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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG112024 SAS No.: BG112024 SDG No.: BG112024

Instrument ID: BNA_G Calibration Date/Time: 11/20/2024 19:06

Lab File ID: BG063490.D Init. Calib. Date(s):

EPA Sample No.: SSTD020543 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.598	0.592	0.010	-1.1196	40.0
Benzaldehyde	0.941	1.110	0.010	17.8886	40.0
Pyridine	1.616	1.724	0.010	6.6588	40.0
Phenol	1.794	1.903	0.080	6.0988	20.0
Bis(2-Chloroethyl)ether	1.295	1.322	0.100	2.0895	20.0
2-Chlorophenol	1.244	1.290	0.200	3.68	20.0
2-Methylphenol	1.335	1.385	0.010	3.7869	20.0
2,2-oxybis(1-Chloropropane)	1.897	1.931	0.010	1.7911	40.0
Acetophenone	2.171	2.252	0.060	3.7379	20.0
4-Methylphenol	1.464	1.514	0.010	3.407	20.0
N-Nitroso-di-n-propylamine	1.213	1.288	0.050	6.1541	30.0
Hexachloroethane	0.537	0.562	0.100	4.5616	20.0
Nitrobenzene	0.441	0.470	0.050	6.7323	25.0
Isophorone	0.805	0.865	0.050	7.5067	25.0
2-Nitrophenol	0.176	0.197	0.050	11.7162	25.0
2,4-Dimethylphenol	0.379	0.412	0.050	8.4985	25.0
Bis(2-Chloroethoxy)methane	0.445	0.471	0.050	5.6823	20.0
2,4-Dichlorophenol	0.331	0.362	0.060	9.3471	20.0
Naphthalene	1.022	1.121	0.200	9.6427	20.0
4-Chloroaniline	0.409	0.431	0.010	5.4106	40.0
Hexachlorobutadiene	0.295	0.322	0.040	9.0815	30.0
Caprolactam	0.112	0.120	0.010	7.2332	40.0
4-Chloro-3-methylphenol	0.337	0.375	0.040	11.2593	25.0
1-Methylnaphthalene	0.762	0.801	0.100	5.1021	20.0
2-Methylnaphthalene	0.726	0.784	0.100	8.0388	20.0
Hexachlorocyclopentadiene	0.300	0.291	0.010	-3.0611	40.0
2,4,6-Trichlorophenol	0.386	0.412	0.090	6.8977	25.0
2,4,5-Trichlorophenol	0.398	0.451	0.100	13.4409	25.0
1,1-Biphenyl	1.327	1.490	0.200	12.2537	20.0
2-Chloronaphthalene	1.043	1.138	0.300	9.0745	20.0
2-Nitroaniline	0.329	0.376	0.050	14.3545	40.0
Dimethylphthalate	1.323	1.439	0.300	8.7491	20.0
2,6-Dinitrotoluene	0.268	0.312	0.080	16.0852	30.0
Acenaphthylene	1.556	1.725	0.400	10.8594	20.0
3-Nitroaniline	0.246	0.281	0.010	14.1827	40.0
Acenaphthene	1.124	1.237	0.200	10.0157	20.0
2,4-Dinitrophenol	0.138	0.136	0.010	-1.1133	40.0
4-Nitrophenol	0.234	0.279	0.010	18.8377	40.0
Dibenzofuran	1.613	1.809	0.300	12.1681	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG112024 SAS No.: BG112024 SDG No.: BG112024

Instrument ID: BNA_G Calibration Date/Time: 11/20/2024 1 19:06

Lab File ID: BG063490.D Init. Calib. Date(s):

EPA Sample No.: SSTD020543 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.411	0.485	0.070	18.16	30.0
Diethylphthalate	1.336	1.456	0.300	8.9833	20.0
Fluorene	1.373	1.491	0.200	8.5671	20.0
4-Chlorophenyl-phenylether	0.819	0.897	0.100	9.4371	20.0
4-Nitroaniline	0.252	0.298	0.010	18.5373	40.0
4,6-Dinitro-2-methylphenol	0.120	0.130	0.010	8.0828	40.0
N-Nitrosodiphenylamine	0.475	0.513	0.050	8.1278	20.0
1,2,4,5-Tetrachlorobenzene	0.703	0.771	0.100	9.7484	20.0
4-Bromophenyl-phenylether	0.224	0.244	0.070	8.8314	20.0
Hexachlorobenzene	0.235	0.259	0.050	10.3796	25.0
Atrazine	0.229	0.258	0.010	12.402	25.0
Pentachlorophenol	0.110	0.119	0.010	8.071	40.0
Phenanthrene	0.953	1.052	0.200	10.3738	20.0
Pentachlorobenzene	0.287	0.309	0.050	7.4102	20.0
Anthracene	0.974	1.078	0.200	10.7368	20.0
1,2,3,4-Tetrachlorobenzene	0.291	0.305	0.050	4.9472	20.0
Carbazole	0.808	0.952	0.050	17.8768	40.0
Di-n-butylphthalate	0.926	1.076	0.500	16.182	25.0
Fluoranthene	1.109	1.211	0.400	9.2086	25.0
Pyrene	1.188	1.384	0.400	16.5001	25.0
Butylbenzylphthalate	0.385	0.427	0.100	10.6611	40.0
3,3-Dichlorobenzidine	0.430	0.503	0.010	17.132	40.0
Benzo(a)anthracene	1.293	1.459	0.300	12.8365	30.0
Chrysene	1.209	1.381	0.200	14.2054	30.0
Bis(2-ethylhexyl)phthalate	0.560	0.617	0.200	10.2057	40.0
Di-n-octyl phthalate	0.887	1.039	0.010	17.0968	40.0
Benzo(b)fluoranthene	1.201	1.345	0.200	11.9852	25.0
Benzo(k)fluoranthene	1.205	1.378	0.200	14.3485	25.0
Benzo(a)pyrene	1.124	1.248	0.200	11.0384	20.0
Indeno(1,2,3-cd)pyrene	1.394	1.535	0.200	10.1429	25.0
Dibenzo(a,h)anthracene	1.140	1.278	0.200	12.1294	30.0
Benzo(g,h,i)perylene	1.057	1.172	0.200	10.8814	30.0
2,3,4,6-Tetrachlorophenol	0.378	0.432	0.040	14.2265	20.0
1,4-Dioxane-d8	0.507	0.537	0.010	6.0588	25.0
Pyridine-d5	1.588	1.617	0.010	1.8237	40.0
Phenol-d5	1.645	1.698	0.010	3.2214	25.0
Bis-(2-Chloroethyl)ether-d8	1.055	1.108	0.050	5.0324	25.0
2-Chlorophenol-d4	1.166	1.217	0.200	4.3942	20.0
4-Methylphenol-d8	1.375	1.408	0.010	2.4489	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG112024 SAS No.: BG112024 SDG No.: BG112024

Instrument ID: BNA_G Calibration Date/Time: 11/20/2024 1 19:06

Lab File ID: BG063490.D Init. Calib. Date(s):

EPA Sample No.: SSTD020543 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.144	0.159	0.050	10.4348	20.0
2-Nitrophenol-d4	0.177	0.187	0.050	5.6386	30.0
2,4-Dichlorophenol-d3	0.339	0.368	0.060	8.573	20.0
4-Chloroaniline-d4	0.428	0.448	0.010	4.5726	40.0
Dimethylphthalate-d6	1.358	1.539	0.300	13.3216	20.0
Acenaphthylene-d8	1.548	1.682	0.400	8.6273	20.0
4-Nitrophenol-d4	0.202	0.218	0.010	7.8448	40.0
Fluorene-d10	1.234	1.358	0.100	10.0866	20.0
4,6-Dinitro-2-methylphenol-d2	0.112	0.120	0.010	6.7066	40.0
Anthracene-d10	0.869	0.976	0.300	12.292	20.0
Pyrene-d10	1.003	1.111	0.300	10.8385	25.0
Benzo(a)pyrene-d12	0.970	1.083	0.010	11.6174	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.: BG112024 SAS No.: BG112024 SDG No.: BG112024

Instrument ID: BNA_G Calibration Date/Time: 11/21/2024 1 02:04

Lab File ID: BG063500.D Init. Calib. Date(s):

EPA Sample No.: SSTD020544 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.598	0.610	0.010	1.9362	50.0
Benzaldehyde	0.941	1.191	0.010	26.5318	50.0
Pyridine	1.616	1.524	0.010	-5.6983	50.0
Phenol	1.794	1.888	0.080	5.2734	50.0
Bis(2-Chloroethyl)ether	1.295	1.336	0.100	3.171	50.0
2-Chlorophenol	1.244	1.295	0.200	4.067	50.0
2-Methylphenol	1.335	1.403	0.010	5.1573	50.0
2,2-oxybis(1-Chloropropane)	1.897	2.019	0.010	6.4716	50.0
Acetophenone	2.171	2.266	0.060	4.3526	50.0
4-Methylphenol	1.464	1.555	0.010	6.2667	50.0
N-Nitroso-di-n-propylamine	1.213	1.329	0.050	9.5346	50.0
Hexachloroethane	0.537	0.543	0.100	0.9674	50.0
Nitrobenzene	0.441	0.480	0.050	8.8574	50.0
Isophorone	0.805	0.888	0.050	10.3872	50.0
2-Nitrophenol	0.176	0.202	0.050	14.9716	50.0
2,4-Dimethylphenol	0.379	0.423	0.050	11.4058	50.0
Bis(2-Chloroethoxy)methane	0.445	0.481	0.050	7.9451	50.0
2,4-Dichlorophenol	0.331	0.356	0.060	7.692	50.0
Naphthalene	1.022	1.126	0.200	10.1551	50.0
4-Chloroaniline	0.409	0.443	0.010	8.1296	50.0
Hexachlorobutadiene	0.295	0.311	0.040	5.4888	50.0
Caprolactam	0.112	0.115	0.010	2.8791	50.0
4-Chloro-3-methylphenol	0.337	0.378	0.040	12.2616	50.0
1-Methylnaphthalene	0.762	0.822	0.100	7.8761	50.0
2-Methylnaphthalene	0.726	0.795	0.100	9.5555	50.0
Hexachlorocyclopentadiene	0.300	0.291	0.010	-2.9894	50.0
2,4,6-Trichlorophenol	0.386	0.404	0.090	4.7473	50.0
2,4,5-Trichlorophenol	0.398	0.441	0.100	10.931	50.0
1,1-Biphenyl	1.327	1.456	0.200	9.6762	50.0
2-Chloronaphthalene	1.043	1.123	0.300	7.6836	50.0
2-Nitroaniline	0.329	0.359	0.050	9.2338	50.0
Dimethylphthalate	1.323	1.437	0.300	8.6215	50.0
2,6-Dinitrotoluene	0.268	0.299	0.080	11.5924	50.0
Acenaphthylene	1.556	1.712	0.400	10.0009	50.0
3-Nitroaniline	0.246	0.268	0.010	9.2337	50.0
Acenaphthene	1.124	1.223	0.200	8.8273	50.0
2,4-Dinitrophenol	0.138	0.117	0.010	-14.9561	50.0
4-Nitrophenol	0.234	0.253	0.010	7.9916	50.0
Dibenzofuran	1.613	1.763	0.300	9.2837	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG112024 SAS No.: BG112024 SDG No.: BG112024

