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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG122024 SAS No.: BG122024 SDG No.: BG122024

Instrument ID: BNA_G Calibration Date/Time: 12/20/2024 1 10:18

Lab File ID: BG063764.D Init. Calib. Date(s):

EPA Sample No.: SSTD020576 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.604	0.578	0.010	-4.2418	40.0
Benzaldehyde	1.130	1.244	0.010	10.1391	40.0
Pyridine	1.724	1.807	0.010	4.7817	40.0
Phenol	1.963	1.838	0.080	-6.3666	20.0
Bis(2-Chloroethyl)ether	1.502	1.408	0.100	-6.2298	20.0
2-Chlorophenol	1.207	1.222	0.200	1.21	20.0
2-Methylphenol	1.419	1.381	0.010	-2.6698	20.0
2,2-oxybis(1-Chloropropane)	2.230	2.127	0.010	-4.6022	40.0
Acetophenone	2.426	2.355	0.060	-2.9048	20.0
4-Methylphenol	1.553	1.528	0.010	-1.5751	20.0
N-Nitroso-di-n-propylamine	1.447	1.326	0.050	-8.3698	30.0
Hexachloroethane	0.593	0.548	0.100	-7.6907	20.0
Nitrobenzene	0.477	0.456	0.050	-4.4065	25.0
Isophorone	0.901	0.880	0.050	-2.3604	25.0
2-Nitrophenol	0.165	0.175	0.050	6.2928	25.0
2,4-Dimethylphenol	0.373	0.376	0.050	0.769	25.0
Bis(2-Chloroethoxy)methane	0.487	0.489	0.050	0.2575	20.0
2,4-Dichlorophenol	0.308	0.328	0.060	6.4592	20.0
Naphthalene	1.000	1.016	0.200	1.5798	20.0
4-Chloroaniline	0.374	0.394	0.010	5.1781	40.0
Hexachlorobutadiene	0.250	0.230	0.040	-7.9917	30.0
Caprolactam	0.106	0.125	0.010	17.6225	40.0
4-Chloro-3-methylphenol	0.362	0.371	0.040	2.7175	25.0
1-Methylnaphthalene	0.732	0.742	0.100	1.4141	20.0
2-Methylnaphthalene	0.719	0.738	0.100	2.735	20.0
Hexachlorocyclopentadiene	0.253	0.206	0.010	-18.7543	40.0
2,4,6-Trichlorophenol	0.362	0.360	0.090	-0.5098	25.0
2,4,5-Trichlorophenol	0.378	0.381	0.100	0.8153	25.0
1,1-Biphenyl	1.319	1.355	0.200	2.7125	20.0
2-Chloronaphthalene	1.059	1.063	0.300	0.3367	20.0
2-Nitroaniline	0.355	0.383	0.050	7.8752	40.0
Dimethylphthalate	1.364	1.409	0.300	3.3368	20.0
2,6-Dinitrotoluene	0.253	0.278	0.080	9.8267	30.0
Acenaphthylene	1.663	1.729	0.400	3.9399	20.0
3-Nitroaniline	0.234	0.275	0.010	17.4311	40.0
Acenaphthene	1.179	1.235	0.200	4.785	20.0
2,4-Dinitrophenol	0.129	0.110	0.010	-15.0922	40.0
4-Nitrophenol	0.200	0.158	0.010	-20.9101	40.0
Dibenzofuran	1.662	1.815	0.300	9.1953	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG122024 SAS No.: BG122024 SDG No.: BG122024

Instrument ID: BNA_G Calibration Date/Time: 12/20/2024 1 10:18

Lab File ID: BG063764.D Init. Calib. Date(s):

EPA Sample No.: SSTD020576 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.376	0.435	0.070	15.6809	30.0
Diethylphthalate	1.319	1.477	0.300	12.0143	20.0
Fluorene	1.327	1.518	0.200	14.3862	20.0
4-Chlorophenyl-phenylether	0.739	0.798	0.100	7.9112	20.0
4-Nitroaniline	0.234	0.314	0.010	33.9726	40.0
4,6-Dinitro-2-methylphenol	0.107	0.095	0.010	-11.1918	40.0
N-Nitrosodiphenylamine	0.484	0.488	0.050	0.8618	20.0
1,2,4,5-Tetrachlorobenzene	0.640	0.591	0.100	-7.6465	20.0
4-Bromophenyl-phenylether	0.204	0.201	0.070	-1.3417	20.0
Hexachlorobenzene	0.228	0.229	0.050	0.3346	25.0
Atrazine	0.205	0.215	0.010	5.0512	25.0
Pentachlorophenol	0.096	0.073	0.010	-24.1591	40.0
Phenanthrene	0.964	1.036	0.200	7.4887	20.0
Pentachlorobenzene	0.264	0.230	0.050	-12.8266	20.0
Anthracene	0.975	1.081	0.200	10.849	20.0
1,2,3,4-Tetrachlorobenzene	0.267	0.226	0.050	-15.3612	20.0
Carbazole	0.790	0.923	0.050	16.8613	40.0
Di-n-butylphthalate	0.954	1.079	0.500	13.097	25.0
Fluoranthene	1.183	1.270	0.400	7.3309	25.0
Pyrene	1.259	1.340	0.400	6.4879	25.0
Butylbenzylphthalate	0.386	0.439	0.100	13.6936	40.0
3,3-Dichlorobenzidine	0.361	0.379	0.010	5.0009	40.0
Benzo(a)anthracene	1.253	1.275	0.300	1.749	30.0
Chrysene	1.195	1.222	0.200	2.3301	30.0
Bis(2-ethylhexyl)phthalate	0.562	0.644	0.200	14.6685	40.0
Di-n-octyl phthalate	0.863	1.050	0.010	21.6155	40.0
Benzo(b)fluoranthene	1.137	1.164	0.200	2.3631	25.0
Benzo(k)fluoranthene	1.134	1.224	0.200	7.9176	25.0
Benzo(a)pyrene	1.067	1.109	0.200	3.9097	20.0
Indeno(1,2,3-cd)pyrene	1.303	1.364	0.200	4.6719	25.0
Dibenzo(a,h)anthracene	1.043	1.114	0.200	6.8204	30.0
Benzo(g,h,i)perylene	1.034	1.055	0.200	2.0045	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.359	0.040	10.396	20.0
1,4-Dioxane-d8	0.510	0.499	0.010	-2.2535	25.0
Pyridine-d5	1.610	1.692	0.010	5.1234	40.0
Phenol-d5	1.842	1.730	0.010	-6.0644	25.0
Bis-(2-Chloroethyl)ether-d8	1.272	1.155	0.050	-9.1844	25.0
2-Chlorophenol-d4	1.193	1.150	0.200	-3.5339	20.0
4-Methylphenol-d8	1.430	1.352	0.010	-5.4911	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG122024 SAS No.: BG122024 SDG No.: BG122024

Instrument ID: BNA_G Calibration Date/Time: 12/20/2024 1 10:18

Lab File ID: BG063764.D Init. Calib. Date(s):

EPA Sample No.: SSTD020576 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.143	0.144	0.050	1.1809	20.0
2-Nitrophenol-d4	0.160	0.167	0.050	4.0964	30.0
2,4-Dichlorophenol-d3	0.310	0.330	0.060	6.4847	20.0
4-Chloroaniline-d4	0.394	0.416	0.010	5.7036	40.0
Dimethylphthalate-d6	1.361	1.380	0.300	1.3737	20.0
Acenaphthylene-d8	1.551	1.629	0.400	5.0087	20.0
4-Nitrophenol-d4	0.193	0.193	0.010	0.0416	40.0
Fluorene-d10	1.203	1.364	0.100	13.3807	20.0
4,6-Dinitro-2-methylphenol-d2	0.104	0.095	0.010	-8.2427	40.0
Anthracene-d10	0.860	0.920	0.300	7.0449	20.0
Pyrene-d10	1.041	1.065	0.300	2.2985	25.0
Benzo(a)pyrene-d12	0.939	0.973	0.010	3.5802	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.: BG122024 SAS No.: BG122024 SDG No.: BG122024

Instrument ID: BNA_G Calibration Date/Time: 12/20/2024 1 19:07

Lab File ID: BG063777.D Init. Calib. Date(s):

EPA Sample No.: SSTD020577 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.604	0.565	0.010	-6.4002	50.0
Benzaldehyde	1.130	1.363	0.010	20.6029	50.0
Pyridine	1.724	1.633	0.010	-5.3303	50.0
Phenol	1.963	2.060	0.080	4.9158	50.0
Bis(2-Chloroethyl)ether	1.502	1.553	0.100	3.3944	50.0
2-Chlorophenol	1.207	1.268	0.200	5.0457	50.0
2-Methylphenol	1.419	1.445	0.010	1.8635	50.0
2,2-oxybis(1-Chloropropane)	2.230	2.217	0.010	-0.5521	50.0
Acetophenone	2.426	2.503	0.060	3.1912	50.0
4-Methylphenol	1.553	1.627	0.010	4.7663	50.0
N-Nitroso-di-n-propylamine	1.447	1.432	0.050	-1.0443	50.0
Hexachloroethane	0.593	0.557	0.100	-6.0146	50.0
Nitrobenzene	0.477	0.484	0.050	1.5374	50.0
Isophorone	0.901	0.894	0.050	-0.8065	50.0
2-Nitrophenol	0.165	0.186	0.050	12.8539	50.0
2,4-Dimethylphenol	0.373	0.389	0.050	4.3325	50.0
Bis(2-Chloroethoxy)methane	0.487	0.498	0.050	2.2581	50.0
2,4-Dichlorophenol	0.308	0.335	0.060	8.7671	50.0
Naphthalene	1.000	1.029	0.200	2.9129	50.0
4-Chloroaniline	0.374	0.406	0.010	8.3608	50.0
Hexachlorobutadiene	0.250	0.242	0.040	-3.4464	50.0
Caprolactam	0.106	0.131	0.010	22.6188	50.0
4-Chloro-3-methylphenol	0.362	0.393	0.040	8.7833	50.0
1-Methylnaphthalene	0.732	0.765	0.100	4.4497	50.0
2-Methylnaphthalene	0.719	0.755	0.100	5.1119	50.0
Hexachlorocyclopentadiene	0.253	0.257	0.010	1.4763	50.0
2,4,6-Trichlorophenol	0.362	0.358	0.090	-0.9867	50.0
2,4,5-Trichlorophenol	0.378	0.388	0.100	2.8302	50.0
1,1-Biphenyl	1.319	1.339	0.200	1.5422	50.0
2-Chloronaphthalene	1.059	1.071	0.300	1.0961	50.0
2-Nitroaniline	0.355	0.389	0.050	9.6751	50.0
Dimethylphthalate	1.364	1.409	0.300	3.2769	50.0
2,6-Dinitrotoluene	0.253	0.289	0.080	13.9382	50.0
Acenaphthylene	1.663	1.752	0.400	5.3368	50.0
3-Nitroaniline	0.234	0.301	0.010	28.4972	50.0
Acenaphthene	1.179	1.240	0.200	5.1395	50.0
2,4-Dinitrophenol	0.129	0.113	0.010	-12.5181	50.0
4-Nitrophenol	0.200	0.189	0.010	-5.4843	50.0
Dibenzofuran	1.662	1.813	0.300	9.087	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG122024 SAS No.: BG122024 SDG No.: BG122024

Instrument ID: BNA_G Calibration Date/Time: 12/20/2024 19:07

Lab File ID: BG063777.D Init. Calib. Date(s):

