			Dimethylphthalate-d6	40	29.04	73		25	130
			Acenaphthylene-d8	40	29.97	75		10	130
			4-Nitrophenol-d4	40	6.27	16		10	150
			Fluorene-d10	40	30.49	76		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.15	58		10	130
			Anthracene-d10	40	31.68	79		25	130
			Pyrene-d10	40	32.73	82		15	130
			Benzo(a)pyrene-d12	40	32.69	82		20	130
PB163808BL	PB163808BL	BN034392.D	1,4-Dioxane-d8	8	4.64	58		15	120
			Pyridine-d5	40	19.98	50		20	120
			Phenol-d5	40	19.74	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.35	48		25	120
			2-Chlorophenol-d4	40	22.74	57		20	130
			4-Methylphenol-d8	40	19.78	49		25	125
			Nitrobenzene-d5	40	23.26	58		20	125
			2-Nitrophenol-d4	40	25.15	63		20	130
			2,4-Dichlorophenol-d3	40	22.64	57		20	120
			4-Chloroaniline-d4	40	21.95	55		1	146
			Dimethylphthalate-d6	40	24.00	60		25	130
			Acenaphthylene-d8	40	23.46	59		10	130
			4-Nitrophenol-d4	40	14.39	36		10	150
			Fluorene-d10	40	23.13	58		25	125
			4,6-Dinitro-2-methylphenol-d2	40	9.35	23		10	130
			Anthracene-d10	40	23.82	60		25	130
			Pyrene-d10	40	28.05	70		15	130
			Benzo(a)pyrene-d12	40	25.06	63		20	130
PB163808BS	PB163808BS	BN034393.D	1,4-Dioxane-d8	8	5.47	68		15	120
			Pyridine-d5	40	22.90	57		20	120
			Phenol-d5	40	22.58	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.01	55		25	120
			2-Chlorophenol-d4	40	25.59	64		20	130
			4-Methylphenol-d8	40	22.02	55		25	125
			Nitrobenzene-d5	40	27.09	68		20	125
			2-Nitrophenol-d4	40	28.97	72		20	130
			2,4-Dichlorophenol-d3	40	26.64	67		20	120
			4-Chloroaniline-d4	40	23.79	59		1	146
			Dimethylphthalate-d6	40	24.84	62		25	130
			Acenaphthylene-d8	40	26.83	67		10	130
			4-Nitrophenol-d4	40	18.93	47		10	150
			Fluorene-d10	40	24.81	62		25	125
			4,6-Dinitro-2-methylphenol-d2	40	19.77	49		10	130
			Anthracene-d10	40	26.25	66		25	130
			Pyrene-d10	40	28.57	71		15	130
			Benzo(a)pyrene-d12	40	27.22	68		20	130

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Surrogate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4218-02MS	E1H08MS	BN034418.D	1,4-Dioxane-d8	80	45.58	57		15	120
			Pyridine-d5	400	83.13	20		20	120
			Phenol-d5	400	99.09	24		10	130
			Bis(2-Chloroethyl)ether-d8	400	287.32	71		25	120
			2-Chlorophenol-d4	400	308.72	77		20	130
			4-Methylphenol-d8	400	200.04	50		25	125
			Nitrobenzene-d5	400	364.07	91		20	125
			2-Nitrophenol-d4	400	395.55	98		20	130
			2,4-Dichlorophenol-d3	400	363.90	91		20	120
			4-Chloroaniline-d4	400	274.65	68		1	146
			Dimethylphthalate-d6	400	357.19	89		25	130
			Acenaphthylene-d8	400	358.25	89		10	130
			4-Nitrophenol-d4	400	103.07	25		10	150
			Fluorene-d10	400	354.80	88		25	125
			4,6-Dinitro-2-methylphenol-d2	400	379.40	94		10	130
			Anthracene-d10	400	366.91	91		25	130
			Pyrene-d10	400	398.83	99		15	130
			Benzo(a)pyrene-d12	400	396.24	99		20	130
P4218-03MSD	E1H08MSD	BN034419.D	1,4-Dioxane-d8	80	47.49	59		15	120
			Pyridine-d5	400	80.14	20		20	120
			Phenol-d5	400	97.33	24		10	130
			Bis(2-Chloroethyl)ether-d8	400	281.79	70		25	120
			2-Chlorophenol-d4	400	302.90	75		20	130
			4-Methylphenol-d8	400	195.59	48		25	125
			Nitrobenzene-d5	400	354.17	88		20	125
			2-Nitrophenol-d4	400	383.79	95		20	130
			2,4-Dichlorophenol-d3	400	352.81	88		20	120
			4-Chloroaniline-d4	400	265.39	66		1	146
			Dimethylphthalate-d6	400	352.50	88		25	130
			Acenaphthylene-d8	400	348.47	87		10	130
			4-Nitrophenol-d4	400	105.98	26		10	150
			Fluorene-d10	400	350.69	87		25	125
			4,6-Dinitro-2-methylphenol-d2	400	373.52	93		10	130
			Anthracene-d10	400	355.58	88		25	130
			Pyrene-d10	400	367.64	91		15	130
			Benzo(a)pyrene-d12	400	381.63	95		20	130
PB163748TB	PB163748TB	BN034429.D	1,4-Dioxane-d8	80	53.28	66		15	120
			Pyridine-d5	400	217.58	54		20	120
			Phenol-d5	400	213.23	53		10	130
			Bis(2-Chloroethyl)ether-d8	400	218.99	54		25	120
			2-Chlorophenol-d4	400	246.95	61		20	130
			4-Methylphenol-d8	400	216.95	54		25	125
			Nitrobenzene-d5	400	255.67	63		20	125
			2-Nitrophenol-d4	400	267.37	66		20	130
			2,4-Dichlorophenol-d3	400	248.15	62		20	120
			4-Chloroaniline-d4	400	237.90	59		1	146
			Dimethylphthalate-d6	400	277.70	69		25	130
			Acenaphthylene-d8	400	262.02	65		10	130
			4-Nitrophenol-d4	400	177.27	44		10	150