Instrument ID: BNA_G Calibration Date/Time: 11/21/2024 1 02:04

Lab File ID: BG063500.D Init. Calib. Date(s):

EPA Sample No.: SSTD020544 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.411	0.451	0.070	9.8906	50.0
Diethylphthalate	1.336	1.447	0.300	8.2903	50.0
Fluorene	1.373	1.449	0.200	5.5162	50.0
4-Chlorophenyl-phenylether	0.819	0.895	0.100	9.2772	50.0
4-Nitroaniline	0.252	0.283	0.010	12.344	50.0
4,6-Dinitro-2-methylphenol	0.120	0.127	0.010	5.337	50.0
N-Nitrosodiphenylamine	0.475	0.524	0.050	10.2885	50.0
1,2,4,5-Tetrachlorobenzene	0.703	0.753	0.100	7.2004	50.0
4-Bromophenyl-phenylether	0.224	0.250	0.070	11.5072	50.0
Hexachlorobenzene	0.235	0.261	0.050	11.1976	50.0
Atrazine	0.229	0.248	0.010	8.2407	50.0
Pentachlorophenol	0.110	0.118	0.010	7.4921	50.0
Phenanthrene	0.953	1.047	0.200	9.7671	50.0
Pentachlorobenzene	0.287	0.329	0.050	14.4854	50.0
Anthracene	0.974	1.083	0.200	11.278	50.0
1,2,3,4-Tetrachlorobenzene	0.291	0.328	0.050	12.8134	50.0
Carbazole	0.808	0.921	0.050	14.0444	50.0
Di-n-butylphthalate	0.926	1.058	0.500	14.2469	50.0
Fluoranthene	1.109	1.261	0.400	13.7653	50.0
Pyrene	1.188	1.393	0.400	17.2379	50.0
Butylbenzylphthalate	0.385	0.434	0.100	12.5334	50.0
3,3-Dichlorobenzidine	0.430	0.499	0.010	16.1761	50.0
Benzo(a)anthracene	1.293	1.465	0.300	13.3176	50.0
Chrysene	1.209	1.367	0.200	13.0711	50.0
Bis(2-ethylhexyl)phthalate	0.560	0.639	0.200	14.1196	50.0
Di-n-octyl phthalate	0.887	1.030	0.010	16.0553	50.0
Benzo(b)fluoranthene	1.201	1.369	0.200	14.0366	50.0
Benzo(k)fluoranthene	1.205	1.379	0.200	14.4205	50.0
Benzo(a)pyrene	1.124	1.276	0.200	13.5639	50.0
Indeno(1,2,3-cd)pyrene	1.394	1.565	0.200	12.2399	50.0
Dibenzo(a,h)anthracene	1.140	1.305	0.200	14.5135	50.0
Benzo(g,h,i)perylene	1.057	1.196	0.200	13.1686	50.0
2,3,4,6-Tetrachlorophenol	0.378	0.386	0.040	2.0176	50.0
1,4-Dioxane-d8	0.507	0.509	0.010	0.5371	50.0
Pyridine-d5	1.588	1.464	0.010	-7.8189	50.0
Phenol-d5	1.645	1.696	0.010	3.0967	50.0
Bis-(2-Chloroethyl)ether-d8	1.055	1.093	0.050	3.6186	50.0
2-Chlorophenol-d4	1.166	1.236	0.200	6.0598	50.0
4-Methylphenol-d8	1.375	1.428	0.010	3.8775	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG112024 SAS No.: BG112024 SDG No.: BG112024

Instrument ID: BNA_G Calibration Date/Time: 11/21/2024 1 02:04

Lab File ID: BG063500.D Init. Calib. Date(s):

EPA Sample No.: SSTD020544 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.144	0.157	0.050	9.0894	50.0
2-Nitrophenol-d4	0.177	0.194	0.050	9.1483	50.0
2,4-Dichlorophenol-d3	0.339	0.378	0.060	11.5953	50.0
4-Chloroaniline-d4	0.428	0.454	0.010	6.0377	50.0
Dimethylphthalate-d6	1.358	1.512	0.300	11.3824	50.0
Acenaphthylene-d8	1.548	1.668	0.400	7.7614	50.0
4-Nitrophenol-d4	0.202	0.194	0.010	-3.7045	50.0
Fluorene-d10	1.234	1.339	0.100	8.5463	50.0
4,6-Dinitro-2-methylphenol-d2	0.112	0.118	0.010	5.3195	50.0
Anthracene-d10	0.869	0.972	0.300	11.8175	50.0
Pyrene-d10	1.003	1.136	0.300	13.3013	50.0
Benzo(a)pyrene-d12	0.970	1.092	0.010	12.5334	50.0

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.: BG112024 SAS No.: BG112024 SDG No.: BG112024

Instrument ID: BNA_G Calibration Date/Time: 11/20/2024 1 14:59

Lab File ID: BG063485.D Init. Calib. Date(s):

EPA Sample No.: SICV423 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
1,4-Dioxane	0.598	0.534	0.010	-10.7437	40.0
Benzaldehyde	0.941	1.098	0.010	16.6328	40.0
Pyridine	1.616	1.422	0.010	-12.027	40.0
Phenol	1.794	1.937	0.080	8.0056	20.0
Bis(2-Chloroethyl)ether	1.295	1.443	0.100	11.4367	20.0
2-Chlorophenol	1.244	1.420	0.200	14.1142	20.0
2-Methylphenol	1.335	1.433	0.010	7.3544	20.0
2,2-oxybis(1-Chloropropane)	1.897	1.961	0.010	3.384	40.0
Acetophenone	2.171	2.283	0.060	5.1303	20.0
4-Methylphenol	1.464	1.538	0.010	5.0771	20.0
N-Nitroso-di-n-propylamine	1.213	1.337	0.050	10.1651	30.0
Hexachloroethane	0.537	0.594	0.100	10.584	20.0
Nitrobenzene	0.441	0.507	0.050	14.9823	25.0
Isophorone	0.805	0.859	0.050	6.8037	25.0
2-Nitrophenol	0.176	0.193	0.050	9.8825	25.0
2,4-Dimethylphenol	0.379	0.355	0.050	-6.4481	25.0
Bis(2-Chloroethoxy)methane	0.445	0.481	0.050	7.9747	20.0
2,4-Dichlorophenol	0.331	0.362	0.060	9.4099	20.0
Naphthalene	1.022	1.180	0.200	15.4042	20.0
4-Chloroaniline	0.409	0.473	0.010	15.5856	40.0
Hexachlorobutadiene	0.295	0.340	0.040	15.3629	30.0
Caprolactam	0.112	0.121	0.010	8.4392	40.0
4-Chloro-3-methylphenol	0.337	0.376	0.040	11.6739	25.0
1-Methylnaphthalene	0.762	0.808	0.100	6.0047	20.0
2-Methylnaphthalene	0.726	0.844	0.100	16.3253	20.0
Hexachlorocyclopentadiene	0.300	0.271	0.010	-9.5868	40.0
2,4,6-Trichlorophenol	0.386	0.421	0.090	9.1384	25.0
2,4,5-Trichlorophenol	0.398	0.461	0.100	15.7894	25.0
1,1-Biphenyl	1.327	1.467	0.200	10.5211	20.0
2-Chloronaphthalene	1.043	1.121	0.300	7.4639	20.0
2-Nitroaniline	0.329	0.365	0.050	10.9699	40.0
Dimethylphthalate	1.323	1.433	0.300	8.2945	20.0
2,6-Dinitrotoluene	0.268	0.322	0.080	19.9633	30.0
Acenaphthylene	1.556	1.765	0.400	13.3952	20.0
3-Nitroaniline	0.246	0.299	0.010	21.5287	40.0
Acenaphthene	1.124	1.215	0.200	8.1033	20.0
2,4-Dinitrophenol	0.138	0.136	0.010	-1.2846	40.0
4-Nitrophenol	0.234	0.247	0.010	5.4167	40.0
Dibenzofuran	1.613	1.824	0.300	13.1079	20.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG112024 SAS No.: BG112024 SDG No.: BG112024

Instrument ID: BNA_G Calibration Date/Time: 11/20/2024 1 14:59

Lab File ID: BG063485.D Init. Calib. Date(s):