EPA Sample No.: SSTD020577 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.376	0.457	0.070	21.4598	50.0
Diethylphthalate	1.319	1.471	0.300	11.5751	50.0
Fluorene	1.327	1.506	0.200	13.4329	50.0
4-Chlorophenyl-phenylether	0.739	0.804	0.100	8.7494	50.0
4-Nitroaniline	0.234	0.320	0.010	36.5902	50.0
4,6-Dinitro-2-methylphenol	0.107	0.105	0.010	-2.278	50.0
N-Nitrosodiphenylamine	0.484	0.506	0.050	4.5388	50.0
1,2,4,5-Tetrachlorobenzene	0.640	0.591	0.100	-7.659	50.0
4-Bromophenyl-phenylether	0.204	0.206	0.070	1.052	50.0
Hexachlorobenzene	0.228	0.231	0.050	1.1988	50.0
Atrazine	0.205	0.225	0.010	9.9032	50.0
Pentachlorophenol	0.096	0.081	0.010	-15.6438	50.0
Phenanthrene	0.964	1.058	0.200	9.7844	50.0
Pentachlorobenzene	0.264	0.245	0.050	-7.3978	50.0
Anthracene	0.975	1.085	0.200	11.1798	50.0
1,2,3,4-Tetrachlorobenzene	0.267	0.230	0.050	-13.6216	50.0
Carbazole	0.790	0.941	0.050	19.1518	50.0
Di-n-butylphthalate	0.954	1.113	0.500	16.7375	50.0
Fluoranthene	1.183	1.288	0.400	8.9045	50.0
Pyrene	1.259	1.358	0.400	7.9211	50.0
Butylbenzylphthalate	0.386	0.444	0.100	15.0407	50.0
3,3-Dichlorobenzidine	0.361	0.393	0.010	8.9061	50.0
Benzo(a)anthracene	1.253	1.292	0.300	3.0957	50.0
Chrysene	1.195	1.243	0.200	4.0823	50.0
Bis(2-ethylhexyl)phthalate	0.562	0.665	0.200	18.2869	50.0
Di-n-octyl phthalate	0.863	1.073	0.010	24.2852	50.0
Benzo(b)fluoranthene	1.137	1.220	0.200	7.333	50.0
Benzo(k)fluoranthene	1.134	1.211	0.200	6.8464	50.0
Benzo(a)pyrene	1.067	1.124	0.200	5.3493	50.0
Indeno(1,2,3-cd)pyrene	1.303	1.405	0.200	7.8019	50.0
Dibenzo(a,h)anthracene	1.043	1.123	0.200	7.7056	50.0
Benzo(g,h,i)perylene	1.034	1.072	0.200	3.6825	50.0
2,3,4,6-Tetrachlorophenol	0.326	0.350	0.040	7.3846	50.0
1,4-Dioxane-d8	0.510	0.491	0.010	-3.7907	50.0
Pyridine-d5	1.610	1.589	0.010	-1.3102	50.0
Phenol-d5	1.842	1.914	0.010	3.9285	50.0
Bis-(2-Chloroethyl)ether-d8	1.272	1.274	0.050	0.1787	50.0
2-Chlorophenol-d4	1.193	1.242	0.200	4.1694	50.0
4-Methylphenol-d8	1.430	1.463	0.010	2.3289	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG122024 SAS No.: BG122024 SDG No.: BG122024

Instrument ID: BNA_G Calibration Date/Time: 12/20/2024 1 19:07

Lab File ID: BG063777.D Init. Calib. Date(s):

EPA Sample No.: SSTD020577 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.143	0.150	0.050	5.0324	50.0
2-Nitrophenol-d4	0.160	0.177	0.050	10.6846	50.0
2,4-Dichlorophenol-d3	0.310	0.329	0.060	6.2125	50.0
4-Chloroaniline-d4	0.394	0.420	0.010	6.6931	50.0
Dimethylphthalate-d6	1.361	1.395	0.300	2.4979	50.0
Acenaphthylene-d8	1.551	1.626	0.400	4.8111	50.0
4-Nitrophenol-d4	0.193	0.212	0.010	9.7404	50.0
Fluorene-d10	1.203	1.358	0.100	12.8653	50.0
4,6-Dinitro-2-methylphenol-d2	0.104	0.104	0.010	0.0949	50.0
Anthracene-d10	0.860	0.928	0.300	7.9164	50.0
Pyrene-d10	1.041	1.088	0.300	4.5241	50.0
Benzo(a)pyrene-d12	0.939	0.998	0.010	6.2138	50.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	12/18/2024 12:00:00 AM
Project:				Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SBLK768			SDG No.:	BG122024
Lab Sample ID:	PB165768BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063765.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	12/18/2024 12:00:00 AM
Project:				Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SBLK768			SDG No.:	BG122024
Lab Sample ID:	PB165768BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063765.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	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	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	12/18/2024 12:00:00 AM
Project:				Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SBLK768			SDG No.:	BG122024
Lab Sample ID:	PB165768BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063765.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.869		15-120		73	SPK: -8
7291-22-7	Pyridine-d5	27.938		20-120		70	SPK: -40
4165-62-2	Phenol-d5	29.225		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.674		25-120		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.587		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	27.761		25-125		69	SPK: -40
4165-60-0	Nitrobenzene-d5	29.649		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.804		20-130		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.401		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.856		1-146		75	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.44		25-130		76	SPK: -40
93951-97-4	Acenaphthylene-d8	31.044		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.521		10-150		79	SPK: -40
81103-79-9	Fluorene-d10	33.654		25-125		84	SPK: -40

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Report of Analysis

Client:				Date Collected:	12/18/2024 12:00:00 AM
Project:				Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SBLK768			SDG No.:	BG122024
Lab Sample ID:	PB165768BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063765.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.593		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	32.299		25-130		81	SPK: -40
1718-52-1	Pyrene-d10	30.937		15-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.353		20-130		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121782	7.801				
1146-65-2	Naphthalene-d8	455308	10.592				
15067-26-2	Acenaphthene-d10	352110	14.44				
1517-22-2	Phenanthrene-d10	969579	17.19				
1719-03-5	Chrysene-d12	1043447	21.438				
1520-96-3	Perylene-d12	1107309	24.452				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	12/18/2024 12:00:00 AM
Project:				Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SBLK771			SDG No.:	BG122024
Lab Sample ID:	PB165771BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063766.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	12/18/2024 12:00:00 AM
Project:				Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SBLK771			SDG No.:	BG122024
Lab Sample ID:	PB165771BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063766.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	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	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	12/18/2024 12:00:00 AM
Project:				Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SBLK771			SDG No.:	BG122024
Lab Sample ID:	PB165771BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063766.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.13		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	26.197		20-120		65	SPK: -40
4165-62-2	Phenol-d5	27.941		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.17		25-120		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.195		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	26.54		25-125		66	SPK: -40
4165-60-0	Nitrobenzene-d5	28.411		20-125		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.855		20-130		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.86		20-120		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.607		1-146		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.567		25-130		69	SPK: -40
93951-97-4	Acenaphthylene-d8	29.043		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.721		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	31.099		25-125		78	SPK: -40

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Report of Analysis

Client:				Date Collected:	12/18/2024 12:00:00 AM
Project:				Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SBLK771			SDG No.:	BG122024
Lab Sample ID:	PB165771BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063766.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.996		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	30.056		25-130		75	SPK: -40
1718-52-1	Pyrene-d10	28.282		15-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.539		20-130		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	112134	7.806				
1146-65-2	Naphthalene-d8	439946	10.585				
15067-26-2	Acenaphthene-d10	339221	14.44				
1517-22-2	Phenanthrene-d10	947182	17.189				
1719-03-5	Chrysene-d12	1004108	21.443				
1520-96-3	Perylene-d12	1072137	24.457				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	12/16/2024 12:00:00 AM
Project:				Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AT3			SDG No.:	BG122024
Lab Sample ID:	P5305-01			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
BG063767.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.51	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5.1	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10.1	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5.1	ug/L
95-48-7	2-Methylphenol	0.83	U	0.83	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5.1	10	ug/L
98-86-2	Acetophenone	0.9	U	0.9	5.1	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1	U	1	2.5	5.1	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.94	U	0.94	2.5	5.1	ug/L
91-20-3	Naphthalene	0.71	U	0.71	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.99	U	0.99	2.5	5.1	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.82	U	0.82	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	0.81	U	0.81	2.5	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	12/16/2024 12:00:00 AM
Project:				Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AT3			SDG No.:	BG122024
Lab Sample ID:	P5305-01			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
BG063767.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1	U	1	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	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	1.1	U	1.1	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5.1	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	0.88	U	0.88	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5.1	ug/L
84-66-2	Diethylphthalate	0.88	U	0.88	2.5	5.1	ug/L
86-73-7	Fluorene	0.88	U	0.88	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.97	U	0.97	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.72	U	0.72	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.91	U	0.91	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	0.57	U	0.57	2.5	5.1	ug/L
1912-24-9	Atrazine	0.97	U	0.97	5.1	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5.1	10	ug/L
85-01-8	Phenanthrene	0.98	U	0.98	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
120-12-7	Anthracene	0.73	U	0.73	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.93	U	0.93	2.5	5.1	ug/L
86-74-8	Carbazole	1	U	1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	0.82	U	0.82	2.5	5.1	ug/L
206-44-0	Fluoranthene	0.66	U	0.66	5.1	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	12/16/2024 12:00:00 AM
Project:				Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AT3			SDG No.:	BG122024
Lab Sample ID:	P5305-01			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
BG063767.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.54	U	0.54	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	0.98	U	0.98	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	0.57	U	0.57	2.5	5.1	ug/L
218-01-9	Chrysene	0.76	U	0.76	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.88	U	0.88	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.816		15-120		73	SPK: -8
7291-22-7	Pyridine-d5	4.162	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	8.137		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.235		25-120		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.92		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	19.245		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	34.609		20-125		87	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.405		20-130		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.248		20-120		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.621		1-146		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.276		25-130		86	SPK: -40
93951-97-4	Acenaphthylene-d8	34.25		10-130		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.398		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	37.621		25-125		94	SPK: -40

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Report of Analysis

Client:				Date Collected:	12/16/2024 12:00:00 AM
Project:				Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AT3			SDG No.:	BG122024
Lab Sample ID:	P5305-01			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
BG063767.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.765		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	39.552		25-130		99	SPK: -40
1718-52-1	Pyrene-d10	38.062		15-130		95	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.149		20-130		95	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	107343	7.799				
1146-65-2	Naphthalene-d8	446151	10.59				
15067-26-2	Acenaphthene-d10	353714	14.439				
1517-22-2	Phenanthrene-d10	922101	17.194				
1719-03-5	Chrysene-d12	950349	21.442				
1520-96-3	Perylene-d12	1020388	24.456				
TENTATIVE IDENTIFIED COMPOUNDS							
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	2.9	J			17.858	
E966796	Total Alkanes	1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	12/16/2024 12:00:00 AM
Project:				Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AT7			SDG No.:	BG122024
Lab Sample ID:	P5305-02			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
BG063768.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	12/16/2024 12:00:00 AM
Project:				Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AT7			SDG No.:	BG122024
Lab Sample ID:	P5305-02			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
BG063768.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	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	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	12/16/2024 12:00:00 AM
Project:				Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AT7			SDG No.:	BG122024
Lab Sample ID:	P5305-02			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
BG063768.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.247		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	4.429	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	7.679		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.245		25-120		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.381		20-130		66	SPK: -40
190780-66-6	4-Methylphenol-d8	17.991		25-125		45	SPK: -40
4165-60-0	Nitrobenzene-d5	30.131		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.805		20-130		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.095		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.039		1-146		20	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.85		25-130		80	SPK: -40
93951-97-4	Acenaphthylene-d8	31.794		10-130		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.961		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	34.786		25-125		87	SPK: -40

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Report of Analysis

Client:				Date Collected:	12/16/2024 12:00:00 AM
Project:				Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AT7			SDG No.:	BG122024
Lab Sample ID:	P5305-02			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
BG063768.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.6		10-130		62	SPK: -40
1719-06-8	Anthracene-d10	34.35		25-130		86	SPK: -40
1718-52-1	Pyrene-d10	31.869		15-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.402		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	126494	7.801				
1146-65-2	Naphthalene-d8	511082	10.585				
15067-26-2	Acenaphthene-d10	398598	14.44				
1517-22-2	Phenanthrene-d10	1066237	17.195				
1719-03-5	Chrysene-d12	1106989	21.443				
1520-96-3	Perylene-d12	1156384	24.452				
TENTATIVE IDENTIFIED COMPOUNDS							
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	2.6	J			17.859	
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	12/17/2024 12:00:00 AM
Project:				Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AT8			SDG No.:	BG122024
Lab Sample ID:	P5305-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063769.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	12/17/2024 12:00:00 AM
Project:				Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AT8			SDG No.:	BG122024
Lab Sample ID:	P5305-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063769.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	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	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	12/17/2024 12:00:00 AM
Project:				Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AT8			SDG No.:	BG122024
Lab Sample ID:	P5305-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063769.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.745		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	5.68	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	7.635		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.715		25-120		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.634		20-130		72	SPK: -40
190780-66-6	4-Methylphenol-d8	18.572		25-125		46	SPK: -40
4165-60-0	Nitrobenzene-d5	35.408		20-125		89	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.22		20-130		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.499		20-120		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.606		1-146		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.297		25-130		88	SPK: -40
93951-97-4	Acenaphthylene-d8	35.253		10-130		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.801		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	39.069		25-125		98	SPK: -40

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Report of Analysis

Client:				Date Collected:	12/17/2024 12:00:00 AM
Project:				Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AT8			SDG No.:	BG122024
Lab Sample ID:	P5305-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063769.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.857		10-130		67	SPK: -40
1719-06-8	Anthracene-d10	40.336		25-130		101	SPK: -40
1718-52-1	Pyrene-d10	38.43		15-130		96	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.314		20-130		98	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	111047	7.804				
1146-65-2	Naphthalene-d8	451858	10.589				
15067-26-2	Acenaphthene-d10	351323	14.438				
1517-22-2	Phenanthrene-d10	941650	17.193				
1719-03-5	Chrysene-d12	979706	21.441				
1520-96-3	Perylene-d12	1040009	24.455				
TENTATIVE IDENTIFIED COMPOUNDS							
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	2.9	J			17.857	
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AT9	SDG No.:	BG122024
Lab Sample ID:	P5305-05	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
BG063770.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	12/17/2024 12:00:00 AM
Project:				Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AT9			SDG No.:	BG122024
Lab Sample ID:	P5305-05			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
BG063770.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	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	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	12/17/2024 12:00:00 AM
Project:				Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AT9			SDG No.:	BG122024
Lab Sample ID:	P5305-05			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
BG063770.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.069		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	8.912		20-120		22	SPK: -40
4165-62-2	Phenol-d5	9.667		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.628		25-120		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.89		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	20.39		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	34.613		20-125		87	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.846		20-130		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.986		20-120		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.111		1-146		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.533		25-130		89	SPK: -40
93951-97-4	Acenaphthylene-d8	35.406		10-130		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.63		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	39.698		25-125		99	SPK: -40