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Surrogate Summary

SW-846

SDG No.: BN100424

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB163748TB	PB163748TB	BN034429.D	Fluorene-d10	400	263.54	65		25	125
			4,6-Dinitro-2-methylphenol-d2	400	206.85	51		10	130
			Anthracene-d10	400	264.73	66		25	130
			Pyrene-d10	400	297.05	74		15	130
			Benzo(a)pyrene-d12	400	280.80	70		20	130
PB163831BL	PB163831BL	BN034428.D	1,4-Dioxane-d8	8	5.11	64		15	120
			Pyridine-d5	40	21.74	54		20	120
			Phenol-d5	40	21.81	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.98	55		25	120
			2-Chlorophenol-d4	40	24.92	62		20	130
			4-Methylphenol-d8	40	21.62	54		25	125
			Nitrobenzene-d5	40	25.66	64		20	125
			2-Nitrophenol-d4	40	26.79	67		20	130
			2,4-Dichlorophenol-d3	40	24.51	61		20	120
			4-Chloroaniline-d4	40	23.99	60		1	146
			Dimethylphthalate-d6	40	26.37	66		25	130
			Acenaphthylene-d8	40	25.83	65		10	130
			4-Nitrophenol-d4	40	16.26	41		10	150
			Fluorene-d10	40	26.17	65		25	125
			4,6-Dinitro-2-methylphenol-d2	40	19.15	48		10	130
			Anthracene-d10	40	27.14	68		25	130
			Pyrene-d10	40	28.37	71		15	130
			Benzo(a)pyrene-d12	40	28.34	71		20	130
PB163831BS	PB163831BS	BN034431.D	1,4-Dioxane-d8	8	5.43	68		15	120
			Pyridine-d5	40	22.69	57		20	120
			Phenol-d5	40	23.29	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.22	58		25	120
			2-Chlorophenol-d4	40	26.62	67		20	130
			4-Methylphenol-d8	40	22.95	57		25	125
			Nitrobenzene-d5	40	27.55	69		20	125
			2-Nitrophenol-d4	40	27.85	70		20	130
			2,4-Dichlorophenol-d3	40	27.50	69		20	120
			4-Chloroaniline-d4	40	24.70	62		1	146
			Dimethylphthalate-d6	40	27.97	70		25	130
			Acenaphthylene-d8	40	27.90	70		10	130
			4-Nitrophenol-d4	40	23.15	58		10	150
			Fluorene-d10	40	27.35	68		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.09	60		10	130
			Anthracene-d10	40	26.83	67		25	130
			Pyrene-d10	40	26.71	67		15	130
			Benzo(a)pyrene-d12	40	28.81	72		20	130

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN100424

Lab Code: CHEM SAS No.: BN100424 SDG NO.: BN100424

Lab File ID: BN034389.D DFTPP Injection Date: 10/04/2024

Instrument ID: BNA_N DFTPP Injection Time: 12:53

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.6
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	33.9
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	44.3
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27.4
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	11.5
442	Greater than 50% of mass 198	72.1
443	15.0 - 24.0% of mass 442	14.8 (20.6) 2