EPA Sample No.: SICV423 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.411	0.459	0.070	11.7272	30.0
Diethylphthalate	1.336	1.483	0.300	10.9541	20.0
Fluorene	1.373	1.515	0.200	10.3406	20.0
4-Chlorophenyl-phenylether	0.819	0.905	0.100	10.5241	20.0
4-Nitroaniline	0.252	0.327	0.010	30.0877	40.0
4,6-Dinitro-2-methylphenol	0.120	0.131	0.010	8.928	40.0
N-Nitrosodiphenylamine	0.475	0.541	0.050	13.8533	20.0
1,2,4,5-Tetrachlorobenzene	0.703	0.791	0.100	12.5861	20.0
4-Bromophenyl-phenylether	0.224	0.248	0.070	10.6815	20.0
Hexachlorobenzene	0.235	0.257	0.050	9.3926	25.0
Atrazine	0.229	0.247	0.010	7.7654	25.0
Pentachlorophenol	0.110	0.113	0.010	3.1003	40.0
Phenanthrene	0.953	1.050	0.200	10.1208	20.0
Pentachlorobenzene	0.287	0.312	0.050	8.6436	20.0
Anthracene	0.974	1.072	0.200	10.0714	20.0
1,2,3,4-Tetrachlorobenzene	0.291	0.302	0.050	3.9356	20.0
Carbazole	0.808	0.937	0.050	15.963	40.0
Di-n-butylphthalate	0.926	1.061	0.500	14.5369	25.0
Fluoranthene	1.109	1.258	0.400	13.5259	25.0
Pyrene	1.188	1.338	0.400	12.6117	25.0
Butylbenzylphthalate	0.385	0.427	0.100	10.8122	40.0
3,3-Dichlorobenzidine	0.430	0.537	0.010	24.8951	40.0
Benzo(a)anthracene	1.293	1.446	0.300	11.7887	30.0
Chrysene	1.209	1.342	0.200	10.9803	30.0
Bis(2-ethylhexyl)phthalate	0.560	0.639	0.200	14.0627	40.0
Di-n-octyl phthalate	0.887	1.005	0.010	13.3079	40.0
Benzo(b)fluoranthene	1.201	1.358	0.200	13.08	25.0
Benzo(k)fluoranthene	1.205	1.320	0.200	9.5442	25.0
Benzo(a)pyrene	1.124	1.268	0.200	12.8235	20.0
Indeno(1,2,3-cd)pyrene	1.394	1.516	0.200	8.7906	25.0
Dibenzo(a,h)anthracene	1.140	1.254	0.200	10.0083	30.0
Benzo(g,h,i)perylene	1.057	1.143	0.200	8.1332	30.0
2,3,4,6-Tetrachlorophenol	0.378	0.483	0.040	27.6874	20.0
1,4-Dioxane-d8	0.507	0.448	0.010	-11.676	25.0
Pyridine-d5	1.588	1.518	0.010	-4.3977	40.0
Phenol-d5	1.645	1.848	0.010	12.3584	25.0
Bis-(2-Chloroethyl)ether-d8	1.055	1.339	0.050	26.91	25.0
2-Chlorophenol-d4	1.166	1.390	0.200	19.2769	20.0
4-Methylphenol-d8	1.375	1.425	0.010	3.6782	20.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG112024 SAS No.: BG112024 SDG No.: BG112024

Instrument ID: BNA_G Calibration Date/Time: 11/20/2024 1 14:59

Lab File ID: BG063485.D Init. Calib. Date(s):

EPA Sample No.: SICV423 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.144	0.169	0.050	17.5757	20.0
2-Nitrophenol-d4	0.177	0.201	0.050	13.2283	30.0
2,4-Dichlorophenol-d3	0.339	0.376	0.060	10.9793	20.0
4-Chloroaniline-d4	0.428	0.477	0.010	11.3384	40.0
Dimethylphthalate-d6	1.358	1.503	0.300	10.6689	20.0
Acenaphthylene-d8	1.548	1.725	0.400	11.4165	20.0
4-Nitrophenol-d4	0.202	0.219	0.010	8.7795	40.0
Fluorene-d10	1.234	1.373	0.100	11.3124	20.0
4,6-Dinitro-2-methylphenol-d2	0.112	0.121	0.010	7.6467	40.0
Anthracene-d10	0.869	0.977	0.300	12.4085	20.0
Pyrene-d10	1.003	1.150	0.300	14.6783	25.0
Benzo(a)pyrene-d12	0.970	1.092	0.010	12.5872	20.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	11/19/2024 12:00:00 AM
Project:				Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SBLK114			SDG No.:	BG112024
Lab Sample ID:	PB165114BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063486.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165114

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:	11/19/2024 12:00:00 AM
Project:				Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SBLK114			SDG No.:	BG112024
Lab Sample ID:	PB165114BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063486.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165114

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:	11/19/2024 12:00:00 AM
Project:				Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SBLK114			SDG No.:	BG112024
Lab Sample ID:	PB165114BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063486.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165114

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	6.281		15-120		79	SPK: -8
7291-22-7	Pyridine-d5	27.948		20-120		70	SPK: -40
4165-62-2	Phenol-d5	32.959		10-130		82	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.136		25-120		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.07		20-130		85	SPK: -40
190780-66-6	4-Methylphenol-d8	30.859		25-125		77	SPK: -40
4165-60-0	Nitrobenzene-d5	31.983		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.478		20-130		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.064		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.11		1-146		78	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.944		25-130		87	SPK: -40
93951-97-4	Acenaphthylene-d8	33.775		10-130		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.102		10-150		75	SPK: -40
81103-79-9	Fluorene-d10	34.614		25-125		87	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/19/2024 12:00:00 AM
Project:				Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SBLK114			SDG No.:	BG112024
Lab Sample ID:	PB165114BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063486.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.804		10-130		70	SPK: -40
1719-06-8	Anthracene-d10	35.72		25-130		89	SPK: -40
1718-52-1	Pyrene-d10	35.703		15-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.777		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78928	7.829				
1146-65-2	Naphthalene-d8	335709	10.619				
15067-26-2	Acenaphthene-d10	255882	14.474				
1517-22-2	Phenanthrene-d10	632521	17.229				
1719-03-5	Chrysene-d12	745521	21.483				
1520-96-3	Perylene-d12	797231	24.527				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/15/2024 12:00:00 AM
Project:				Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E2A24			SDG No.:	BG112024
Lab Sample ID:	P4875-22			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063487.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165114

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:	11/15/2024 12:00:00 AM
Project:				Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E2A24			SDG No.:	BG112024
Lab Sample ID:	P4875-22			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063487.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165114

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:	11/15/2024 12:00:00 AM
Project:				Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E2A24			SDG No.:	BG112024
Lab Sample ID:	P4875-22			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063487.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165114

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	4.879		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	4.546	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	7.462		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.289		25-120		86	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.931		20-130		72	SPK: -40
190780-66-6	4-Methylphenol-d8	18.565		25-125		46	SPK: -40
4165-60-0	Nitrobenzene-d5	33.424		20-125		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.354		20-130		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.589		20-120		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.427		1-146		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	40.505		25-130		101	SPK: -40
93951-97-4	Acenaphthylene-d8	35.99		10-130		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.381		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	39.973		25-125		100	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/15/2024 12:00:00 AM
Project:				Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E2A24			SDG No.:	BG112024
Lab Sample ID:	P4875-22			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063487.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.239		10-130		88	SPK: -40
1719-06-8	Anthracene-d10	44.106		25-130		110	SPK: -40
1718-52-1	Pyrene-d10	44.942		15-130		112	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	44.959		20-130		112	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85637	7.836				
1146-65-2	Naphthalene-d8	347585	10.621				
15067-26-2	Acenaphthene-d10	272191	14.469				
1517-22-2	Phenanthrene-d10	664876	17.225				
1719-03-5	Chrysene-d12	757530	21.484				
1520-96-3	Perylene-d12	820003	24.522				
TENTATIVE IDENTIFIED COMPOUNDS							
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	3.4	J			17.894	
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/11/2024 12:00:00 AM
Project:				Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	BG3Q6			SDG No.:	BG112024
Lab Sample ID:	P4885-10			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
BG063488.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165114

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	10.2	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	2.6	5.1	ug/L
95-48-7	2-Methylphenol	0.84	U	0.84	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	0.91	U	0.91	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	2.6	5.1	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.6	5.1	ug/L
98-95-3	Nitrobenzene	1	U	1	2.6	5.1	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.6	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.6	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.6	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.6	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.95	U	0.95	2.6	5.1	ug/L
91-20-3	Naphthalene	0.71	U	0.71	2.6	5.1	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1	U	1	2.6	5.1	ug/L
105-60-2	Caprolactam	3	U	3	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.6	5.1	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.6	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.6	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.2	U	3.2	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.83	U	0.83	2.6	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	0.82	U	0.82	2.6	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	11/11/2024 12:00:00 AM
Project:				Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	BG3Q6			SDG No.:	BG112024
Lab Sample ID:	P4885-10			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
BG063488.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1	U	1	2.6	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.6	5.1	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.6	5.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.6	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.6	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.6	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	2.6	5.1	ug/L
51-28-5	2,4-Dinitrophenol	2.9	U	2.9	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	0.89	U	0.89	2.6	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.6	5.1	ug/L
84-66-2	Diethylphthalate	0.89	U	0.89	2.6	5.1	ug/L
86-73-7	Fluorene	0.89	U	0.89	2.6	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	2.6	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	2.6	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.92	U	0.92	2.6	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.6	5.1	ug/L
118-74-1	Hexachlorobenzene	0.57	U	0.57	2.6	5.1	ug/L
1912-24-9	Atrazine	0.98	U	0.98	5.1	10	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	5.1	10	ug/L
85-01-8	Phenanthrene	0.99	U	0.99	2.6	5.1	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.6	5.1	ug/L
120-12-7	Anthracene	0.73	U	0.73	2.6	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.94	U	0.94	2.6	5.1	ug/L
86-74-8	Carbazole	1	U	1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	0.83	U	0.83	2.6	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:	11/11/2024 12:00:00 AM
Project:				Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	BG3Q6			SDG No.:	BG112024
Lab Sample ID:	P4885-10			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
BG063488.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.54	U	0.54	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	0.99	U	0.99	2.6	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	2.6	5.1	ug/L
218-01-9	Chrysene	0.77	U	0.77	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.89	U	0.89	2.6	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	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.356		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	11.643		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.965		25-120		92	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.027		20-130		85	SPK: -40
190780-66-6	4-Methylphenol-d8	23.202		25-125		58	SPK: -40
4165-60-0	Nitrobenzene-d5	37.337		20-125		93	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.234		20-130		96	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.24		20-120		91	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.333		1-146		21	SPK: -40
85448-30-2	Dimethylphthalate-d6	43.548		25-130		109	SPK: -40
93951-97-4	Acenaphthylene-d8	38.851		10-130		97	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.644		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	43.526		25-125		109	SPK: -40