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Report of Analysis

Client:				Date Collected:	12/17/2024 12:00:00 AM
Project:				Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AT9			SDG No.:	BG122024
Lab Sample ID:	P5305-05			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
BG063770.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.874		10-130		77	SPK: -40
1719-06-8	Anthracene-d10	38.232		25-130		96	SPK: -40
1718-52-1	Pyrene-d10	38.849		15-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.977		20-130		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	101182	7.8				
1146-65-2	Naphthalene-d8	417975	10.591				
15067-26-2	Acenaphthene-d10	328797	14.44				
1517-22-2	Phenanthrene-d10	871319	17.189				
1719-03-5	Chrysene-d12	892675	21.443				
1520-96-3	Perylene-d12	937712	24.451				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	5.2	J			15.803	
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	12/17/2024 12:00:00 AM
Project:				Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AW2			SDG No.:	BG122024
Lab Sample ID:	P5305-06			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
BG063771.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.51	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5.1	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10.1	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5.1	ug/L
95-48-7	2-Methylphenol	0.83	U	0.83	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5.1	10	ug/L
98-86-2	Acetophenone	0.9	U	0.9	5.1	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1	U	1	2.5	5.1	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.94	U	0.94	2.5	5.1	ug/L
91-20-3	Naphthalene	0.71	U	0.71	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.99	U	0.99	2.5	5.1	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.82	U	0.82	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	0.81	U	0.81	2.5	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	12/17/2024 12:00:00 AM
Project:				Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AW2			SDG No.:	BG122024
Lab Sample ID:	P5305-06			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
BG063771.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1	U	1	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	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	1.1	U	1.1	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5.1	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	0.88	U	0.88	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5.1	ug/L
84-66-2	Diethylphthalate	0.88	U	0.88	2.5	5.1	ug/L
86-73-7	Fluorene	0.88	U	0.88	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.97	U	0.97	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.72	U	0.72	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.91	U	0.91	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	0.57	U	0.57	2.5	5.1	ug/L
1912-24-9	Atrazine	0.97	U	0.97	5.1	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5.1	10	ug/L
85-01-8	Phenanthrene	0.98	U	0.98	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
120-12-7	Anthracene	0.73	U	0.73	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.93	U	0.93	2.5	5.1	ug/L
86-74-8	Carbazole	1	U	1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	0.82	U	0.82	2.5	5.1	ug/L
206-44-0	Fluoranthene	0.66	U	0.66	5.1	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	12/17/2024 12:00:00 AM
Project:				Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AW2			SDG No.:	BG122024
Lab Sample ID:	P5305-06			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
BG063771.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.54	U	0.54	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	0.98	U	0.98	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	0.57	U	0.57	2.5	5.1	ug/L
218-01-9	Chrysene	0.76	U	0.76	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.88	U	0.88	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.18		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	6.633	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	7.308		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.63		25-120		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.952		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	17.791		25-125		44	SPK: -40
4165-60-0	Nitrobenzene-d5	35.111		20-125		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.505		20-130		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.36		20-120		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.558		1-146		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.324		25-130		91	SPK: -40
93951-97-4	Acenaphthylene-d8	36.337		10-130		91	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.265		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	40.01		25-125		100	SPK: -40

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Report of Analysis

Client:				Date Collected:	12/17/2024 12:00:00 AM
Project:				Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AW2			SDG No.:	BG122024
Lab Sample ID:	P5305-06			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
BG063771.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.221		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	40.262		25-130		101	SPK: -40
1718-52-1	Pyrene-d10	39.015		15-130		98	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.025		20-130		100	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119971	7.799				
1146-65-2	Naphthalene-d8	471619	10.59				
15067-26-2	Acenaphthene-d10	355895	14.439				
1517-22-2	Phenanthrene-d10	962013	17.194				
1719-03-5	Chrysene-d12	988172	21.442				
1520-96-3	Perylene-d12	1043333	24.45				
TENTATIVE IDENTIFIED COMPOUNDS							
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	2.7	J			17.858	
E966796	Total Alkanes	1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	12/17/2024 12:00:00 AM
Project:				Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AX4			SDG No.:	BG122024
Lab Sample ID:	P5305-08			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063772.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.51	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5.1	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10.1	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5.1	ug/L
95-48-7	2-Methylphenol	0.83	U	0.83	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5.1	10	ug/L
98-86-2	Acetophenone	0.9	U	0.9	5.1	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1	U	1	2.5	5.1	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.94	U	0.94	2.5	5.1	ug/L
91-20-3	Naphthalene	0.71	U	0.71	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.99	U	0.99	2.5	5.1	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.82	U	0.82	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	0.81	U	0.81	2.5	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	12/17/2024 12:00:00 AM
Project:				Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AX4			SDG No.:	BG122024
Lab Sample ID:	P5305-08			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063772.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1	U	1	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	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	1.1	U	1.1	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5.1	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	0.88	U	0.88	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5.1	ug/L
84-66-2	Diethylphthalate	0.88	U	0.88	2.5	5.1	ug/L
86-73-7	Fluorene	0.88	U	0.88	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.97	U	0.97	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.72	U	0.72	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.91	U	0.91	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	0.57	U	0.57	2.5	5.1	ug/L
1912-24-9	Atrazine	0.97	U	0.97	5.1	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5.1	10	ug/L
85-01-8	Phenanthrene	0.98	U	0.98	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
120-12-7	Anthracene	0.73	U	0.73	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.93	U	0.93	2.5	5.1	ug/L
86-74-8	Carbazole	1	U	1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	0.82	U	0.82	2.5	5.1	ug/L
206-44-0	Fluoranthene	0.66	U	0.66	5.1	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	12/17/2024 12:00:00 AM
Project:				Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AX4			SDG No.:	BG122024
Lab Sample ID:	P5305-08			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063772.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.54	U	0.54	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	0.98	U	0.98	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	0.57	U	0.57	2.5	5.1	ug/L
218-01-9	Chrysene	0.76	U	0.76	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.88	U	0.88	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.856		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	8.962		20-120		22	SPK: -40
4165-62-2	Phenol-d5	10.573		10-130		26	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.086		25-120		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.097		20-130		63	SPK: -40
190780-66-6	4-Methylphenol-d8	19.722		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	29.905		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.926		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.817		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.139		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.693		25-130		77	SPK: -40
93951-97-4	Acenaphthylene-d8	30.42		10-130		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.695		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	34.031		25-125		85	SPK: -40

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Report of Analysis

Client:				Date Collected:	12/17/2024 12:00:00 AM
Project:				Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AX4			SDG No.:	BG122024
Lab Sample ID:	P5305-08			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063772.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.06		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	36.043		25-130		90	SPK: -40
1718-52-1	Pyrene-d10	34.693		15-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.987		20-130		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	118572	7.8				
1146-65-2	Naphthalene-d8	473110	10.591				
15067-26-2	Acenaphthene-d10	375614	14.439				
1517-22-2	Phenanthrene-d10	1012495	17.189				
1719-03-5	Chrysene-d12	1022567	21.437				
1520-96-3	Perylene-d12	1074381	24.451				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-84-5	13-Docosenamide, (Z)-	14	J			22.812	
E966796	Total Alkanes	1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	12/17/2024 12:00:00 AM
Project:				Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AX4MS			SDG No.:	BG122024
Lab Sample ID:	P5305-09MS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063773.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.6		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	22		2.3	5	10	ug/L
110-86-1	Pyridine	12		2.2	10	10	ug/L
108-95-2	Phenol	13		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	29		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	29		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	26		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	28		1.2	5	10	ug/L
98-86-2	Acetophenone	30		0.89	5	10	ug/L
106-44-5	4-Methylphenol	24		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	29		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	19		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	30		0.99	2.5	5	ug/L
78-59-1	Isophorone	31		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	32		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	27		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	31		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	32		0.93	2.5	5	ug/L
91-20-3	Naphthalene	28		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	20		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	23		0.98	2.5	5	ug/L
105-60-2	Caprolactam	11		2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	33		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	31		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	31		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	15		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	34		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	35		0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	12/17/2024 12:00:00 AM
Project:				Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AX4MS			SDG No.:	BG122024
Lab Sample ID:	P5305-09MS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063773.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	32		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	37		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	35		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	38		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	34		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	41		1.5	5	10	ug/L
83-32-9	Acenaphthene	34		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	36		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	14		1.4	5	10	ug/L
132-64-9	Dibenzofuran	36		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	40		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	38		0.87	2.5	5	ug/L
86-73-7	Fluorene	37		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	36		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	47		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	37		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	34		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	30		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	35		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	34		0.56	2.5	5	ug/L
1912-24-9	Atrazine	34		0.96	5	10	ug/L
87-86-5	Pentachlorophenol	32		2.5	5	10	ug/L
85-01-8	Phenanthrene	37		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	31		1.2	2.5	5	ug/L
120-12-7	Anthracene	37		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	28		0.92	2.5	5	ug/L
86-74-8	Carbazole	40		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	39		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	36		0.65	5	5	ug/L

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Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	12/17/2024 12:00:00 AM
Project:				Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AX4MS			SDG No.:	BG122024
Lab Sample ID:	P5305-09MS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063773.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	36		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	40		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	31		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	35		0.56	2.5	5	ug/L
218-01-9	Chrysene	35		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	41		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	44		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	36		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	37		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	36		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	37		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	38		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	37		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	36		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.903		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	10.657		20-120		27	SPK: -40
4165-62-2	Phenol-d5	12.02		10-130		30	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.806		25-120		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.538		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	22.108		25-125		55	SPK: -40
4165-60-0	Nitrobenzene-d5	31.243		20-125		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.437		20-130		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.401		20-120		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.484		1-146		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.713		25-130		84	SPK: -40
93951-97-4	Acenaphthylene-d8	32.888		10-130		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.753		10-150		39	SPK: -40
81103-79-9	Fluorene-d10	35.395		25-125		88	SPK: -40

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Report of Analysis

Client:				Date Collected:	12/17/2024 12:00:00 AM
Project:				Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AX4MS			SDG No.:	BG122024
Lab Sample ID:	P5305-09MS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063773.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.136		10-130		90	SPK: -40
1719-06-8	Anthracene-d10	35.286		25-130		88	SPK: -40
1718-52-1	Pyrene-d10	33.993		15-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.815		20-130		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	126543	7.8				
1146-65-2	Naphthalene-d8	534321	10.591				
15067-26-2	Acenaphthene-d10	400860	14.439				
1517-22-2	Phenanthrene-d10	1033788	17.195				
1719-03-5	Chrysene-d12	1055190	21.443				
1520-96-3	Perylene-d12	1108133	24.457				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	12/17/2024 12:00:00 AM
Project:				Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AX4MSD			SDG No.:	BG122024
Lab Sample ID:	P5305-10MSD			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063774.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.2		1.2	0.51	2	ug/L
100-52-7	Benzaldehyde	24		2.3	5.1	10	ug/L
110-86-1	Pyridine	13		2.2	10.2	10	ug/L
108-95-2	Phenol	15		1.5	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	32		1.3	5.1	10	ug/L
95-57-8	2-Chlorophenol	31		1.2	2.6	5.1	ug/L
95-48-7	2-Methylphenol	28		0.84	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	30		1.2	5.1	10	ug/L
98-86-2	Acetophenone	32		0.91	5.1	10	ug/L
106-44-5	4-Methylphenol	27		1.2	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	32		1.5	2.6	5.1	ug/L
67-72-1	Hexachloroethane	20		1.5	2.6	5.1	ug/L
98-95-3	Nitrobenzene	32		1	2.6	5.1	ug/L
78-59-1	Isophorone	34		1.1	2.6	5.1	ug/L
88-75-5	2-Nitrophenol	35		1.2	2.6	5.1	ug/L
105-67-9	2,4-Dimethylphenol	30		1.1	2.6	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	34		1.2	2.6	5.1	ug/L
120-83-2	2,4-Dichlorophenol	36		0.95	2.6	5.1	ug/L
91-20-3	Naphthalene	31		0.71	2.6	5.1	ug/L
106-47-8	4-Chloroaniline	23		1.8	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	26		1	2.6	5.1	ug/L
105-60-2	Caprolactam	13		3	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	36		2	2.6	5.1	ug/L
90-12-0	1-Methylnaphthalene	34		1	2.6	5.1	ug/L
91-57-6	2-Methylnaphthalene	34		1.6	2.6	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	16		3.2	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	36		0.83	2.6	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	39		0.82	2.6	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	12/17/2024 12:00:00 AM
Project:				Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AX4MSD			SDG No.:	BG122024
Lab Sample ID:	P5305-10MSD			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063774.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34		1	2.6	5.1	ug/L
91-58-7	2-Chloronaphthalene	35		1.1	2.6	5.1	ug/L
88-74-4	2-Nitroaniline	40		1.7	2.6	5.1	ug/L
131-11-3	Dimethylphthalate	38		1.3	2.6	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	41		1.3	2.6	5.1	ug/L
208-96-8	Acenaphthylene	36		1.1	2.6	5.1	ug/L
99-09-2	3-Nitroaniline	44		1.5	5.1	10	ug/L
83-32-9	Acenaphthene	36		1.1	2.6	5.1	ug/L
51-28-5	2,4-Dinitrophenol	41		2.9	5.1	10	ug/L
100-02-7	4-Nitrophenol	14		1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	39		0.89	2.6	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	43		1.1	2.6	5.1	ug/L
84-66-2	Diethylphthalate	40		0.89	2.6	5.1	ug/L
86-73-7	Fluorene	39		0.89	2.6	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	38		0.98	2.6	5.1	ug/L
100-01-6	4-Nitroaniline	52		1.2	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	40		1.2	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	36		0.72	2.6	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	31		0.92	2.6	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	38		1.4	2.6	5.1	ug/L
118-74-1	Hexachlorobenzene	38		0.57	2.6	5.1	ug/L
1912-24-9	Atrazine	37		0.98	5.1	10	ug/L
87-86-5	Pentachlorophenol	36		2.6	5.1	10	ug/L
85-01-8	Phenanthrene	40		0.99	2.6	5.1	ug/L
608-93-5	Pentachlorobenzene	34		1.2	2.6	5.1	ug/L
120-12-7	Anthracene	39		0.73	2.6	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	30		0.94	2.6	5.1	ug/L
86-74-8	Carbazole	43		1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	42		0.83	2.6	5.1	ug/L
206-44-0	Fluoranthene	38		0.66	5.1	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	12/17/2024 12:00:00 AM
Project:				Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AX4MSD			SDG No.:	BG122024
Lab Sample ID:	P5305-10MSD			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063774.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	37		0.54	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	43		0.99	2.6	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	33		1.7	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	37		0.57	2.6	5.1	ug/L
218-01-9	Chrysene	36		0.77	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	43		0.89	2.6	5.1	ug/L
117-84-0	Di-n-octyl phthalate	46		1.5	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	38		1.1	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	39		1.1	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	38		1.1	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	39		1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	40		1.2	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	39		1.1	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	42		1	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.095		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	12.331		20-120		31	SPK: -40
4165-62-2	Phenol-d5	13.001		10-130		33	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.54		25-120		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.088		20-130		73	SPK: -40
190780-66-6	4-Methylphenol-d8	23.837		25-125		60	SPK: -40
4165-60-0	Nitrobenzene-d5	32.61		20-125		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.715		20-130		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.789		20-120		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.867		1-146		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.02		25-130		88	SPK: -40
93951-97-4	Acenaphthylene-d8	33.969		10-130		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.399		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	37.5		25-125		94	SPK: -40