1-Value is % mass 69 2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020332	SSTDCCC020	BN034390.D	10/04/2024	14:37
SBLK807	PB163807BL	BN034391.D	10/04/2024	15:20
SBLK808	PB163808BL	BN034392.D	10/04/2024	15:59
SLCS808	PB163808BS	BN034393.D	10/04/2024	16:38
E0CP6	P4228-01	BN034394.D	10/04/2024	17:24
E0CP7	P4228-02	BN034395.D	10/04/2024	18:03
PMW-6(20240927)	P4227-13	BN034396.D	10/04/2024	18:42
PMW-7S(20240927)	P4227-14	BN034397.D	10/04/2024	19:21
PMW-10(20240927)	P4227-18	BN034398.D	10/04/2024	20:01
FB(20240925)	P4227-19	BN034399.D	10/04/2024	20:40
SSTD020333	SSTDCCC020	BN034400.D	10/04/2024	21:58
SBLK807	PB163807BL	BN034401.D	10/04/2024	22:38
SBLK787	PB163787BL	BN034402.D	10/04/2024	23:17
FB(20240926)	P4227-20	BN034403.D	10/04/2024	23:56
PMW-7D(20240927)	P4227-15	BN034404.D	10/05/2024	00:35
PMW-7D(20240927)MS	P4227-16MS	BN034405.D	10/05/2024	01:14
PMW-7D(20240927)MSD	P4227-17MSD	BN034406.D	10/05/2024	01:54
FB(20240927)	P4227-21	BN034407.D	10/05/2024	02:33

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN100424

Lab Code: CHEM SAS No.: BN100424 SDG NO.: BN100424

Lab File ID: BN034389.D DFTPP Injection Date: 10/04/2024

Instrument ID: BNA_N DFTPP Injection Time: 12:53

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.6
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	33.9
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	44.3
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27.4
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	11.5
442	Greater than 50% of mass 198	72.1
443	15.0 - 24.0% of mass 442	14.8 (20.6) 2

1-Value is % mass 69 2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
DUP(20240926)	P4227-07	BN034408.D	10/05/2024	03:12
MW-2(MCUA)(20240926)	P4227-08	BN034409.D	10/05/2024	03:51
PMW-5(20240926)	P4227-09	BN034410.D	10/05/2024	04:31
MW-1(MCUA)(20240926)	P4227-10	BN034411.D	10/05/2024	05:10
PMW-3(20240927)	P4227-11	BN034412.D	10/05/2024	05:49
PMW-4(20240927)	P4227-12	BN034413.D	10/05/2024	06:29
SSTD020334	SSTDCCC020	BN034414.D	10/05/2024	07:47
SBLK786	PB163786BL	BN034415.D	10/05/2024	08:27
EB(20240927)	P4227-22	BN034416.D	10/05/2024	09:06
PMW-8S(20240926)	P4227-05	BN034417.D	10/05/2024	09:45
E1H08MS	P4218-02MS	BN034418.D	10/05/2024	11:04
E1H08MSD	P4218-03MSD	BN034419.D	10/05/2024	11:43
PMW-1(20240925)	P4227-01	BN034420.D	10/05/2024	12:22
PMW-2(20240925)	P4227-02	BN034421.D	10/05/2024	13:02
SLCS787	PB163787BS	BN034422.D	10/05/2024	13:41
SLCS807	PB163807BS	BN034423.D	10/05/2024	14:20
PMW-9S(20240926)	P4227-03	BN034424.D	10/05/2024	15:00
PMW-9D(20240926)	P4227-04	BN034425.D	10/05/2024	15:39

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN100424

Lab Code: CHEM SAS No.: BN100424 SDG NO.: BN100424

Lab File ID: BN034389.D DFTPP Injection Date: 10/04/2024

Instrument ID: BNA_N DFTPP Injection Time: 12:53

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.6
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	33.9
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197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
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365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	11.5
442	Greater than 50% of mass 198	72.1
443	15.0 - 24.0% of mass 442	14.8 (20.6) 2

1-Value is % mass 69 2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
PMW-8D(20240926)	P4227-06	BN034426.D	10/05/2024	16:18
SSTD020335	SSTDCCC020	BN034427.D	10/05/2024	17:37
SBLK831	PB163831BL	BN034428.D	10/05/2024	18:16
SLEB748	PB163748TB	BN034429.D	10/05/2024	18:55
SLCS786	PB163786BS	BN034430.D	10/05/2024	19:34
SLCS831	PB163831BS	BN034431.D	10/05/2024	20:13
SSTD020336	SSTDCCC020EC	BN034432.D	10/05/2024	21:32