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Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	11/11/2024 12:00:00 AM
Project:				Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	BG3Q6			SDG No.:	BG112024
Lab Sample ID:	P4885-10			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
BG063488.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	40.551		10-130		101	SPK: -40
1719-06-8	Anthracene-d10	46.605		25-130		117	SPK: -40
1718-52-1	Pyrene-d10	46.843		15-130		117	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	47.446		20-130		119	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81653	7.83				
1146-65-2	Naphthalene-d8	339000	10.62				
15067-26-2	Acenaphthene-d10	261682	14.469				
1517-22-2	Phenanthrene-d10	621372	17.224				
1719-03-5	Chrysene-d12	698408	21.484				
1520-96-3	Perylene-d12	767779	24.522				
TENTATIVE IDENTIFIED COMPOUNDS							
064001-05-4	1,6,11,16,21,26-Hexaoxacyclotriaco	2.5	J			21.596	
E966796	Total Alkanes	1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/19/2024 12:00:00 AM
Project:				Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SLCS114			SDG No.:	BG112024
Lab Sample ID:	PB165114BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063489.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	3.3	J	2.3	5	10	ug/L
110-86-1	Pyridine	31		2.2	10	10	ug/L
108-95-2	Phenol	32		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	31		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	32		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	32		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	32		1.2	5	10	ug/L
98-86-2	Acetophenone	31		0.89	5	10	ug/L
106-44-5	4-Methylphenol	33		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	32		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	31		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	32		0.99	2.5	5	ug/L
78-59-1	Isophorone	32		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	27		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	32		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	33		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	16		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	31		0.98	2.5	5	ug/L
105-60-2	Caprolactam	31		2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	34		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	31		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	33		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	25		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	33		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:	11/19/2024 12:00:00 AM
Project:				Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SLCS114			SDG No.:	BG112024
Lab Sample ID:	PB165114BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063489.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34		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	36		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	34		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	34		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	34		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	36		1.5	5	10	ug/L
83-32-9	Acenaphthene	33		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	33		1.4	5	10	ug/L
132-64-9	Dibenzofuran	34		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	35		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	33		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	41		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	32		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	32		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	33		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	32		0.56	2.5	5	ug/L
1912-24-9	Atrazine	29		0.96	5	10	ug/L
87-86-5	Pentachlorophenol	30		2.5	5	10	ug/L
85-01-8	Phenanthrene	33		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	31		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	31		0.92	2.5	5	ug/L
86-74-8	Carbazole	35		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	35		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	33		0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	11/19/2024 12:00:00 AM
Project:				Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SLCS114			SDG No.:	BG112024
Lab Sample ID:	PB165114BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063489.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	33		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	35		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	33		0.56	2.5	5	ug/L
218-01-9	Chrysene	33		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	35		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	33		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	33		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	34		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.152		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	30.289		20-120		76	SPK: -40
4165-62-2	Phenol-d5	32.756		10-130		82	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.485		25-120		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.396		20-130		83	SPK: -40
190780-66-6	4-Methylphenol-d8	32.462		25-125		81	SPK: -40
4165-60-0	Nitrobenzene-d5	33.004		20-125		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.751		20-130		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.329		20-120		86	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.176		1-146		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.463		25-130		86	SPK: -40
93951-97-4	Acenaphthylene-d8	33.547		10-130		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.052		10-150		85	SPK: -40
81103-79-9	Fluorene-d10	34.062		25-125		85	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/19/2024 12:00:00 AM
Project:				Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SLCS114			SDG No.:	BG112024
Lab Sample ID:	PB165114BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063489.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.284		10-130		83	SPK: -40
1719-06-8	Anthracene-d10	32.525		25-130		81	SPK: -40
1718-52-1	Pyrene-d10	33.141		15-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.633		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94764	7.83				
1146-65-2	Naphthalene-d8	380905	10.62				
15067-26-2	Acenaphthene-d10	289968	14.469				
1517-22-2	Phenanthrene-d10	736959	17.224				
1719-03-5	Chrysene-d12	848219	21.484				
1520-96-3	Perylene-d12	898014	24.528				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/19/2024 12:00:00 AM
Project:				Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SBLK114			SDG No.:	BG112024
Lab Sample ID:	PB165114BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063491.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165114

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:	11/19/2024 12:00:00 AM
Project:				Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SBLK114			SDG No.:	BG112024
Lab Sample ID:	PB165114BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063491.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165114

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:	11/19/2024 12:00:00 AM
Project:				Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SBLK114			SDG No.:	BG112024
Lab Sample ID:	PB165114BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063491.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165114

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	6.792		15-120		85	SPK: -8
7291-22-7	Pyridine-d5	30.356		20-120		76	SPK: -40
4165-62-2	Phenol-d5	32.418		10-130		81	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.061		25-120		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.269		20-130		81	SPK: -40
190780-66-6	4-Methylphenol-d8	32.154		25-125		80	SPK: -40
4165-60-0	Nitrobenzene-d5	33.461		20-125		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.762		20-130		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.807		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.747		1-146		79	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.336		25-130		86	SPK: -40
93951-97-4	Acenaphthylene-d8	33.63		10-130		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.663		10-150		69	SPK: -40
81103-79-9	Fluorene-d10	34.603		25-125		87	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/19/2024 12:00:00 AM
Project:				Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SBLK114			SDG No.:	BG112024
Lab Sample ID:	PB165114BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063491.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.343		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	35.005		25-130		88	SPK: -40
1718-52-1	Pyrene-d10	36.397		15-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.878		20-130		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83497	7.829				
1146-65-2	Naphthalene-d8	339295	10.62				
15067-26-2	Acenaphthene-d10	272058	14.469				
1517-22-2	Phenanthrene-d10	673276	17.224				
1719-03-5	Chrysene-d12	737093	21.484				
1520-96-3	Perylene-d12	827029	24.522				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/19/2024 12:00:00 AM
Project:				Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SBLK117			SDG No.:	BG112024
Lab Sample ID:	PB165117BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063492.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165117

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:	11/19/2024 12:00:00 AM
Project:				Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SBLK117			SDG No.:	BG112024
Lab Sample ID:	PB165117BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063492.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165117

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:	11/19/2024 12:00:00 AM
Project:				Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SBLK117			SDG No.:	BG112024
Lab Sample ID:	PB165117BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063492.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165117

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	5.964		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	29.745		20-120		74	SPK: -40
4165-62-2	Phenol-d5	32.557		10-130		81	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.585		25-120		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.582		20-130		81	SPK: -40
190780-66-6	4-Methylphenol-d8	31.838		25-125		80	SPK: -40
4165-60-0	Nitrobenzene-d5	32.444		20-125		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.962		20-130		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.946		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.323		1-146		81	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.311		25-130		86	SPK: -40
93951-97-4	Acenaphthylene-d8	33.143		10-130		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.657		10-150		67	SPK: -40
81103-79-9	Fluorene-d10	33.388		25-125		83	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/19/2024 12:00:00 AM
Project:				Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SBLK117			SDG No.:	BG112024
Lab Sample ID:	PB165117BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063492.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.301		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	35.329		25-130		88	SPK: -40
1718-52-1	Pyrene-d10	35.277		15-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.831		20-130		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91603	7.832				
1146-65-2	Naphthalene-d8	376655	10.623				
15067-26-2	Acenaphthene-d10	296379	14.471				
1517-22-2	Phenanthrene-d10	703059	17.221				
1719-03-5	Chrysene-d12	784033	21.481				
1520-96-3	Perylene-d12	840308	24.518				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/15/2024 12:00:00 AM
Project:				Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	BG400			SDG No.:	BG112024
Lab Sample ID:	P4903-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063493.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165117

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	10.2	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	2.6	5.1	ug/L
95-48-7	2-Methylphenol	0.84	U	0.84	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	0.91	U	0.91	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	2.6	5.1	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.6	5.1	ug/L
98-95-3	Nitrobenzene	1	U	1	2.6	5.1	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.6	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.6	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.6	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.6	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.95	U	0.95	2.6	5.1	ug/L
91-20-3	Naphthalene	0.71	U	0.71	2.6	5.1	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1	U	1	2.6	5.1	ug/L
105-60-2	Caprolactam	3	U	3	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.6	5.1	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.6	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.6	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.2	U	3.2	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.83	U	0.83	2.6	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	0.82	U	0.82	2.6	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	11/15/2024 12:00:00 AM
Project:				Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	BG400			SDG No.:	BG112024
Lab Sample ID:	P4903-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063493.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1	U	1	2.6	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.6	5.1	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.6	5.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.6	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.6	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.6	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	2.6	5.1	ug/L
51-28-5	2,4-Dinitrophenol	2.9	U	2.9	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	0.89	U	0.89	2.6	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.6	5.1	ug/L
84-66-2	Diethylphthalate	0.89	U	0.89	2.6	5.1	ug/L
86-73-7	Fluorene	0.89	U	0.89	2.6	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	2.6	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	2.6	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.92	U	0.92	2.6	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.6	5.1	ug/L
118-74-1	Hexachlorobenzene	0.57	U	0.57	2.6	5.1	ug/L
1912-24-9	Atrazine	0.98	U	0.98	5.1	10	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	5.1	10	ug/L
85-01-8	Phenanthrene	0.99	U	0.99	2.6	5.1	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.6	5.1	ug/L
120-12-7	Anthracene	0.73	U	0.73	2.6	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.94	U	0.94	2.6	5.1	ug/L
86-74-8	Carbazole	1	U	1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	0.83	U	0.83	2.6	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:	11/15/2024 12:00:00 AM
Project:				Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	BG400			SDG No.:	BG112024
Lab Sample ID:	P4903-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063493.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.54	U	0.54	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	0.99	U	0.99	2.6	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	2.6	5.1	ug/L
218-01-9	Chrysene	0.77	U	0.77	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.89	U	0.89	2.6	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	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.667		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	5.587	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	10.373		10-130		26	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.764		25-120		89	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.681		20-130		84	SPK: -40
190780-66-6	4-Methylphenol-d8	22.49		25-125		56	SPK: -40
4165-60-0	Nitrobenzene-d5	35.303		20-125		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.428		20-130		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.386		20-120		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.01		1-146		8	SPK: -40
85448-30-2	Dimethylphthalate-d6	40.783		25-130		102	SPK: -40
93951-97-4	Acenaphthylene-d8	37.713		10-130		94	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.002		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	41.355		25-125		103	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/15/2024 12:00:00 AM
Project:				Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	BG400			SDG No.:	BG112024
Lab Sample ID:	P4903-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063493.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	39.118		10-130		98	SPK: -40
1719-06-8	Anthracene-d10	44.955		25-130		112	SPK: -40
1718-52-1	Pyrene-d10	46.324		15-130		116	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	45.643		20-130		114	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82309	7.829				
1146-65-2	Naphthalene-d8	341144	10.62				
15067-26-2	Acenaphthene-d10	259803	14.474				
1517-22-2	Phenanthrene-d10	639108	17.224				
1719-03-5	Chrysene-d12	728057	21.484				
1520-96-3	Perylene-d12	803865	24.527				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/15/2024 12:00:00 AM
Project:				Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	BG405			SDG No.:	BG112024
Lab Sample ID:	P4903-09			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
BG063494.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165117

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:	11/15/2024 12:00:00 AM
Project:				Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	BG405			SDG No.:	BG112024
Lab Sample ID:	P4903-09			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
BG063494.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165117