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Report of Analysis

Client:				Date Collected:	12/17/2024 12:00:00 AM
Project:				Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AX4MSD			SDG No.:	BG122024
Lab Sample ID:	P5305-10MSD			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063774.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.643		10-130		92	SPK: -40
1719-06-8	Anthracene-d10	36.903		25-130		92	SPK: -40
1718-52-1	Pyrene-d10	35.102		15-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.96		20-130		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	120810	7.8				
1146-65-2	Naphthalene-d8	511714	10.591				
15067-26-2	Acenaphthene-d10	399117	14.44				
1517-22-2	Phenanthrene-d10	1018307	17.195				
1719-03-5	Chrysene-d12	1037932	21.443				
1520-96-3	Perylene-d12	1090162	24.457				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	12/18/2024 12:00:00 AM
Project:				Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SLCS771			SDG No.:	BG122024
Lab Sample ID:	PB165771BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063775.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	3.8	J	2.3	5	10	ug/L
110-86-1	Pyridine	30		2.2	10	10	ug/L
108-95-2	Phenol	33		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	30		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	33		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	31		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	30		1.2	5	10	ug/L
98-86-2	Acetophenone	29		0.89	5	10	ug/L
106-44-5	4-Methylphenol	31		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	28		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	29		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	32		0.99	2.5	5	ug/L
78-59-1	Isophorone	30		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	34		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	34		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	31		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	35		0.93	2.5	5	ug/L
91-20-3	Naphthalene	32		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	20		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	30		0.98	2.5	5	ug/L
105-60-2	Caprolactam	34		2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	32		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	31		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	31		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	19		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	35		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	35		0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	12/18/2024 12:00:00 AM
Project:				Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SLCS771			SDG No.:	BG122024
Lab Sample ID:	PB165771BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063775.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	32		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	35		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	33		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	36		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	33		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	39		1.5	5	10	ug/L
83-32-9	Acenaphthene	32		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	33		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	31		1.4	5	10	ug/L
132-64-9	Dibenzofuran	34		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	38		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	35		0.87	2.5	5	ug/L
86-73-7	Fluorene	35		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	34		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	47		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	34		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	32		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	30		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	31		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	32		0.56	2.5	5	ug/L
1912-24-9	Atrazine	33		0.96	5	10	ug/L
87-86-5	Pentachlorophenol	32		2.5	5	10	ug/L
85-01-8	Phenanthrene	34		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	29		1.2	2.5	5	ug/L
120-12-7	Anthracene	34		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	28		0.92	2.5	5	ug/L
86-74-8	Carbazole	38		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	36		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	31		0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	12/18/2024 12:00:00 AM
Project:				Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SLCS771			SDG No.:	BG122024
Lab Sample ID:	PB165771BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063775.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	31		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	36		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	32		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	32		0.56	2.5	5	ug/L
218-01-9	Chrysene	32		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	37		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	40		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	33		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	34		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	33		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	34		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	34		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	33		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	37		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.154		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	29.997		20-120		75	SPK: -40
4165-62-2	Phenol-d5	31.432		10-130		79	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.603		25-120		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.628		20-130		79	SPK: -40
190780-66-6	4-Methylphenol-d8	30.735		25-125		77	SPK: -40
4165-60-0	Nitrobenzene-d5	32.3		20-125		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.4		20-130		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.58		20-120		86	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.991		1-146		72	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.15		25-130		80	SPK: -40
93951-97-4	Acenaphthylene-d8	32.597		10-130		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	36.17		10-150		90	SPK: -40
81103-79-9	Fluorene-d10	33.913		25-125		85	SPK: -40

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Report of Analysis

Client:				Date Collected:	12/18/2024 12:00:00 AM
Project:				Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SLCS771			SDG No.:	BG122024
Lab Sample ID:	PB165771BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063775.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.513		10-130		79	SPK: -40
1719-06-8	Anthracene-d10	32.97		25-130		82	SPK: -40
1718-52-1	Pyrene-d10	29.899		15-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.241		20-130		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110082	7.806				
1146-65-2	Naphthalene-d8	433298	10.591				
15067-26-2	Acenaphthene-d10	316651	14.439				
1517-22-2	Phenanthrene-d10	835264	17.195				
1719-03-5	Chrysene-d12	973037	21.443				
1520-96-3	Perylene-d12	1011643	24.457				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SLCS768	SDG No.:	BG122024
Lab Sample ID:	PB165768BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063776.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	10		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	3.5	J	2.3	5	10	ug/L
110-86-1	Pyridine	29		2.2	10	10	ug/L
108-95-2	Phenol	31		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	28		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	32		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	29		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	27		1.2	5	10	ug/L
98-86-2	Acetophenone	27		0.89	5	10	ug/L
106-44-5	4-Methylphenol	30		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	26		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	27		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	29		0.99	2.5	5	ug/L
78-59-1	Isophorone	28		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	31		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	31		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	29		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	33		0.93	2.5	5	ug/L
91-20-3	Naphthalene	29		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	19		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	27		0.98	2.5	5	ug/L
105-60-2	Caprolactam	33		2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	31		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	29		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	29		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	17		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	32		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	34		0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	12/18/2024 12:00:00 AM
Project:				Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SLCS768			SDG No.:	BG122024
Lab Sample ID:	PB165768BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063776.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	30		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	34		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	31		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	33		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	31		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	38		1.5	5	10	ug/L
83-32-9	Acenaphthene	31		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	32		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	30		1.4	5	10	ug/L
132-64-9	Dibenzofuran	32		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	35		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	33		0.87	2.5	5	ug/L
86-73-7	Fluorene	33		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	31		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	45		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	31		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	30		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	28		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	30		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	30		0.56	2.5	5	ug/L
1912-24-9	Atrazine	31		0.96	5	10	ug/L
87-86-5	Pentachlorophenol	29		2.5	5	10	ug/L
85-01-8	Phenanthrene	32		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	27		1.2	2.5	5	ug/L
120-12-7	Anthracene	32		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	26		0.92	2.5	5	ug/L
86-74-8	Carbazole	37		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	35		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	30		0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	12/18/2024 12:00:00 AM
Project:				Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SLCS768			SDG No.:	BG122024
Lab Sample ID:	PB165768BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063776.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	30		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	34		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	30		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	30		0.56	2.5	5	ug/L
218-01-9	Chrysene	30		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	34		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	36		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	30		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	31		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	30		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	30		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	31		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	30		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	34		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.437		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	27.91		20-120		70	SPK: -40
4165-62-2	Phenol-d5	29.451		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.591		25-120		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.24		20-130		76	SPK: -40
190780-66-6	4-Methylphenol-d8	28.565		25-125		71	SPK: -40
4165-60-0	Nitrobenzene-d5	29.9		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.953		20-130		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.482		20-120		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.979		1-146		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.992		25-130		75	SPK: -40
93951-97-4	Acenaphthylene-d8	30.437		10-130		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.002		10-150		85	SPK: -40
81103-79-9	Fluorene-d10	31.985		25-125		80	SPK: -40

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Report of Analysis

Client:				Date Collected:	12/18/2024 12:00:00 AM
Project:				Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	SLCS768			SDG No.:	BG122024
Lab Sample ID:	PB165768BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063776.D	1	12/18/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.542		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	31.067		25-130		78	SPK: -40
1718-52-1	Pyrene-d10	28.877		15-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.723		20-130		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	113313	7.8				
1146-65-2	Naphthalene-d8	455719	10.591				
15067-26-2	Acenaphthene-d10	336245	14.439				
1517-22-2	Phenanthrene-d10	895319	17.195				
1719-03-5	Chrysene-d12	1021658	21.443				
1520-96-3	Perylene-d12	1093163	24.457				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BG122024

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**E2AT3**								
P5305-01	E2AT3	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	2.900	J			
P5305-01	E2AT3	Water	Total Alkanes	*	0.000		1	5.1	ug/L
			Total Tics :				**2.90**		
			Total Concentration:				**2.90**		
Client ID :	**E2AT7**								
P5305-02	E2AT7	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	2.600	J			
P5305-02	E2AT7	Water	Total Alkanes	*	0.000		0.99	5	ug/L
			Total Tics :				**2.60**		
			Total Concentration:				**2.60**		
Client ID :	**E2AT8**								
P5305-04	E2AT8	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	2.900	J			
P5305-04	E2AT8	Water	Total Alkanes	*	0.000		0.99	5	ug/L
			Total Tics :				**2.90**		
			Total Concentration:				**2.90**		
Client ID :	**E2AT9**								
P5305-05	E2AT9	Water	Benzophenone	*	5.200	J			
P5305-05	E2AT9	Water	Total Alkanes	*	0.000		0.99	5	ug/L
			Total Tics :				**5.20**		
			Total Concentration:				**5.20**		
Client ID :	**E2AW2**								
P5305-06	E2AW2	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	2.700	J			
P5305-06	E2AW2	Water	Total Alkanes	*	0.000		1	5.1	ug/L
			Total Tics :				**2.70**		
			Total Concentration:				**2.70**		
Client ID :	**E2AX4**								
P5305-08	E2AX4	Water	13-Docosenamide, (Z)-	*	14.000	J			
P5305-08	E2AX4	Water	Total Alkanes	*	0.000		1	5.1	ug/L
			Total Tics :				**14.00**		
			Total Concentration:				**14.00**		

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG121124 SAS No.: BG121124 SDG No.: BG121124