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:	11/15/2024 12:00:00 AM
Project:				Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	BG405			SDG No.:	BG112024
Lab Sample ID:	P4903-09			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
BG063494.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165117

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	5.906		15-120		74	SPK: -8
7291-22-7	Pyridine-d5	5.728	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	9.704		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.567		25-120		91	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.691		20-130		82	SPK: -40
190780-66-6	4-Methylphenol-d8	21.909		25-125		55	SPK: -40
4165-60-0	Nitrobenzene-d5	38.058		20-125		95	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.829		20-130		92	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.626		20-120		89	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.815		1-146		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	41.562		25-130		104	SPK: -40
93951-97-4	Acenaphthylene-d8	38.706		10-130		97	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.777		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	42.403		25-125		106	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/15/2024 12:00:00 AM
Project:				Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	BG405			SDG No.:	BG112024
Lab Sample ID:	P4903-09			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
BG063494.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	38.764		10-130		97	SPK: -40
1719-06-8	Anthracene-d10	44.656		25-130		112	SPK: -40
1718-52-1	Pyrene-d10	46.783		15-130		117	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	46.829		20-130		117	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85139	7.831				
1146-65-2	Naphthalene-d8	351393	10.622				
15067-26-2	Acenaphthene-d10	268476	14.47				
1517-22-2	Phenanthrene-d10	676277	17.226				
1719-03-5	Chrysene-d12	753180	21.48				
1520-96-3	Perylene-d12	819520	24.523				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/15/2024 12:00:00 AM
Project:				Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	BG436			SDG No.:	BG112024
Lab Sample ID:	P4903-17			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063495.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165117

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:	11/15/2024 12:00:00 AM
Project:				Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	BG436			SDG No.:	BG112024
Lab Sample ID:	P4903-17			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063495.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165117

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:	11/15/2024 12:00:00 AM
Project:				Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	BG436			SDG No.:	BG112024
Lab Sample ID:	P4903-17			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063495.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165117

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	6.127		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	9.461		20-120		24	SPK: -40
4165-62-2	Phenol-d5	11.58		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	39.402		25-120		99	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.451		20-130		89	SPK: -40
190780-66-6	4-Methylphenol-d8	25.709		25-125		64	SPK: -40
4165-60-0	Nitrobenzene-d5	38.314		20-125		96	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.172		20-130		100	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.379		20-120		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.021		1-146		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	43.651		25-130		109	SPK: -40
93951-97-4	Acenaphthylene-d8	41.74		10-130		104	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.461		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	44.509		25-125		111	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/15/2024 12:00:00 AM
Project:				Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	BG436			SDG No.:	BG112024
Lab Sample ID:	P4903-17			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063495.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	39.168		10-130		98	SPK: -40
1719-06-8	Anthracene-d10	45.319		25-130		113	SPK: -40
1718-52-1	Pyrene-d10	47.453		15-130		119	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	46.55		20-130		116	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82506	7.832				
1146-65-2	Naphthalene-d8	346068	10.617				
15067-26-2	Acenaphthene-d10	261735	14.471				
1517-22-2	Phenanthrene-d10	662320	17.227				
1719-03-5	Chrysene-d12	739896	21.487				
1520-96-3	Perylene-d12	816810	24.524				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	2.6	J			15.834	
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	BG416			SDG No.:	BG112024
Lab Sample ID:	P4904-06			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
BG063496.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165117

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:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	BG416			SDG No.:	BG112024
Lab Sample ID:	P4904-06			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
BG063496.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165117

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:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	BG416			SDG No.:	BG112024
Lab Sample ID:	P4904-06			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
BG063496.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165117

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	5.302		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	5.705	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	10.987		10-130		27	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.609		25-120		89	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.938		20-130		80	SPK: -40
190780-66-6	4-Methylphenol-d8	25.042		25-125		63	SPK: -40
4165-60-0	Nitrobenzene-d5	38.37		20-125		96	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.08		20-130		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.023		20-120		93	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.359		1-146		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	43.074		25-130		108	SPK: -40
93951-97-4	Acenaphthylene-d8	40.374		10-130		101	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.962		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	42.526		25-125		106	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	BG416			SDG No.:	BG112024
Lab Sample ID:	P4904-06			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
BG063496.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	39.856		10-130		100	SPK: -40
1719-06-8	Anthracene-d10	45.645		25-130		114	SPK: -40
1718-52-1	Pyrene-d10	46.072		15-130		115	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	46.517		20-130		116	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83431	7.827				
1146-65-2	Naphthalene-d8	321815	10.618				
15067-26-2	Acenaphthene-d10	253802	14.472				
1517-22-2	Phenanthrene-d10	644432	17.222				
1719-03-5	Chrysene-d12	754591	21.481				
1520-96-3	Perylene-d12	817527	24.519				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	BG421			SDG No.:	BG112024
Lab Sample ID:	P4904-11			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063497.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165117

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:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	BG421			SDG No.:	BG112024
Lab Sample ID:	P4904-11			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063497.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165117

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:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	BG421			SDG No.:	BG112024
Lab Sample ID:	P4904-11			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063497.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165117

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	5.624		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	6.017	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	8.926		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.677		25-120		89	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.406		20-130		79	SPK: -40
190780-66-6	4-Methylphenol-d8	22.044		25-125		55	SPK: -40
4165-60-0	Nitrobenzene-d5	36.65		20-125		92	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.752		20-130		97	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.172		20-120		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.596		1-146		76	SPK: -40
85448-30-2	Dimethylphthalate-d6	41.507		25-130		104	SPK: -40
93951-97-4	Acenaphthylene-d8	38.465		10-130		96	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.755		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	41.005		25-125		103	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	BG421			SDG No.:	BG112024
Lab Sample ID:	P4904-11			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063497.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	39.369		10-130		98	SPK: -40
1719-06-8	Anthracene-d10	45.411		25-130		114	SPK: -40
1718-52-1	Pyrene-d10	46.797		15-130		117	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	46.888		20-130		117	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	96507	7.83				
1146-65-2	Naphthalene-d8	377103	10.621				
15067-26-2	Acenaphthene-d10	303337	14.47				
1517-22-2	Phenanthrene-d10	730086	17.225				
1719-03-5	Chrysene-d12	787517	21.479				
1520-96-3	Perylene-d12	850953	24.523				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	BG422			SDG No.:	BG112024
Lab Sample ID:	P4904-12			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063498.D	1	11/19/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165117

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	10.2	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	2.6	5.1	ug/L
95-48-7	2-Methylphenol	0.84	U	0.84	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	0.91	U	0.91	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	2.6	5.1	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.6	5.1	ug/L
98-95-3	Nitrobenzene	1	U	1	2.6	5.1	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.6	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.6	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.6	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.6	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.95	U	0.95	2.6	5.1	ug/L
91-20-3	Naphthalene	0.71	U	0.71	2.6	5.1	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1	U	1	2.6	5.1	ug/L
105-60-2	Caprolactam	3	U	3	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.6	5.1	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.6	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.6	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.2	U	3.2	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.83	U	0.83	2.6	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	0.82	U	0.82	2.6	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	BG422			SDG No.:	BG112024
Lab Sample ID:	P4904-12			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063498.D	1	11/19/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165117

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

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Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	BG422			SDG No.:	BG112024
Lab Sample ID:	P4904-12			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063498.D	1	11/19/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.54	U	0.54	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	0.99	U	0.99	2.6	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	2.6	5.1	ug/L
218-01-9	Chrysene	0.77	U	0.77	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.89	U	0.89	2.6	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	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.306		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	5.204	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	12.904		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.259		25-120		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.342		20-130		76	SPK: -40
190780-66-6	4-Methylphenol-d8	23.835		25-125		60	SPK: -40
4165-60-0	Nitrobenzene-d5	32.982		20-125		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.357		20-130		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.521		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.995		1-146		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.944		25-130		90	SPK: -40
93951-97-4	Acenaphthylene-d8	33.084		10-130		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.432		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	35.715		25-125		89	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/14/2024 12:00:00 AM
Project:				Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	BG422			SDG No.:	BG112024
Lab Sample ID:	P4904-12			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063498.D	1	11/19/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.906		10-130		87	SPK: -40
1719-06-8	Anthracene-d10	39.018		25-130		98	SPK: -40
1718-52-1	Pyrene-d10	39.686		15-130		99	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.162		20-130		103	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91395	7.829				
1146-65-2	Naphthalene-d8	357345	10.62				
15067-26-2	Acenaphthene-d10	269909	14.474				
1517-22-2	Phenanthrene-d10	682890	17.224				
1719-03-5	Chrysene-d12	824578	21.483				
1520-96-3	Perylene-d12	877081	24.521				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/19/2024 12:00:00 AM
Project:				Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SLCS117			SDG No.:	BG112024
Lab Sample ID:	PB165117BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063499.D	1	11/19/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165117

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	28		2.2	10	10	ug/L
108-95-2	Phenol	34		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	33		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	34		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	34		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	33		1.2	5	10	ug/L
98-86-2	Acetophenone	32		0.89	5	10	ug/L
106-44-5	4-Methylphenol	33		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	33		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	33		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	33		0.99	2.5	5	ug/L
78-59-1	Isophorone	33		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	35		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	28		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	33		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	34		0.93	2.5	5	ug/L
91-20-3	Naphthalene	34		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	17		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	33		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	37		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	32		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	34		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	23		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	37		0.8	2.5	5	ug/L

Alliance TECHNICAL GROUP
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Report of Analysis

Client:				Date Collected:	11/19/2024 12:00:00 AM
Project:				Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SLCS117			SDG No.:	BG112024
Lab Sample ID:	PB165117BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063499.D	1	11/19/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	33		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	36		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	35		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	37		1.5	5	10	ug/L
83-32-9	Acenaphthene	34		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	34		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	36		1.4	5	10	ug/L
132-64-9	Dibenzofuran	35		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	36		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	36		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	35		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	44		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	33		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	33		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	34		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	33		0.56	2.5	5	ug/L
1912-24-9	Atrazine	30		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	31		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	31		0.92	2.5	5	ug/L
86-74-8	Carbazole	36		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	37		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	34		0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	11/19/2024 12:00:00 AM
Project:				Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SLCS117			SDG No.:	BG112024
Lab Sample ID:	PB165117BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063499.D	1	11/19/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	33		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	35		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	33		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	34		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	35		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	35		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	34		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	34		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	6.156		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	28.985		20-120		72	SPK: -40
4165-62-2	Phenol-d5	34.652		10-130		87	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.141		25-120		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.299		20-130		86	SPK: -40
190780-66-6	4-Methylphenol-d8	33.54		25-125		84	SPK: -40
4165-60-0	Nitrobenzene-d5	34.138		20-125		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.085		20-130		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.795		20-120		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.331		1-146		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.046		25-130		90	SPK: -40
93951-97-4	Acenaphthylene-d8	34.371		10-130		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	36.608		10-150		92	SPK: -40
81103-79-9	Fluorene-d10	35.158		25-125		88	SPK: -40