Instrument ID: Calibration Date(s): 12/11/2024

Calibration Time(s): 13:23

LAB FILE ID: RRFAL1 = BG063651.D RRFAL2 = BG063652.D RRFAL3 = BG063653.D
RRFAL4 = BG063654.D RRFAL5 = BG063655.D RRFAL6 = BG063656.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.567	0.593	0.689	0.576	0.596		0.604	8.1
Benzaldehyde		1.337	1.446	1.195	0.907	0.764	1.130	25.4
Pyridine		1.604	1.815	1.707	1.876	1.620	1.724	6.9
Hexachloroethane	0.587	0.609	0.627	0.590	0.553		0.593	4.7
Nitrobenzene	0.424	0.448	0.521	0.504	0.488		0.477	8.4
Isophorone	0.875	0.868	0.989	0.918	0.853		0.901	6.1
2-Nitrophenol	0.139	0.151	0.183	0.180	0.170		0.165	11.6
2,4-Dimethylphenol	0.352	0.361	0.404	0.384	0.365		0.373	5.5
Bis(2-Chloroethoxy)methane	0.467	0.476	0.531	0.494	0.469		0.487	5.5
2,4-Dichlorophenol	0.269	0.299	0.342	0.319	0.311		0.308	8.7
Naphthalene	0.957	1.007	1.105	1.008	0.923		1.000	6.9
4-Chloroaniline		0.347	0.423	0.390	0.372	0.341	0.374	9.0
Hexachlorobutadiene	0.234	0.242	0.271	0.253	0.250		0.250	5.5
Phenol		1.813	2.129	2.027	1.934	1.913	1.963	6.1
Caprolactam		0.099	0.119	0.110	0.101	0.104	0.106	7.7
4-Chloro-3-methylphenol	0.342	0.349	0.383	0.376	0.358		0.362	4.8
1-Methylnaphthalene	0.708	0.740	0.797	0.745	0.671		0.732	6.4
2-Methylnaphthalene	0.729	0.703	0.783	0.716	0.662		0.719	6.1
Hexachlorocyclopentadiene		0.151	0.230	0.265	0.297	0.322	0.253	26.4
2,4,6-Trichlorophenol	0.328	0.348	0.392	0.373	0.368		0.362	6.8
2,4,5-Trichlorophenol	0.345	0.352	0.398	0.410	0.384		0.378	7.5
1,1-Biphenyl	1.269	1.316	1.449	1.343	1.217		1.319	6.6
2-Chloronaphthalene	1.014	1.040	1.167	1.084	0.992		1.059	6.5
2-Nitroaniline	0.306	0.319	0.371	0.391	0.387		0.355	11.1
Bis(2-Chloroethyl)ether		1.454	1.662	1.509	1.473	1.413	1.502	6.4
Dimethylphthalate	1.341	1.334	1.504	1.396	1.245		1.364	7.0
2,6-Dinitrotoluene	0.217	0.238	0.277	0.269	0.265		0.253	9.9
Acenaphthylene	1.652	1.643	1.868	1.677	1.477		1.663	8.3
3-Nitroaniline		0.221	0.250	0.240	0.228	0.232	0.234	4.7
Acenaphthene	1.155	1.191	1.295	1.175	1.079		1.179	6.6
2,4-Dinitrophenol		0.074	0.104	0.128	0.162	0.179	0.129	32.8
4-Nitrophenol		0.151	0.194	0.213	0.216	0.228	0.200	15.0
Dibenzofuran	1.605	1.682	1.847	1.695	1.482		1.662	8.0
2,4-Dinitrotoluene	0.334	0.346	0.411	0.406	0.384		0.376	9.3
Diethylphthalate	1.290	1.289	1.462	1.338	1.214		1.319	7.0
2-Chlorophenol	0.995	1.193	1.372	1.249	1.227		1.207	11.3

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG121124 SAS No.: BG121124 SDG No.: BG121124

Instrument ID: Calibration Date(s): 12/11/2024

Calibration Time(s): 13:23

LAB FILE ID: RRFAL1 = BG063651.D RRFAL2 = BG063652.D RRFAL3 = BG063653.D
RRFAL4 = BG063654.D RRFAL5 = BG063655.D RRFAL6 = BG063656.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.338	1.354	1.472	1.310	1.163		1.327	8.3
4-Chlorophenyl-phenylether	0.737	0.741	0.814	0.743	0.663		0.739	7.2
4-Nitroaniline		0.208	0.267	0.248	0.224	0.226	0.234	9.8
4,6-Dinitro-2-methylphenol		0.087	0.106	0.112	0.115	0.115	0.107	11.1
N-Nitrosodiphenylamine	0.451	0.488	0.533	0.486	0.463		0.484	6.5
1,2,4,5-Tetrachlorobenzene	0.604	0.627	0.694	0.654	0.623		0.640	5.4
4-Bromophenyl-phenylether	0.187	0.198	0.227	0.207	0.200		0.204	7.4
Hexachlorobenzene	0.223	0.230	0.249	0.221	0.219		0.228	5.4
Atrazine		0.201	0.225	0.213	0.199	0.186	0.205	7.2
Pentachlorophenol		0.071	0.090	0.097	0.108	0.115	0.096	17.8
2-Methylphenol		1.316	1.568	1.465	1.384	1.361	1.419	7.0
Phenanthrene	0.964	0.985	1.066	0.970	0.834		0.964	8.6
Pentachlorobenzene	0.247	0.261	0.288	0.266	0.260		0.264	5.7
Anthracene	0.958	0.994	1.104	0.987	0.835		0.975	9.9
1,2,3,4-Tetrachlorobenzene	0.235	0.264	0.293	0.271	0.271		0.267	7.8
Carbazole		0.822	0.925	0.848	0.754	0.599	0.790	15.6
Di-n-butylphthalate	0.957	0.964	1.072	0.956	0.820		0.954	9.4
Fluoranthene	1.179	1.254	1.324	1.190	0.967		1.183	11.3
Pyrene	1.265	1.339	1.449	1.252	0.987		1.259	13.6
Butylbenzylphthalate	0.382	0.370	0.415	0.390	0.375		0.386	4.5
3,3-Dichlorobenzidine		0.365	0.405	0.371	0.355	0.309	0.361	9.6
2,2-oxybis(1-Chloropropane)		2.203	2.500	2.268	2.137	2.040	2.230	7.8
Benzo(a)anthracene	1.254	1.274	1.415	1.251	1.073		1.253	9.7
Chrysene	1.228	1.201	1.351	1.189	1.004		1.195	10.4
Bis(2-ethylhexyl)phthalate	0.563	0.550	0.617	0.559	0.521		0.562	6.3
Di-n-octyl phthalate		0.914	0.987	0.912	0.826	0.677	0.863	13.8
Benzo(b)fluoranthene	1.064	1.121	1.270	1.150	1.079		1.137	7.2
Benzo(k)fluoranthene	1.090	1.149	1.279	1.148	1.003		1.134	8.9
Benzo(a)pyrene	0.989	1.046	1.199	1.094	1.007		1.067	7.9
Indeno(1,2,3-cd)pyrene	1.193	1.272	1.436	1.325	1.290		1.303	6.8
Dibenzo(a,h)anthracene	0.930	1.020	1.169	1.066	1.028		1.043	8.3
Benzo(g,h,i)perylene	0.977	1.012	1.133	1.041	1.007		1.034	5.8
Acetophenone		2.390	2.742	2.504	2.332	2.160	2.426	8.9
2,3,4,6-Tetrachlorophenol	0.275	0.320	0.346	0.348	0.339		0.326	9.2
1,4-Dioxane-d8	0.446	0.484	0.598	0.481	0.543		0.510	11.8
Pyridine-d5		1.381	1.735	1.588	1.794	1.553	1.610	10.1

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG121124 SAS No.: BG121124 SDG No.: BG121124

Instrument ID: Calibration Date(s): 12/11/2024

Calibration Time(s): 13:23

LAB FILE ID: RRFAL1 = BG063651.D RRFAL2 = BG063652.D RRFAL3 = BG063653.D
RRFAL4 = BG063654.D RRFAL5 = BG063655.D RRFAL6 = BG063656.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.679	2.009	1.888	1.812	1.823	1.842	6.5
Bis-(2-Chloroethyl)ether-d8		1.201	1.404	1.260	1.261	1.236	1.272	6.1
2-Chlorophenol-d4	1.063	1.162	1.331	1.232	1.175		1.193	8.2
4-Methylphenol-d8		1.365	1.553	1.475	1.372	1.386	1.430	5.7
Nitrobenzene-d5	0.125	0.139	0.153	0.149	0.148		0.143	7.7
2-Nitrophenol-d4	0.149	0.145	0.169	0.171	0.168		0.160	7.6
2,4-Dichlorophenol-d3	0.275	0.296	0.343	0.324	0.312		0.310	8.4
4-Chloroaniline-d4		0.377	0.422	0.414	0.391	0.364	0.394	6.2
4-Methylphenol		1.415	1.728	1.625	1.514	1.482	1.553	8.0
Dimethylphthalate-d6	1.331	1.366	1.489	1.367	1.251		1.361	6.3
Acenaphthylene-d8	1.521	1.520	1.726	1.572	1.418		1.551	7.2
4-Nitrophenol-d4		0.145	0.195	0.204	0.207	0.213	0.193	14.4
Fluorene-d10	1.172	1.190	1.335	1.215	1.104		1.203	7.0
4,6-Dinitro-2-methylphenol-		0.088	0.099	0.107	0.111	0.113	0.104	9.9
Anthracene-d10	0.869	0.871	0.938	0.848	0.773		0.860	6.9
Pyrene-d10	1.011	1.102	1.159	1.044	0.887		1.041	9.9
Benzo(a)pyrene-d12	0.866	0.913	1.046	0.956	0.916		0.939	7.2
N-Nitroso-di-n-propylamine	1.342	1.371	1.614	1.522	1.388		1.447	8.0

All other compounds must meet a minimum RRF of 0.010.

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG122024 SAS No.: BG122024 SDG NO.: BG122024

EPA Sample No.: SSTD020433 Date Analyzed: Dec 20 2024 12:00AM

Lab File ID: BG063653.D Time Analyzed: 10:56

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	134078	7.812	591107	10.60	436199	14.45
	UPPER LIMIT	268156	8.312	1182214	11.103	872398	14.951
	LOWER LIMIT	67039	7.312	295553.5	10.103	218099.5	13.951
	EPA SAMPLE NO.						
01	SBLK768	121782	7.80	455308	10.59	352110	14.44
02	SBLK771	112134	7.81	439946	10.59	339221	14.44
03	E2AT3	107343	7.80	446151	10.59	353714	14.44
04	E2AT7	126494	7.80	511082	10.59	398598	14.44
05	E2AT8	111047	7.80	451858	10.59	351323	14.44
06	E2AT9	101182	7.80	417975	10.59	328797	14.44
07	E2AW2	119971	7.80	471619	10.59	355895	14.44
08	E2AX4	118572	7.80	473110	10.59	375614	14.44
09	E2AX4MS	126543	7.80	534321	10.59	400860	14.44
10	E2AX4MSD	120810	7.80	511714	10.59	399117	14.44
11	SLCS771	110082	7.81	433298	10.59	316651	14.44
12	SLCS768	113313	7.80	455719	10.59	336245	14.44

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.: BG122024 SAS No.: BG122024 SDG NO.: BG122024

EPA Sample No.: SSTD020576 Date Analyzed: Dec 20 2024 12:00AM

Lab File ID: BG063764.D Time Analyzed: 10:56

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	107250	7.796	444181	10.59	340530	14.44
	UPPER LIMIT	214500	8.296	888362	11.087	681060	14.941
	LOWER LIMIT	53625	7.296	222090.5	10.087	170265	13.941
	EPA SAMPLE NO.						
01	SBLK768	121782	7.80	455308	10.59	352110	14.44
02	SBLK771	112134	7.81	439946	10.59	339221	14.44
03	E2AT3	107343	7.80	446151	10.59	353714	14.44
04	E2AT7	126494	7.80	511082	10.59	398598	14.44
05	E2AT8	111047	7.80	451858	10.59	351323	14.44
06	E2AT9	101182	7.80	417975	10.59	328797	14.44
07	E2AW2	119971	7.80	471619	10.59	355895	14.44
08	E2AX4	118572	7.80	473110	10.59	375614	14.44
09	E2AX4MS	126543	7.80	534321	10.59	400860	14.44
10	E2AX4MSD	120810	7.80	511714	10.59	399117	14.44
11	SLCS771	110082	7.81	433298	10.59	316651	14.44
12	SLCS768	113313	7.80	455719	10.59	336245	14.44

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.: BG122024 SAS No.: BG122024 SDG NO.: BG122024

EPA Sample No.: SSTD020433 Date Analyzed: Dec 20 2024 12:00AM

Lab File ID: BG063653.D Time Analyzed: 10:56

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.04718e+0(	17.207	1.05243e+	21.461	1.14487e+0(	24.481
	UPPER LIMIT	2094360	17.707	2104860	21.961	2289740	24.981
	LOWER LIMIT	523590	16.707	526215	20.961	572435	23.981
	EPA SAMPLE NO.						
01	SBLK768	969579	17.19	1.04345e+	21.44	1.10731e+	24.45
02	SBLK771	947182	17.19	1.00411e+	21.44	1.07214e+	24.46
03	E2AT3	922101	17.19	950349	21.44	1.02039e+	24.46
04	E2AT7	1.06624	17.20	1.10699e+	21.44	1.15638e+	24.45
05	E2AT8	941650	17.19	979706	21.44	1.04001e+	24.46
06	E2AT9	871319	17.19	892675	21.44	937712	24.45
07	E2AW2	962013	17.19	988172	21.44	1.04333e+	24.45
08	E2AX4	1.0125e	17.19	1.02257e+	21.44	1.07438e+	24.45
09	E2AX4MS	1.03379	17.20	1.05519e+	21.44	1.10813e+	24.46
10	E2AX4MSD	1.01831	17.20	1.03793e+	21.44	1.09016e+	24.46
11	SLCS771	835264	17.20	973037	21.44	1.01164e+	24.46
12	SLCS768	895319	17.20	1.02166e+	21.44	1.09316e+	24.46

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG122024 SAS No.: BG122024 SDG NO.: BG122024

EPA Sample No.: SSTD020576 Date Analyzed: Dec 20 2024 12:00AM

Lab File ID: BG063764.D Time Analyzed: 10:56

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	918718	17.191	937184	21.439	982056	24.453
	UPPER LIMIT	1837436	17.691	1874368	21.939	1964112	24.953
	LOWER LIMIT	459359	16.691	468592	20.939	491028	23.953
	EPA SAMPLE NO.						
01	SBLK768	969579	17.19	1.04345e+	21.44	1.10731e+	24.45
02	SBLK771	947182	17.19	1.00411e+	21.44	1.07214e+	24.46
03	E2AT3	922101	17.19	950349	21.44	1.02039e+	24.46
04	E2AT7	1.06624	17.20	1.10699e+	21.44	1.15638e+	24.45
05	E2AT8	941650	17.19	979706	21.44	1.04001e+	24.46
06	E2AT9	871319	17.19	892675	21.44	937712	24.45
07	E2AW2	962013	17.19	988172	21.44	1.04333e+	24.45
08	E2AX4	1.0125e	17.19	1.02257e+	21.44	1.07438e+	24.45
09	E2AX4MS	1.03379	17.20	1.05519e+	21.44	1.10813e+	24.46
10	E2AX4MSD	1.01831	17.20	1.03793e+	21.44	1.09016e+	24.46
11	SLCS771	835264	17.20	973037	21.44	1.01164e+	24.46
12	SLCS768	895319	17.20	1.02166e+	21.44	1.09316e+	24.46

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.
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG122024

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB165768BS	1,4-Dioxane	16	10	ug/L	63				0	0	
	Benzaldehyde	40	3.5	ug/L	9				0	0	
	Pyridine	40	29	ug/L	73				0	0	
	Phenol	40	31	ug/L	78				0	0	
	Bis(2-chloroethyl)ether	40	28	ug/L	70				0	0	
	2-Chlorophenol	40	32	ug/L	80				0	0	
	2-Methylphenol	40	29	ug/L	73				0	0	
	2,2-oxybis(1-Chloropropane)	40	27	ug/L	68				0	0	
	Acetophenone	40	27	ug/L	68				0	0	
	4-Methylphenol	40	30	ug/L	75				0	0	
	N-Nitroso-di-n-propylamine	40	26	ug/L	65				0	0	
	Hexachloroethane	40	27	ug/L	68				0	0	
	Nitrobenzene	40	29	ug/L	73				0	0	
	Isophorone	40	28	ug/L	70				0	0	
	2-Nitrophenol	40	31	ug/L	78				0	0	
	2,4-Dimethylphenol	40	31	ug/L	78				0	0	
	Bis(2-chloroethoxy)methane	40	29	ug/L	73				0	0	
	2,4-Dichlorophenol	40	33	ug/L	83				0	0	
	Naphthalene	40	29	ug/L	73				0	0	
	4-Chloroaniline	40	19	ug/L	48				0	0	
	Hexachlorobutadiene	40	27	ug/L	68				0	0	
	Caprolactam	40	33	ug/L	83				0	0	
	4-Chloro-3-methylphenol	40	31	ug/L	78				0	0	
	1-Methylnaphthalene	40	29	ug/L	73				0	0	
	2-Methylnaphthalene	40	29	ug/L	73				0	0	
	Hexachlorocyclopentadiene	40	17	ug/L	43				0	0	
	2,4,6-Trichlorophenol	40	32	ug/L	80				0	0	
	2,4,5-Trichlorophenol	40	34	ug/L	85				0	0	
	1,1'-Biphenyl	40	30	ug/L	75				0	0	
	2-Chloronaphthalene	40	30	ug/L	75				0	0	
	2-Nitroaniline	40	34	ug/L	85				0	0	
	Dimethylphthalate	40	31	ug/L	78				0	0	
	2,6-Dinitrotoluene	40	33	ug/L	83				0	0	
	Acenaphthylene	40	31	ug/L	78				0	0	
	3-Nitroaniline	40	38	ug/L	95				0	0	
	Acenaphthene	40	31	ug/L	78				0	0	
	2,4-Dinitrophenol	40	32	ug/L	80				0	0	
	4-Nitrophenol	40	30	ug/L	75				0	0	
	Dibenzofuran	40	32	ug/L	80				0	0	
	2,4-Dinitrotoluene	40	35	ug/L	88				0	0	
	Diethylphthalate	40	33	ug/L	83				0	0	
	Fluorene	40	33	ug/L	83				0	0	
	4-Chlorophenyl-phenylether	40	31	ug/L	78				0	0	
	4-Nitroaniline	40	45	ug/L	113				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG122024

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB165768BS	4,6-Dinitro-2-methylphenol	40	31	ug/L	78				0	0	
	N-Nitrosodiphenylamine	40	30	ug/L	75				0	0	
	1,2,4,5-Tetrachlorobenzene	40	28	ug/L	70				0	0	
	4-Bromophenyl-phenylether	40	30	ug/L	75				0	0	
	Hexachlorobenzene	40	30	ug/L	75				0	0	
	Atrazine	40	31	ug/L	78				0	0	
	Pentachlorophenol	40	29	ug/L	73				0	0	
	Phenanthrene	40	32	ug/L	80				0	0	
	Pentachlorobenzene	40	27	ug/L	68				0	0	
	Anthracene	40	32	ug/L	80				0	0	
	1,2,3,4-Tetrachlorobenzene	40	26	ug/L	65				0	0	
	Carbazole	40	37	ug/L	93				0	0	
	Di-n-butylphthalate	40	35	ug/L	88				0	0	
	Fluoranthene	40	30	ug/L	75				0	0	
	Pyrene	40	30	ug/L	75				0	0	
	Butylbenzylphthalate	40	34	ug/L	85				0	0	
	3,3'-Dichlorobenzidine	40	30	ug/L	75				0	0	
	Benzo(a)anthracene	40	30	ug/L	75				0	0	
	Chrysene	40	30	ug/L	75				0	0	
	Bis(2-ethylhexyl)phthalate	40	34	ug/L	85				0	0	
	Di-n-octylphthalate	40	36	ug/L	90				0	0	
	Benzo(b)fluoranthene	40	30	ug/L	75				0	0	
	Benzo(k)fluoranthene	40	31	ug/L	78				0	0	
	Benzo(a)pyrene	40	30	ug/L	75				0	0	
	Indeno(1,2,3-cd)pyrene	40	30	ug/L	75				0	0	
	Dibenzo(a,h)anthracene	40	31	ug/L	78				0	0	
	Benzo(g,h,i)perylene	40	30	ug/L	75				0	0	
	2,3,4,6-Tetrachlorophenol	40	34	ug/L	85				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG122024

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB165771BS	1,4-Dioxane	16	12	ug/L	75				0	0	
	Benzaldehyde	40	3.8	ug/L	10				0	0	
	Pyridine	40	30	ug/L	75				0	0	
	Phenol	40	33	ug/L	83				0	0	
	Bis(2-chloroethyl)ether	40	30	ug/L	75				0	0	
	2-Chlorophenol	40	33	ug/L	83				0	0	
	2-Methylphenol	40	31	ug/L	78				0	0	
	2,2-oxybis(1-Chloropropane)	40	30	ug/L	75				0	0	
	Acetophenone	40	29	ug/L	73				0	0	
	4-Methylphenol	40	31	ug/L	78				0	0	
	N-Nitroso-di-n-propylamine	40	28	ug/L	70				0	0	
	Hexachloroethane	40	29	ug/L	73				0	0	
	Nitrobenzene	40	32	ug/L	80				0	0	
	Isophorone	40	30	ug/L	75				0	0	
	2-Nitrophenol	40	34	ug/L	85				0	0	
	2,4-Dimethylphenol	40	34	ug/L	85				0	0	
	Bis(2-chloroethoxy)methane	40	31	ug/L	78				0	0	
	2,4-Dichlorophenol	40	35	ug/L	88				0	0	
	Naphthalene	40	32	ug/L	80				0	0	
	4-Chloroaniline	40	20	ug/L	50				0	0	
	Hexachlorobutadiene	40	30	ug/L	75				0	0	
	Caprolactam	40	34	ug/L	85				0	0	
	4-Chloro-3-methylphenol	40	32	ug/L	80				0	0	
	1-Methylnaphthalene	40	31	ug/L	78				0	0	
	2-Methylnaphthalene	40	31	ug/L	78				0	0	
	Hexachlorocyclopentadiene	40	19	ug/L	48				0	0	
	2,4,6-Trichlorophenol	40	35	ug/L	88				0	0	
	2,4,5-Trichlorophenol	40	35	ug/L	88				0	0	
	1,1'-Biphenyl	40	32	ug/L	80				0	0	
	2-Chloronaphthalene	40	32	ug/L	80				0	0	
	2-Nitroaniline	40	35	ug/L	88				0	0	
	Dimethylphthalate	40	33	ug/L	83				0	0	
	2,6-Dinitrotoluene	40	36	ug/L	90				0	0	
	Acenaphthylene	40	33	ug/L	83				0	0	
	3-Nitroaniline	40	39	ug/L	98				0	0	
	Acenaphthene	40	32	ug/L	80				0	0	
	2,4-Dinitrophenol	40	33	ug/L	83				0	0	
	4-Nitrophenol	40	31	ug/L	78				0	0	
	Dibenzofuran	40	34	ug/L	85				0	0	
	2,4-Dinitrotoluene	40	38	ug/L	95				0	0	
	Diethylphthalate	40	35	ug/L	88				0	0	
	Fluorene	40	35	ug/L	88				0	0	
	4-Chlorophenyl-phenylether	40	34	ug/L	85				0	0	
	4-Nitroaniline	40	47	ug/L	117				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG122024

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB165771BS	4,6-Dinitro-2-methylphenol	40	34	ug/L	85				0	0	
	N-Nitrosodiphenylamine	40	32	ug/L	80				0	0	
	1,2,4,5-Tetrachlorobenzene	40	30	ug/L	75				0	0	
	4-Bromophenyl-phenylether	40	31	ug/L	78				0	0	
	Hexachlorobenzene	40	32	ug/L	80				0	0	
	Atrazine	40	33	ug/L	83				0	0	
	Pentachlorophenol	40	32	ug/L	80				0	0	
	Phenanthrene	40	34	ug/L	85				0	0	
	Pentachlorobenzene	40	29	ug/L	73				0	0	
	Anthracene	40	34	ug/L	85				0	0	
	1,2,3,4-Tetrachlorobenzene	40	28	ug/L	70				0	0	
	Carbazole	40	38	ug/L	95				0	0	
	Di-n-butylphthalate	40	36	ug/L	90				0	0	
	Fluoranthene	40	31	ug/L	78				0	0	
	Pyrene	40	31	ug/L	78				0	0	
	Butylbenzylphthalate	40	36	ug/L	90				0	0	
	3,3'-Dichlorobenzidine	40	32	ug/L	80				0	0	
	Benzo(a)anthracene	40	32	ug/L	80				0	0	
	Chrysene	40	32	ug/L	80				0	0	
	Bis(2-ethylhexyl)phthalate	40	37	ug/L	93				0	0	
	Di-n-octylphthalate	40	40	ug/L	100				0	0	
	Benzo(b)fluoranthene	40	33	ug/L	83				0	0	
	Benzo(k)fluoranthene	40	34	ug/L	85				0	0	
	Benzo(a)pyrene	40	33	ug/L	83				0	0	
	Indeno(1,2,3-cd)pyrene	40	34	ug/L	85				0	0	
	Dibenzo(a,h)anthracene	40	34	ug/L	85				0	0	
	Benzo(g,h,i)perylene	40	33	ug/L	83				0	0	
	2,3,4,6-Tetrachlorophenol	40	37	ug/L	93				0	0	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK768

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG122024 SAS No.: BG122024 SDG NO.: BG122024

Lab File ID: BG063765.D Lab Sample ID: PB165768BL

Instrument ID: BNA_G Date Extracted: 12/18/2024

Matrix: (soil/water) Water Date Analyzed: 12/20/2024

Level: (low/med) LOW Time Analyzed: 10:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165768BS	PB165768BS	BG063776.D	12/20/2024
E2AT3	P5305-01	BG063767.D	12/20/2024
E2AT7	P5305-02	BG063768.D	12/20/2024
E2AT8	P5305-04	BG063769.D	12/20/2024
E2AT9	P5305-05	BG063770.D	12/20/2024
E2AW2	P5305-06	BG063771.D	12/20/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK771

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG122024 SAS No.: BG122024 SDG NO.: BG122024

Lab File ID: BG063766.D Lab Sample ID: PB165771BL

Instrument ID: BNA_G Date Extracted: 12/18/2024

Matrix: (soil/water) Water Date Analyzed: 12/20/2024

Level: (low/med) LOW Time Analyzed: 11:34

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E2AX4	P5305-08	BG063772.D	12/20/2024
E2AX4MS	P5305-09MS	BG063773.D	12/20/2024
E2AX4MSD	P5305-10MSD	BG063774.D	12/20/2024
PB165771BS	PB165771BS	BG063775.D	12/20/2024