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Report of Analysis

Client:				Date Collected:	11/19/2024 12:00:00 AM
Project:				Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SLCS117			SDG No.:	BG112024
Lab Sample ID:	PB165117BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063499.D	1	11/19/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.424		10-130		86	SPK: -40
1719-06-8	Anthracene-d10	34.098		25-130		85	SPK: -40
1718-52-1	Pyrene-d10	34.23		15-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.155		20-130		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82675	7.829				
1146-65-2	Naphthalene-d8	339113	10.62				
15067-26-2	Acenaphthene-d10	264665	14.474				
1517-22-2	Phenanthrene-d10	682363	17.224				
1719-03-5	Chrysene-d12	794942	21.483				
1520-96-3	Perylene-d12	857421	24.527				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BG112024

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : E2A24									
P4875-22	E2A24	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	3.400	J			
P4875-22	E2A24	Water	Total Alkanes	*	0.000		0.99	5	ug/L
			Total Tics :				**3.40**		
			Total Concentration:				**3.40**		
Client ID : BG3Q6									
P4885-10	BG3Q6	Water	1,6,11,16,21,26-Hexaoxacyclotria	*	2.500	J			
P4885-10	BG3Q6	Water	Total Alkanes	*	0.000		1	5.1	ug/L
			Total Tics :				**2.50**		
			Total Concentration:				**2.50**		
Client ID : BG400									
P4903-04	BG400	Water	Total Alkanes	*	0.000		1	5.1	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		
Client ID : BG405									
P4903-09	BG405	Water	Total Alkanes	*	0.000		1	5.1	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		
Client ID : BG436									
P4903-17	BG436	Water	Benzophenone	*	2.600	J			
P4903-17	BG436	Water	Total Alkanes	*	0.000		0.99	5	ug/L
			Total Tics :				**2.60**		
			Total Concentration:				**2.60**		
Client ID : BG416									
P4904-06	BG416	Water	Total Alkanes	*	0.000		1	5.1	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		
Client ID : BG421									
P4904-11	BG421	Water	Total Alkanes	*	0.000		0.99	5	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		
Client ID : BG422									
P4904-12	BG422	Water	Total Alkanes	*	0.000		1	5.1	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		

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Hit Summary Sheet
SW-846

SDG No.: BG112024

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG112024 SAS No.: BG112024 SDG No.: BG112024

Instrument ID: Calibration Date(s): 11/20/2024

Calibration Time(s): 10:20

LAB FILE ID: RRFAL1 = BG063479.D RRFAL2 = BG063480.D RRFAL3 = BG063481.D
RRFAL4 = BG063482.D RRFAL5 = BG063483.D RRFAL6 = BG063484.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.553	0.693	0.641	0.574	0.531		0.598	11.2
Benzaldehyde		1.157	1.188	1.056	0.726	0.580	0.941	29.0
Pyridine		1.562	1.718	1.639	1.583	1.578	1.616	4.0
Hexachloroethane	0.513	0.512	0.580	0.562	0.521		0.537	5.8
Nitrobenzene	0.386	0.430	0.480	0.455	0.452		0.441	8.0
Isophorone	0.738	0.791	0.867	0.816	0.810		0.805	5.8
2-Nitrophenol	0.158	0.164	0.191	0.183	0.184		0.176	7.8
2,4-Dimethylphenol	0.356	0.370	0.415	0.378	0.378		0.379	5.8
Bis(2-Chloroethoxy)methane	0.418	0.446	0.484	0.439	0.440		0.445	5.4
2,4-Dichlorophenol	0.303	0.316	0.363	0.339	0.334		0.331	7.0
Naphthalene	0.952	1.009	1.119	1.031	1.000		1.022	6.0
4-Chloroaniline		0.396	0.441	0.407	0.404	0.398	0.409	4.5
Hexachlorobutadiene	0.284	0.292	0.303	0.298	0.298		0.295	2.4
Phenol		1.744	1.898	1.800	1.771	1.755	1.794	3.5
Caprolactam		0.111	0.118	0.113	0.106	0.110	0.112	3.8
4-Chloro-3-methylphenol	0.301	0.316	0.367	0.346	0.354		0.337	8.1
1-Methylnaphthalene	0.746	0.758	0.818	0.754	0.734		0.762	4.3
2-Methylnaphthalene	0.671	0.709	0.789	0.738	0.722		0.726	6.0
Hexachlorocyclopentadiene		0.184	0.285	0.298	0.349	0.382	0.300	25.2
2,4,6-Trichlorophenol	0.366	0.369	0.408	0.389	0.397		0.386	4.6
2,4,5-Trichlorophenol	0.347	0.385	0.442	0.403	0.413		0.398	8.9
1,1-Biphenyl	1.243	1.297	1.464	1.331	1.301		1.327	6.2
2-Chloronaphthalene	0.998	1.028	1.145	1.025	1.018		1.043	5.6
2-Nitroaniline	0.262	0.294	0.376	0.356	0.356		0.329	14.7
Bis(2-Chloroethyl)ether		1.273	1.408	1.294	1.266	1.232	1.295	5.2
Dimethylphthalate	1.267	1.326	1.440	1.315	1.267		1.323	5.4
2,6-Dinitrotoluene	0.228	0.262	0.299	0.277	0.275		0.268	9.7
Acenaphthylene	1.460	1.514	1.735	1.563	1.510		1.556	6.8
3-Nitroaniline		0.260	0.274	0.244	0.229	0.223	0.246	8.7
Acenaphthene	1.089	1.106	1.235	1.103	1.088		1.124	5.6
2,4-Dinitrophenol		0.082	0.114	0.134	0.168	0.191	0.138	31.3
4-Nitrophenol		0.182	0.263	0.229	0.237	0.261	0.234	13.9
Dibenzofuran	1.512	1.598	1.770	1.621	1.563		1.613	6.0
2,4-Dinitrotoluene	0.354	0.403	0.460	0.423	0.412		0.411	9.3
Diethylphthalate	1.272	1.322	1.477	1.322	1.288		1.336	6.1
2-Chlorophenol	1.237	1.193	1.316	1.252	1.223		1.244	3.7

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.: BG112024 SAS No.: BG112024 SDG No.: BG112024

Instrument ID: Calibration Date(s): 11/20/2024

Calibration Time(s): 10:20

LAB FILE ID: RRFAL1 = BG063479.D RRFAL2 = BG063480.D RRFAL3 = BG063481.D
RRFAL4 = BG063482.D RRFAL5 = BG063483.D RRFAL6 = BG063484.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.346	1.372	1.487	1.359	1.301		1.373	5.0
4-Chlorophenyl-phenylether	0.796	0.792	0.884	0.825	0.800		0.819	4.6
4-Nitroaniline		0.259	0.308	0.255	0.223	0.214	0.252	14.8
4,6-Dinitro-2-methylphenol		0.100	0.124	0.123	0.124	0.130	0.120	9.8
N-Nitrosodiphenylamine	0.442	0.463	0.534	0.477	0.458		0.475	7.4
1,2,4,5-Tetrachlorobenzene	0.665	0.683	0.750	0.713	0.704		0.703	4.6
4-Bromophenyl-phenylether	0.202	0.210	0.249	0.232	0.226		0.224	8.2
Hexachlorobenzene	0.222	0.224	0.257	0.237	0.234		0.235	5.9
Atrazine		0.215	0.253	0.233	0.224	0.221	0.229	6.5
Pentachlorophenol		0.075	0.114	0.109	0.119	0.132	0.110	19.2
2-Methylphenol		1.255	1.388	1.380	1.332	1.317	1.335	4.0
Phenanthrene	0.920	0.942	1.058	0.960	0.887		0.953	6.8
Pentachlorobenzene	0.259	0.275	0.321	0.298	0.285		0.287	8.2
Anthracene	0.951	0.959	1.081	0.979	0.898		0.974	6.9
1,2,3,4-Tetrachlorobenzene	0.267	0.275	0.317	0.302	0.294		0.291	7.0
Carbazole		0.810	0.936	0.824	0.772	0.698	0.808	10.7
Di-n-butylphthalate	0.867	0.902	1.068	0.935	0.858		0.926	9.2
Fluoranthene	1.045	1.101	1.262	1.122	1.013		1.109	8.7
Pyrene	1.146	1.161	1.392	1.197	1.042		1.188	10.8
Butylbenzylphthalate	0.355	0.367	0.432	0.399	0.375		0.385	7.9
3,3-Dichlorobenzidine		0.453	0.497	0.441	0.400	0.358	0.430	12.3
2,2-oxybis(1-Chloropropane)		1.885	2.057	1.939	1.824	1.779	1.897	5.7
Benzo(a)anthracene	1.261	1.293	1.449	1.294	1.170		1.293	7.8
Chrysene	1.179	1.212	1.361	1.206	1.087		1.209	8.2
Bis(2-ethylhexyl)phthalate	0.524	0.544	0.628	0.570	0.536		0.560	7.4
Di-n-octyl phthalate		0.873	1.015	0.924	0.883	0.742	0.887	11.2
Benzo(b)fluoranthene	1.091	1.175	1.309	1.239	1.189		1.201	6.7
Benzo(k)fluoranthene	1.134	1.144	1.397	1.199	1.151		1.205	9.2
Benzo(a)pyrene	1.063	1.090	1.244	1.130	1.092		1.124	6.4
Indeno(1,2,3-cd)pyrene	1.267	1.358	1.547	1.418	1.380		1.394	7.3
Dibenzo(a,h)anthracene	1.044	1.111	1.273	1.152	1.118		1.140	7.4
Benzo(g,h,i)perylene	0.965	1.038	1.173	1.067	1.042		1.057	7.1
Acetophenone		2.115	2.324	2.265	2.111	2.041	2.171	5.5
2,3,4,6-Tetrachlorophenol	0.331	0.347	0.420	0.393	0.400		0.378	9.9
1,4-Dioxane-d8	0.451	0.550	0.516	0.523	0.494		0.507	7.3
Pyridine-d5		1.554	1.671	1.618	1.557	1.541	1.588	3.5

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.: BG112024 SAS No.: BG112024 SDG No.: BG112024