COMMENTS:

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG122024

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: P5305-09MS		**Client Sample ID:**	**E2AX4MS**					**DataFile:**	**BG063773.D**		
1,4-Dioxane	16		6.6	ug/L	41				15	120	
Benzaldehyde	40		22	ug/L	55				0	0	
Pyridine	40		12	ug/L	30				0	0	
Phenol	40		13	ug/L	33				12	110	
Bis(2-chloroethyl)ether	40		29	ug/L	73				0	0	
2-Chlorophenol	40		29	ug/L	73				27	123	
2-Methylphenol	40		26	ug/L	65				0	0	
2,2-oxybis(1-Chloropropane)	40		28	ug/L	70				0	0	
Acetophenone	40		30	ug/L	75				0	0	
4-Methylphenol	40		24	ug/L	60				0	0	
N-Nitroso-di-n-propylamine	40		29	ug/L	73				41	116	
Hexachloroethane	40		19	ug/L	48				0	0	
Nitrobenzene	40		30	ug/L	75				0	0	
Isophorone	40		31	ug/L	78				0	0	
2-Nitrophenol	40		32	ug/L	80				0	0	
2,4-Dimethylphenol	40		27	ug/L	68				0	0	
Bis(2-chloroethoxy)methane	40		31	ug/L	78				0	0	
2,4-Dichlorophenol	40		32	ug/L	80				0	0	
Naphthalene	40		28	ug/L	70				0	0	
4-Chloroaniline	40		20	ug/L	50				0	0	
Hexachlorobutadiene	40		23	ug/L	58				0	0	
Caprolactam	40		11	ug/L	28				0	0	
4-Chloro-3-methylphenol	40		33	ug/L	83				23	97	
1-Methylnaphthalene	40		31	ug/L	78				0	0	
2-Methylnaphthalene	40		31	ug/L	78				0	0	
Hexachlorocyclopentadiene	40		15	ug/L	38				0	0	
2,4,6-Trichlorophenol	40		34	ug/L	85				0	0	
2,4,5-Trichlorophenol	40		35	ug/L	88				0	0	
1,1'-Biphenyl	40		33	ug/L	83				0	0	
2-Chloronaphthalene	40		32	ug/L	80				0	0	
2-Nitroaniline	40		37	ug/L	93				0	0	
Dimethylphthalate	40		35	ug/L	88				0	0	
2,6-Dinitrotoluene	40		38	ug/L	95				0	0	
Acenaphthylene	40		34	ug/L	85				0	0	
3-Nitroaniline	40		41	ug/L	103				0	0	
Acenaphthene	40		34	ug/L	85				46	118	
2,4-Dinitrophenol	40		36	ug/L	90				0	0	
4-Nitrophenol	40		14	ug/L	35				10	80	
Dibenzofuran	40		36	ug/L	90				0	0	
2,4-Dinitrotoluene	40		40	ug/L	100	*			24	96	
Diethylphthalate	40		38	ug/L	95				0	0	
Fluorene	40		37	ug/L	93				0	0	
4-Chlorophenyl-phenylether	40		36	ug/L	90				0	0	
4-Nitroaniline	40		47	ug/L	117				0	0	
4,6-Dinitro-2-methylphenol	40		37	ug/L	93				0	0	
N-Nitrosodiphenylamine	40		34	ug/L	85				0	0	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG122024

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		30	ug/L	75				0	0	
4-Bromophenyl-phenylether	40		35	ug/L	88				0	0	
Hexachlorobenzene	40		34	ug/L	85				0	0	
Atrazine	40		34	ug/L	85				0	0	
Pentachlorophenol	40		32	ug/L	80				9	103	
Phenanthrene	40		37	ug/L	93				0	0	
Pentachlorobenzene	40		31	ug/L	78				0	0	
Anthracene	40		37	ug/L	93				0	0	
1,2,3,4-Tetrachlorobenzene	40		28	ug/L	70				0	0	
Carbazole	40		40	ug/L	100				0	0	
Di-n-butylphthalate	40		39	ug/L	98				0	0	
Fluoranthene	40		36	ug/L	90				0	0	
Pyrene	40		36	ug/L	90				26	127	
Butylbenzylphthalate	40		40	ug/L	100				0	0	
3,3'-Dichlorobenzidine	40		31	ug/L	78				0	0	
Benzo(a)anthracene	40		35	ug/L	88				0	0	
Chrysene	40		35	ug/L	88				0	0	
Bis(2-ethylhexyl)phthalate	40		41	ug/L	103				0	0	
Di-n-octylphthalate	40		44	ug/L	110				0	0	
Benzo(b)fluoranthene	40		36	ug/L	90				0	0	
Benzo(k)fluoranthene	40		37	ug/L	93				0	0	
Benzo(a)pyrene	40		36	ug/L	90				0	0	
Indeno(1,2,3-cd)pyrene	40		37	ug/L	93				0	0	
Dibenzo(a,h)anthracene	40		38	ug/L	95				0	0	
Benzo(g,h,i)perylene	40		37	ug/L	93				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.: BG122024

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: P5305-10MSD		**Client Sample ID: E2AX4MSD**						**DataFile:**	**BG063774.D**		
1,4-Dioxane	16.3		7.2	ug/L	44		7		15	120	50
Benzaldehyde	40.8		24	ug/L	59		7	*	0	0	0
Pyridine	40.8		13	ug/L	32		6	*	0	0	0
Phenol	40.8		15	ug/L	37		11		12	110	42
Bis(2-chloroethyl)ether	40.8		32	ug/L	78		7	*	0	0	0
2-Chlorophenol	40.8		31	ug/L	76		4		27	123	40
2-Methylphenol	40.8		28	ug/L	69		6	*	0	0	0
2,2-oxybis(1-Chloropropane)	40.8		30	ug/L	74		6	*	0	0	0
Acetophenone	40.8		32	ug/L	78		4	*	0	0	0
4-Methylphenol	40.8		27	ug/L	66		10	*	0	0	0
N-Nitroso-di-n-propylamine	40.8		32	ug/L	78		7		41	116	38
Hexachloroethane	40.8		20	ug/L	49		2	*	0	0	0
Nitrobenzene	40.8		32	ug/L	78		4	*	0	0	0
Isophorone	40.8		34	ug/L	83		6	*	0	0	0
2-Nitrophenol	40.8		35	ug/L	86		7	*	0	0	0
2,4-Dimethylphenol	40.8		30	ug/L	74		8	*	0	0	0
Bis(2-chloroethoxy)methane	40.8		34	ug/L	83		6	*	0	0	0
2,4-Dichlorophenol	40.8		36	ug/L	88		10	*	0	0	0
Naphthalene	40.8		31	ug/L	76		8	*	0	0	0
4-Chloroaniline	40.8		23	ug/L	56		11	*	0	0	0
Hexachlorobutadiene	40.8		26	ug/L	64		10	*	0	0	0
Caprolactam	40.8		13	ug/L	32		13	*	0	0	0
4-Chloro-3-methylphenol	40.8		36	ug/L	88		6		23	97	42
1-Methylnaphthalene	40.8		34	ug/L	83		6	*	0	0	0
2-Methylnaphthalene	40.8		34	ug/L	83		6	*	0	0	0
Hexachlorocyclopentadiene	40.8		16	ug/L	39		3	*	0	0	0
2,4,6-Trichlorophenol	40.8		36	ug/L	88		3	*	0	0	0
2,4,5-Trichlorophenol	40.8		39	ug/L	96		9	*	0	0	0
1,1'-Biphenyl	40.8		34	ug/L	83		0		0	0	0
2-Chloronaphthalene	40.8		35	ug/L	86		7	*	0	0	0
2-Nitroaniline	40.8		40	ug/L	98		5	*	0	0	0
Dimethylphthalate	40.8		38	ug/L	93		6	*	0	0	0
2,6-Dinitrotoluene	40.8		41	ug/L	100		5	*	0	0	0
Acenaphthylene	40.8		36	ug/L	88		3	*	0	0	0
3-Nitroaniline	40.8		44	ug/L	108		5	*	0	0	0
Acenaphthene	40.8		36	ug/L	88		3		46	118	31
2,4-Dinitrophenol	40.8		41	ug/L	100		11	*	0	0	0
4-Nitrophenol	40.8		14	ug/L	34		3		10	80	50
Dibenzofuran	40.8		39	ug/L	96		6	*	0	0	0
2,4-Dinitrotoluene	40.8		43	ug/L	105	*	5		24	96	38
Diethylphthalate	40.8		40	ug/L	98		3	*	0	0	0
Fluorene	40.8		39	ug/L	96		3	*	0	0	0
4-Chlorophenyl-phenylether	40.8		38	ug/L	93		3	*	0	0	0
4-Nitroaniline	40.8		52	ug/L	127		8	*	0	0	0
4,6-Dinitro-2-methylphenol	40.8		40	ug/L	98		5	*	0	0	0
N-Nitrosodiphenylamine	40.8		36	ug/L	88		3	*	0	0	0

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG122024

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	40.8		31	ug/L	76	1		*	0	0	0
4-Bromophenyl-phenylether	40.8		38	ug/L	93	6		*	0	0	0
Hexachlorobenzene	40.8		38	ug/L	93	9		*	0	0	0
Atrazine	40.8		37	ug/L	91	7		*	0	0	0
Pentachlorophenol	40.8		36	ug/L	88	10			9	103	50
Phenanthrene	40.8		40	ug/L	98	5		*	0	0	0
Pentachlorobenzene	40.8		34	ug/L	83	6		*	0	0	0
Anthracene	40.8		39	ug/L	96	3		*	0	0	0
1,2,3,4-Tetrachlorobenzene	40.8		30	ug/L	74	6		*	0	0	0
Carbazole	40.8		43	ug/L	105	5		*	0	0	0
Di-n-butylphthalate	40.8		42	ug/L	103	5		*	0	0	0
Fluoranthene	40.8		38	ug/L	93	3		*	0	0	0
Pyrene	40.8		37	ug/L	91	1			26	127	31
Butylbenzylphthalate	40.8		43	ug/L	105	5		*	0	0	0
3,3'-Dichlorobenzidine	40.8		33	ug/L	81	4		*	0	0	0
Benzo(a)anthracene	40.8		37	ug/L	91	3		*	0	0	0
Chrysene	40.8		36	ug/L	88	0			0	0	0
Bis(2-ethylhexyl)phthalate	40.8		43	ug/L	105	2		*	0	0	0
Di-n-octylphthalate	40.8		46	ug/L	113	3		*	0	0	0
Benzo(b)fluoranthene	40.8		38	ug/L	93	3		*	0	0	0
Benzo(k)fluoranthene	40.8		39	ug/L	96	3		*	0	0	0
Benzo(a)pyrene	40.8		38	ug/L	93	3		*	0	0	0
Indeno(1,2,3-cd)pyrene	40.8		39	ug/L	96	3		*	0	0	0
Dibenzo(a,h)anthracene	40.8		40	ug/L	98	3		*	0	0	0
Benzo(g,h,i)perylene	40.8		39	ug/L	96	3		*	0	0	0
2,3,4,6-Tetrachlorophenol	40.8		42	ug/L	103	13		*	0	0	0

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Surrogate Summary

SW-846

SDG No.: BG122024

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P5305-01	E2AT3	BG063767.D	1,4-Dioxane-d8	8	5.82	73		15	120
			Pyridine-d5	40	4.16	10	*	20	120
			Phenol-d5	40	8.14	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.24	78		25	120
			2-Chlorophenol-d4	40	29.92	75		20	130
			4-Methylphenol-d8	40	19.25	48		25	125
			Nitrobenzene-d5	40	34.61	87		20	125
			2-Nitrophenol-d4	40	34.41	86		20	130
			2,4-Dichlorophenol-d3	40	32.25	81		20	120
			4-Chloroaniline-d4	40	19.62	49		1	146
			Dimethylphthalate-d6	40	34.28	86		25	130
			Acenaphthylene-d8	40	34.25	86		10	130
			4-Nitrophenol-d4	40	7.40	18		10	150
			Fluorene-d10	40	37.62	94		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.77	69		10	130
			Anthracene-d10	40	39.55	99		25	130
			Pyrene-d10	40	38.06	95		15	130
			Benzo(a)pyrene-d12	40	38.15	95		20	130
P5305-02	E2AT7	BG063768.D	1,4-Dioxane-d8	8	4.25	53		15	120
			Pyridine-d5	40	4.43	11	*	20	120
			Phenol-d5	40	7.68	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.25	71		25	120
			2-Chlorophenol-d4	40	26.38	66		20	130
			4-Methylphenol-d8	40	17.99	45		25	125
			Nitrobenzene-d5	40	30.13	75		20	125
			2-Nitrophenol-d4	40	32.81	82		20	130
			2,4-Dichlorophenol-d3	40	30.10	75		20	120
			4-Chloroaniline-d4	40	8.04	20		1	146
			Dimethylphthalate-d6	40	31.85	80		25	130
			Acenaphthylene-d8	40	31.79	79		10	130
			4-Nitrophenol-d4	40	6.96	17		10	150
			Fluorene-d10	40	34.79	87		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.60	62		10	130
			Anthracene-d10	40	34.35	86		25	130
			Pyrene-d10	40	31.87	80		15	130
			Benzo(a)pyrene-d12	40	33.40	84		20	130
P5305-04	E2AT8	BG063769.D	1,4-Dioxane-d8	8	4.75	59		15	120
			Pyridine-d5	40	5.68	14	*	20	120
			Phenol-d5	40	7.64	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.72	79		25	120
			2-Chlorophenol-d4	40	28.63	72		20	130
			4-Methylphenol-d8	40	18.57	46		25	125
			Nitrobenzene-d5	40	35.41	89		20	125
			2-Nitrophenol-d4	40	35.22	88		20	130
			2,4-Dichlorophenol-d3	40	33.50	84		20	120
			4-Chloroaniline-d4	40	27.61	69		1	146
			Dimethylphthalate-d6	40	35.30	88		25	130
			Acenaphthylene-d8	40	35.25	88		10	130
			4-Nitrophenol-d4	40	6.80	17		10	150