Instrument ID: Calibration Date(s): 11/20/2024

Calibration Time(s): 10:20

LAB FILE ID: RRFAL1 = BG063479.D RRFAL2 = BG063480.D RRFAL3 = BG063481.D
RRFAL4 = BG063482.D RRFAL5 = BG063483.D RRFAL6 = BG063484.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.493	1.779	1.705	1.621	1.627	1.645	6.5
Bis-(2-Chloroethyl)ether-d8		0.998	1.129	1.081	1.043	1.025	1.055	4.8
2-Chlorophenol-d4	1.047	1.183	1.241	1.192	1.166		1.166	6.2
4-Methylphenol-d8		1.278	1.453	1.437	1.360	1.346	1.375	5.2
Nitrobenzene-d5	0.121	0.140	0.160	0.146	0.152		0.144	10.3
2-Nitrophenol-d4	0.162	0.169	0.191	0.182	0.184		0.177	6.7
2,4-Dichlorophenol-d3	0.293	0.329	0.374	0.348	0.350		0.339	9.0
4-Chloroaniline-d4		0.394	0.470	0.426	0.430	0.422	0.428	6.3
4-Methylphenol		1.397	1.607	1.480	1.428	1.406	1.464	5.9
Dimethylphthalate-d6	1.250	1.330	1.502	1.365	1.341		1.358	6.7
Acenaphthylene-d8	1.475	1.520	1.687	1.558	1.501		1.548	5.4
4-Nitrophenol-d4		0.171	0.212	0.198	0.210	0.218	0.202	9.3
Fluorene-d10	1.202	1.192	1.330	1.234	1.211		1.234	4.5
4,6-Dinitro-2-methylphenol-		0.088	0.116	0.115	0.120	0.124	0.112	12.8
Anthracene-d10	0.831	0.842	0.969	0.879	0.824		0.869	6.9
Pyrene-d10	0.940	0.988	1.135	1.015	0.935		1.003	8.1
Benzo(a)pyrene-d12	0.899	0.920	1.069	0.998	0.965		0.970	7.0
N-Nitroso-di-n-propylamine	1.067	1.218	1.313	1.263	1.206		1.213	7.6

All other compounds must meet a minimum RRF of 0.010.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG112024 SAS No.: BG112024 SDG NO.: BG112024

EPA Sample No.: SSTD020419 Date Analyzed: Nov 20 2024 12:00AM

Lab File ID: BG063481.D Time Analyzed: 14:59

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	102084	7.833	423472	10.62	332670	14.47
	UPPER LIMIT	204168	8.333	846944	11.118	665340	14.972
	LOWER LIMIT	51042	7.333	211736	10.118	166335	13.972
	EPA SAMPLE NO.						
01	SICV423	89457	7.83	367180	10.62	294148	14.47
02	SBLK114	78928	7.83	335709	10.62	255882	14.47
03	E2A24	85637	7.84	347585	10.62	272191	14.47
04	BG3Q6	81653	7.83	339000	10.62	261682	14.47
05	SLCS114	94764	7.83	380905	10.62	289968	14.47
06	SBLK114	83497	7.83	339295	10.62	272058	14.47
07	SBLK117	91603	7.83	376655	10.62	296379	14.47
08	BG400	82309	7.83	341144	10.62	259803	14.47
09	BG405	85139	7.83	351393	10.62	268476	14.47
10	BG436	82506	7.83	346068	10.62	261735	14.47
11	BG416	83431	7.83	321815	10.62	253802	14.47
12	BG421	96507	7.83	377103	10.62	303337	14.47
13	BG422	91395	7.83	357345	10.62	269909	14.47
14	SLCS117	82675	7.83	339113	10.62	264665	14.47

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.: BG112024 SAS No.: BG112024 SDG NO.: BG112024

EPA Sample No.: SSTD020543 Date Analyzed: Nov 20 2024 12:00AM

Lab File ID: BG063490.D Time Analyzed: 19:44

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	99897	7.829	404818	10.62	309990	14.47
	UPPER LIMIT	199794	8.329	809636	11.12	619980	14.974
	LOWER LIMIT	49948.5	7.329	202409	10.12	154995	13.974
	EPA SAMPLE NO.						
01	SBLK114	83497	7.83	339295	10.62	272058	14.47
02	SBLK117	91603	7.83	376655	10.62	296379	14.47
03	BG400	82309	7.83	341144	10.62	259803	14.47
04	BG405	85139	7.83	351393	10.62	268476	14.47
05	BG436	82506	7.83	346068	10.62	261735	14.47
06	BG416	83431	7.83	321815	10.62	253802	14.47
07	BG421	96507	7.83	377103	10.62	303337	14.47
08	BG422	91395	7.83	357345	10.62	269909	14.47
09	SLCS117	82675	7.83	339113	10.62	264665	14.47

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.: BG112024 SAS No.: BG112024 SDG NO.: BG112024

EPA Sample No.: SSTD020419 Date Analyzed: Nov 20 2024 12:00AM

Lab File ID: BG063481.D Time Analyzed: 14:59

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	798503	17.228	871478	21.482	939052	24.525
	UPPER LIMIT	1597006	17.728	1742956	21.982	1878104	25.025
	LOWER LIMIT	399251.5	16.728	435739	20.982	469526	24.025
	EPA SAMPLE NO.						
01	SICV423	720016	17.23	802569	21.48	865122	24.53
02	SBLK114	632521	17.23	745521	21.48	797231	24.53
03	E2A24	664876	17.23	757530	21.48	820003	24.52
04	BG3Q6	621372	17.22	698408	21.48	767779	24.52
05	SLCS114	736959	17.22	848219	21.48	898014	24.53
06	SBLK114	673276	17.22	737093	21.48	827029	24.52
07	SBLK117	703059	17.22	784033	21.48	840308	24.52
08	BG400	639108	17.22	728057	21.48	803865	24.53
09	BG405	676277	17.23	753180	21.48	819520	24.52
10	BG436	662320	17.23	739896	21.49	816810	24.52
11	BG416	644432	17.22	754591	21.48	817527	24.52
12	BG421	730086	17.23	787517	21.48	850953	24.52
13	BG422	682890	17.22	824578	21.48	877081	24.52
14	SLCS117	682363	17.22	794942	21.48	857421	24.53

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG112024 SAS No.: BG112024 SDG NO.: BG112024

EPA Sample No.: SSTD020543 Date Analyzed: Nov 20 2024 12:00AM

Lab File ID: BG063490.D Time Analyzed: 19:44

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	775108	17.224	907669	21.483	971579	24.527
	UPPER LIMIT	1550216	17.724	1815338	21.983	1943158	25.027
	LOWER LIMIT	387554	16.724	453834.5	20.983	485789.5	24.027
	EPA SAMPLE NO.						
01	SBLK114	673276	17.22	737093	21.48	827029	24.52
02	SBLK117	703059	17.22	784033	21.48	840308	24.52
03	BG400	639108	17.22	728057	21.48	803865	24.53
04	BG405	676277	17.23	753180	21.48	819520	24.52
05	BG436	662320	17.23	739896	21.49	816810	24.52
06	BG416	644432	17.22	754591	21.48	817527	24.52
07	BG421	730086	17.23	787517	21.48	850953	24.52
08	BG422	682890	17.22	824578	21.48	877081	24.52
09	SLCS117	682363	17.22	794942	21.48	857421	24.53

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

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

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

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG112024

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
SSTDICV020	1,4-Dioxane	8	0	ug/L	0				0	0	
	Benzaldehyde	20	0	ug/L	0				0	0	
	Pyridine	20	0	ug/L	0				0	0	
	Phenol	20	0	ug/L	0				0	0	
	Bis(2-chloroethyl)ether	20	0	ug/L	0				0	0	
	2-Chlorophenol	20	0	ug/L	0				0	0	
	2-Methylphenol	20	0	ug/L	0				0	0	
	2,2-oxybis(1-Chloropropane)	20	0	ug/L	0				0	0	
	Acetophenone	20	0	ug/L	0				0	0	
	4-Methylphenol	20	0	ug/L	0				0	0	
	N-Nitroso-di-n-propylamine	20	0	ug/L	0				0	0	
	Hexachloroethane	20	0	ug/L	0				0	0	
	Nitrobenzene	20	0	ug/L	0				0	0	
	Isophorone	20	0	ug/L	0				0	0	
	2-Nitrophenol	20	0	ug/L	0				0	0	
	2,4-Dimethylphenol	20	0	ug/L	0				0	0	
	Bis(2-chloroethoxy)methane	20	0	ug/L	0				0	0	
	2,4-Dichlorophenol	20	0	ug/L	0				0	0	
	Naphthalene	20	0	ug/L	0				0	0	
	4-Chloroaniline	20	0	ug/L	0				0	0	
	Hexachlorobutadiene	20	0	ug/L	0				0	0	
	Caprolactam	20	0	ug/L	0				0	0	
	4-Chloro-3-methylphenol	20	0	ug/L	0				0	0	
	1-Methylnaphthalene	20	0	ug/L	0				0	0	
	2-Methylnaphthalene	20	0	ug/L	0				0	0	
	Hexachlorocyclopentadiene	20	0	ug/L	0				0	0	
	2,4,6-Trichlorophenol	20	0	ug/L	0				0	0	
	2,4,5-Trichlorophenol	20	0	ug/L	0				0	0	
	1,1'-Biphenyl	20	0	ug/L	0				0	0	
	2-Chloronaphthalene	20	0	ug/L	0				0	0	
	2-Nitroaniline	20	0	ug/L	0				0	0	
	Dimethylphthalate	20	0	ug/L	0				0	0	
	2,6-Dinitrotoluene	20	0	ug/L	0				0	0	
	Acenaphthylene	20	0	ug/L	0				0	0	
	3-Nitroaniline	20	0	ug/L	0				0	0	
	Acenaphthene	20	0	ug/L	0				0	0	
	2,4-Dinitrophenol	20	0	ug/L	0				0	0	
	4-Nitrophenol	20	0	ug/L	0				0	0	
	Dibenzofuran	20	0	ug/L	0				0	0	
	2,4-Dinitrotoluene	20	0	ug/L	0				0	0	
	Diethylphthalate	20	0	ug/L	0				0	0	
	Fluorene	20	0	ug/L	0				0	0	
	4-Chlorophenyl-phenylether	20	0	ug/L	0				0	0	
	4-Nitroaniline	20	0	ug/L	0				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG112024