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Surrogate Summary

SW-846

SDG No.: BG122024

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P5305-04	E2AT8	BG063769.D	Fluorene-d10	40	39.07	98		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.86	67		10	130
			Anthracene-d10	40	40.34	101		25	130
			Pyrene-d10	40	38.43	96		15	130
			Benzo(a)pyrene-d12	40	39.31	98		20	130
P5305-05	E2AT9	BG063770.D	1,4-Dioxane-d8	8	5.07	63		15	120
			Pyridine-d5	40	8.91	22		20	120
			Phenol-d5	40	9.67	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.63	79		25	120
			2-Chlorophenol-d4	40	29.89	75		20	130
			4-Methylphenol-d8	40	20.39	51		25	125
			Nitrobenzene-d5	40	34.61	87		20	125
			2-Nitrophenol-d4	40	35.85	90		20	130
			2,4-Dichlorophenol-d3	40	32.99	82		20	120
			4-Chloroaniline-d4	40	29.11	73		1	146
			Dimethylphthalate-d6	40	35.53	89		25	130
			Acenaphthylene-d8	40	35.41	89		10	130
			4-Nitrophenol-d4	40	8.63	22		10	150
			Fluorene-d10	40	39.70	99		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.87	77		10	130
			Anthracene-d10	40	38.23	96		25	130
			Pyrene-d10	40	38.85	97		15	130
			Benzo(a)pyrene-d12	40	31.98	80		20	130
P5305-06	E2AW2	BG063771.D	1,4-Dioxane-d8	8	4.18	52		15	120
			Pyridine-d5	40	6.63	17	*	20	120
			Phenol-d5	40	7.31	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.63	77		25	120
			2-Chlorophenol-d4	40	27.95	70		20	130
			4-Methylphenol-d8	40	17.79	44		25	125
			Nitrobenzene-d5	40	35.11	88		20	125
			2-Nitrophenol-d4	40	35.51	89		20	130
			2,4-Dichlorophenol-d3	40	33.36	83		20	120
			4-Chloroaniline-d4	40	27.56	69		1	146
			Dimethylphthalate-d6	40	36.32	91		25	130
			Acenaphthylene-d8	40	36.34	91		10	130
			4-Nitrophenol-d4	40	6.27	16		10	150
			Fluorene-d10	40	40.01	100		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.22	71		10	130
			Anthracene-d10	40	40.26	101		25	130
			Pyrene-d10	40	39.02	98		15	130
			Benzo(a)pyrene-d12	40	40.03	100		20	130
PB165768BL	PB165768BL	BG063765.D	1,4-Dioxane-d8	8	5.87	73		15	120
			Pyridine-d5	40	27.94	70		20	120
			Phenol-d5	40	29.23	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.67	67		25	120
			2-Chlorophenol-d4	40	29.59	74		20	130
			4-Methylphenol-d8	40	27.76	69		25	125
			Nitrobenzene-d5	40	29.65	74		20	125
			2-Nitrophenol-d4	40	31.80	80		20	130

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Surrogate Summary

SW-846

SDG No.: BG122024

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB165768BL	PB165768BL	BG063765.D	2,4-Dichlorophenol-d3	40	30.40	76		20	120
			4-Chloroaniline-d4	40	29.86	75		1	146
			Dimethylphthalate-d6	40	30.44	76		25	130
			Acenaphthylene-d8	40	31.04	78		10	130
			4-Nitrophenol-d4	40	31.52	79		10	150
			Fluorene-d10	40	33.65	84		25	125
			4,6-Dinitro-2-methylphenol-d2	40	18.59	46		10	130
			Anthracene-d10	40	32.30	81		25	130
			Pyrene-d10	40	30.94	77		15	130
			Benzo(a)pyrene-d12	40	31.35	78		20	130
PB165768BS	PB165768BS	BG063776.D	1,4-Dioxane-d8	8	5.44	68		15	120
			Pyridine-d5	40	27.91	70		20	120
			Phenol-d5	40	29.45	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.59	66		25	120
			2-Chlorophenol-d4	40	30.24	76		20	130
			4-Methylphenol-d8	40	28.57	71		25	125
			Nitrobenzene-d5	40	29.90	75		20	125
			2-Nitrophenol-d4	40	30.95	77		20	130
			2,4-Dichlorophenol-d3	40	31.48	79		20	120
			4-Chloroaniline-d4	40	26.98	67		1	146
			Dimethylphthalate-d6	40	29.99	75		25	130
			Acenaphthylene-d8	40	30.44	76		10	130
			4-Nitrophenol-d4	40	34.00	85		10	150
			Fluorene-d10	40	31.99	80		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.54	74		10	130
			Anthracene-d10	40	31.07	78		25	130
			Pyrene-d10	40	28.88	72		15	130
			Benzo(a)pyrene-d12	40	29.72	74		20	130

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Surrogate Summary

SW-846

SDG No.: BG122024

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P5305-08	E2AX4	BG063772.D	1,4-Dioxane-d8	8	4.86	61		15	120
			Pyridine-d5	40	8.96	22		20	120
			Phenol-d5	40	10.57	26		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.09	65		25	120
			2-Chlorophenol-d4	40	25.10	63		20	130
			4-Methylphenol-d8	40	19.72	49		25	125
			Nitrobenzene-d5	40	29.91	75		20	125
			2-Nitrophenol-d4	40	29.93	75		20	130
			2,4-Dichlorophenol-d3	40	27.82	70		20	120
			4-Chloroaniline-d4	40	25.14	63		1	146
			Dimethylphthalate-d6	40	30.69	77		25	130
			Acenaphthylene-d8	40	30.42	76		10	130
			4-Nitrophenol-d4	40	10.70	27		10	150
			Fluorene-d10	40	34.03	85		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.06	65		10	130
			Anthracene-d10	40	36.04	90		25	130
			Pyrene-d10	40	34.69	87		15	130
			Benzo(a)pyrene-d12	40	34.99	87		20	130
P5305-09MS	E2AX4MS	BG063773.D	1,4-Dioxane-d8	8	4.90	61		15	120
			Pyridine-d5	40	10.66	27		20	120
			Phenol-d5	40	12.02	30		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.81	70		25	120
			2-Chlorophenol-d4	40	27.54	69		20	130
			4-Methylphenol-d8	40	22.11	55		25	125
			Nitrobenzene-d5	40	31.24	78		20	125
			2-Nitrophenol-d4	40	31.44	79		20	130
			2,4-Dichlorophenol-d3	40	31.40	79		20	120
			4-Chloroaniline-d4	40	29.48	74		1	146
			Dimethylphthalate-d6	40	33.71	84		25	130
			Acenaphthylene-d8	40	32.89	82		10	130
			4-Nitrophenol-d4	40	15.75	39		10	150
			Fluorene-d10	40	35.40	88		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.14	90		10	130
			Anthracene-d10	40	35.29	88		25	130
			Pyrene-d10	40	33.99	85		15	130
			Benzo(a)pyrene-d12	40	33.82	85		20	130
P5305-10MSD	E2AX4MSD	BG063774.D	1,4-Dioxane-d8	8	5.10	64		15	120
			Pyridine-d5	40	12.33	31		20	120
			Phenol-d5	40	13.00	33		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.54	74		25	120
			2-Chlorophenol-d4	40	29.09	73		20	130
			4-Methylphenol-d8	40	23.84	60		25	125
			Nitrobenzene-d5	40	32.61	82		20	125
			2-Nitrophenol-d4	40	33.72	84		20	130
			2,4-Dichlorophenol-d3	40	33.79	84		20	120
			4-Chloroaniline-d4	40	31.87	80		1	146
			Dimethylphthalate-d6	40	35.02	88		25	130
			Acenaphthylene-d8	40	33.97	85		10	130
			4-Nitrophenol-d4	40	16.40	41		10	150

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Surrogate Summary

SW-846

SDG No.: BG122024

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P5305-10MSD	E2AX4MSD	BG063774.D	Fluorene-d10	40	37.50	94		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.64	92		10	130
			Anthracene-d10	40	36.90	92		25	130
			Pyrene-d10	40	35.10	88		15	130
			Benzo(a)pyrene-d12	40	34.96	87		20	130
PB165771BL	PB165771BL	BG063766.D	1,4-Dioxane-d8	8	5.13	64		15	120
			Pyridine-d5	40	26.20	65		20	120
			Phenol-d5	40	27.94	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.17	63		25	120
			2-Chlorophenol-d4	40	28.20	70		20	130
			4-Methylphenol-d8	40	26.54	66		25	125
			Nitrobenzene-d5	40	28.41	71		20	125
			2-Nitrophenol-d4	40	27.86	70		20	130
			2,4-Dichlorophenol-d3	40	28.86	72		20	120
			4-Chloroaniline-d4	40	27.61	69		1	146
			Dimethylphthalate-d6	40	27.57	69		25	130
			Acenaphthylene-d8	40	29.04	73		10	130
			4-Nitrophenol-d4	40	24.72	62		10	150
			Fluorene-d10	40	31.10	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	16.00	40		10	130
			Anthracene-d10	40	30.06	75		25	130
			Pyrene-d10	40	28.28	71		15	130
			Benzo(a)pyrene-d12	40	28.54	71		20	130
PB165771BS	PB165771BS	BG063775.D	1,4-Dioxane-d8	8	6.15	77		15	120
			Pyridine-d5	40	30.00	75		20	120
			Phenol-d5	40	31.43	79		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.60	72		25	120
			2-Chlorophenol-d4	40	31.63	79		20	130
			4-Methylphenol-d8	40	30.74	77		25	125
			Nitrobenzene-d5	40	32.30	81		20	125
			2-Nitrophenol-d4	40	32.40	81		20	130
			2,4-Dichlorophenol-d3	40	34.58	86		20	120
			4-Chloroaniline-d4	40	28.99	72		1	146
			Dimethylphthalate-d6	40	32.15	80		25	130
			Acenaphthylene-d8	40	32.60	81		10	130
			4-Nitrophenol-d4	40	36.17	90		10	150
			Fluorene-d10	40	33.91	85		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.51	79		10	130
			Anthracene-d10	40	32.97	82		25	130
			Pyrene-d10	40	29.90	75		15	130
			Benzo(a)pyrene-d12	40	32.24	81		20	130

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BG122024

Lab Code: CHEM SAS No.: BG122024 SDG NO.: BG122024

Lab File ID: BG063763.D DFTPP Injection Date: 12/20/2024

Instrument ID: BNA_G DFTPP Injection Time: 08:57

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	40.1
68	Less than 2.0% of mass 69	0.5 (1.2) 1
69	Mass 69 relative abundance	44.2
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	38.1
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	6.8
275	10.0 - 60.0% of mass 198	27.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	10.5
442	Greater than 50% of mass 198	66.3
443	15.0 - 24.0% of mass 442	13.2 (20) 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
SSTD020576	SSTDCCC020	BG063764.D	12/20/2024	10:18
SBLK768	PB165768BL	BG063765.D	12/20/2024	10:56
SBLK771	PB165771BL	BG063766.D	12/20/2024	11:34
E2AT3	P5305-01	BG063767.D	12/20/2024	12:11
E2AT7	P5305-02	BG063768.D	12/20/2024	12:49
E2AT8	P5305-04	BG063769.D	12/20/2024	13:27
E2AT9	P5305-05	BG063770.D	12/20/2024	14:05
E2AW2	P5305-06	BG063771.D	12/20/2024	14:42
E2AX4	P5305-08	BG063772.D	12/20/2024	15:20
E2AX4MS	P5305-09MS	BG063773.D	12/20/2024	15:58
E2AX4MSD	P5305-10MSD	BG063774.D	12/20/2024	16:36
SLCS771	PB165771BS	BG063775.D	12/20/2024	17:13
SLCS768	PB165768BS	BG063776.D	12/20/2024	17:51
SSTD020577	SSTDCCC020EC	BG063777.D	12/20/2024	19:07