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
SSTDICV020	4,6-Dinitro-2-methylphenol	20	0	ug/L	0				0	0	
	N-Nitrosodiphenylamine	20	0	ug/L	0				0	0	
	1,2,4,5-Tetrachlorobenzene	20	0	ug/L	0				0	0	
	4-Bromophenyl-phenylether	20	0	ug/L	0				0	0	
	Hexachlorobenzene	20	0	ug/L	0				0	0	
	Atrazine	20	0	ug/L	0				0	0	
	Pentachlorophenol	20	0	ug/L	0				0	0	
	Phenanthrene	20	0	ug/L	0				0	0	
	Pentachlorobenzene	20	0	ug/L	0				0	0	
	Anthracene	20	0	ug/L	0				0	0	
	1,2,3,4-Tetrachlorobenzene	20	0	ug/L	0				0	0	
	Carbazole	20	0	ug/L	0				0	0	
	Di-n-butylphthalate	20	0	ug/L	0				0	0	
	Fluoranthene	20	0	ug/L	0				0	0	
	Pyrene	20	0	ug/L	0				0	0	
	Butylbenzylphthalate	20	0	ug/L	0				0	0	
	3,3'-Dichlorobenzidine	20	0	ug/L	0				0	0	
	Benzo(a)anthracene	20	0	ug/L	0				0	0	
	Chrysene	20	0	ug/L	0				0	0	
	Bis(2-ethylhexyl)phthalate	20	0	ug/L	0				0	0	
	Di-n-octylphthalate	20	0	ug/L	0				0	0	
	Benzo(b)fluoranthene	20	0	ug/L	0				0	0	
	Benzo(k)fluoranthene	20	0	ug/L	0				0	0	
	Benzo(a)pyrene	20	0	ug/L	0				0	0	
	Indeno(1,2,3-cd)pyrene	20	0	ug/L	0				0	0	
	Dibenzo(a,h)anthracene	20	0	ug/L	0				0	0	
	Benzo(g,h,i)perylene	20	0	ug/L	0				0	0	
	2,3,4,6-Tetrachlorophenol	20	0	ug/L	0				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG112024

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB165114BS	1,4-Dioxane	16	11	ug/L	69				0	0	
	Benzaldehyde	40	3.3	ug/L	8				0	0	
	Pyridine	40	31	ug/L	78				0	0	
	Phenol	40	32	ug/L	80				0	0	
	Bis(2-chloroethyl)ether	40	31	ug/L	78				0	0	
	2-Chlorophenol	40	32	ug/L	80				0	0	
	2-Methylphenol	40	32	ug/L	80				0	0	
	2,2-oxybis(1-Chloropropane)	40	32	ug/L	80				0	0	
	Acetophenone	40	31	ug/L	78				0	0	
	4-Methylphenol	40	33	ug/L	83				0	0	
	N-Nitroso-di-n-propylamine	40	32	ug/L	80				0	0	
	Hexachloroethane	40	31	ug/L	78				0	0	
	Nitrobenzene	40	32	ug/L	80				0	0	
	Isophorone	40	32	ug/L	80				0	0	
	2-Nitrophenol	40	34	ug/L	85				0	0	
	2,4-Dimethylphenol	40	27	ug/L	68				0	0	
	Bis(2-chloroethoxy)methane	40	32	ug/L	80				0	0	
	2,4-Dichlorophenol	40	33	ug/L	83				0	0	
	Naphthalene	40	33	ug/L	83				0	0	
	4-Chloroaniline	40	16	ug/L	40				0	0	
	Hexachlorobutadiene	40	31	ug/L	78				0	0	
	Caprolactam	40	31	ug/L	78				0	0	
	4-Chloro-3-methylphenol	40	34	ug/L	85				0	0	
	1-Methylnaphthalene	40	31	ug/L	78				0	0	
	2-Methylnaphthalene	40	33	ug/L	83				0	0	
	Hexachlorocyclopentadiene	40	25	ug/L	63				0	0	
	2,4,6-Trichlorophenol	40	33	ug/L	83				0	0	
	2,4,5-Trichlorophenol	40	35	ug/L	88				0	0	
	1,1'-Biphenyl	40	34	ug/L	85				0	0	
	2-Chloronaphthalene	40	32	ug/L	80				0	0	
	2-Nitroaniline	40	36	ug/L	90				0	0	
	Dimethylphthalate	40	34	ug/L	85				0	0	
	2,6-Dinitrotoluene	40	34	ug/L	85				0	0	
	Acenaphthylene	40	34	ug/L	85				0	0	
	3-Nitroaniline	40	36	ug/L	90				0	0	
	Acenaphthene	40	33	ug/L	83				0	0	
	2,4-Dinitrophenol	40	32	ug/L	80				0	0	
	4-Nitrophenol	40	33	ug/L	83				0	0	
	Dibenzofuran	40	34	ug/L	85				0	0	
	2,4-Dinitrotoluene	40	35	ug/L	88				0	0	
	Diethylphthalate	40	35	ug/L	88				0	0	
	Fluorene	40	33	ug/L	83				0	0	
	4-Chlorophenyl-phenylether	40	33	ug/L	83				0	0	
	4-Nitroaniline	40	41	ug/L	103				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG112024

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB165114BS	4,6-Dinitro-2-methylphenol	40	32	ug/L	80				0	0	
	N-Nitrosodiphenylamine	40	32	ug/L	80				0	0	
	1,2,4,5-Tetrachlorobenzene	40	32	ug/L	80				0	0	
	4-Bromophenyl-phenylether	40	33	ug/L	83				0	0	
	Hexachlorobenzene	40	32	ug/L	80				0	0	
	Atrazine	40	29	ug/L	73				0	0	
	Pentachlorophenol	40	30	ug/L	75				0	0	
	Phenanthrene	40	33	ug/L	83				0	0	
	Pentachlorobenzene	40	31	ug/L	78				0	0	
	Anthracene	40	32	ug/L	80				0	0	
	1,2,3,4-Tetrachlorobenzene	40	31	ug/L	78				0	0	
	Carbazole	40	35	ug/L	88				0	0	
	Di-n-butylphthalate	40	35	ug/L	88				0	0	
	Fluoranthene	40	33	ug/L	83				0	0	
	Pyrene	40	33	ug/L	83				0	0	
	Butylbenzylphthalate	40	35	ug/L	88				0	0	
	3,3'-Dichlorobenzidine	40	31	ug/L	78				0	0	
	Benzo(a)anthracene	40	33	ug/L	83				0	0	
	Chrysene	40	33	ug/L	83				0	0	
	Bis(2-ethylhexyl)phthalate	40	34	ug/L	85				0	0	
	Di-n-octylphthalate	40	35	ug/L	88				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	33	ug/L	83				0	0	
	Dibenzo(a,h)anthracene	40	33	ug/L	83				0	0	
	Benzo(g,h,i)perylene	40	33	ug/L	83				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.: BG112024

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB165117BS	1,4-Dioxane	16	12	ug/L	75				0	0	
	Benzaldehyde	40	3.8	ug/L	10				0	0	
	Pyridine	40	28	ug/L	70				0	0	
	Phenol	40	34	ug/L	85				0	0	
	Bis(2-chloroethyl)ether	40	33	ug/L	83				0	0	
	2-Chlorophenol	40	34	ug/L	85				0	0	
	2-Methylphenol	40	34	ug/L	85				0	0	
	2,2-oxybis(1-Chloropropane)	40	33	ug/L	83				0	0	
	Acetophenone	40	32	ug/L	80				0	0	
	4-Methylphenol	40	33	ug/L	83				0	0	
	N-Nitroso-di-n-propylamine	40	33	ug/L	83				0	0	
	Hexachloroethane	40	33	ug/L	83				0	0	
	Nitrobenzene	40	33	ug/L	83				0	0	
	Isophorone	40	33	ug/L	83				0	0	
	2-Nitrophenol	40	35	ug/L	88				0	0	
	2,4-Dimethylphenol	40	28	ug/L	70				0	0	
	Bis(2-chloroethoxy)methane	40	33	ug/L	83				0	0	
	2,4-Dichlorophenol	40	34	ug/L	85				0	0	
	Naphthalene	40	34	ug/L	85				0	0	
	4-Chloroaniline	40	17	ug/L	43				0	0	
	Hexachlorobutadiene	40	33	ug/L	83				0	0	
	Caprolactam	40	33	ug/L	83				0	0	
	4-Chloro-3-methylphenol	40	37	ug/L	93				0	0	
	1-Methylnaphthalene	40	32	ug/L	80				0	0	
	2-Methylnaphthalene	40	34	ug/L	85				0	0	
	Hexachlorocyclopentadiene	40	23	ug/L	58				0	0	
	2,4,6-Trichlorophenol	40	34	ug/L	85				0	0	
	2,4,5-Trichlorophenol	40	37	ug/L	93				0	0	
	1,1'-Biphenyl	40	34	ug/L	85				0	0	
	2-Chloronaphthalene	40	33	ug/L	83				0	0	
	2-Nitroaniline	40	37	ug/L	93				0	0	
	Dimethylphthalate	40	35	ug/L	88				0	0	
	2,6-Dinitrotoluene	40	36	ug/L	90				0	0	
	Acenaphthylene	40	35	ug/L	88				0	0	
	3-Nitroaniline	40	37	ug/L	93				0	0	
	Acenaphthene	40	34	ug/L	85				0	0	
	2,4-Dinitrophenol	40	34	ug/L	85				0	0	
	4-Nitrophenol	40	36	ug/L	90				0	0	
	Dibenzofuran	40	35	ug/L	88				0	0	
	2,4-Dinitrotoluene	40	36	ug/L	90				0	0	
	Diethylphthalate	40	36	ug/L	90				0	0	
	Fluorene	40	35	ug/L	88				0	0	
	4-Chlorophenyl-phenylether	40	35	ug/L	88				0	0	
	4-Nitroaniline	40	44	ug/L	110				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG112024

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB165117BS	4,6-Dinitro-2-methylphenol	40	34	ug/L	85				0	0	
	N-Nitrosodiphenylamine	40	33	ug/L	83				0	0	
	1,2,4,5-Tetrachlorobenzene	40	33	ug/L	83				0	0	
	4-Bromophenyl-phenylether	40	34	ug/L	85				0	0	
	Hexachlorobenzene	40	33	ug/L	83				0	0	
	Atrazine	40	30	ug/L	75				0	0	
	Pentachlorophenol	40	32	ug/L	80				0	0	
	Phenanthrene	40	34	ug/L	85				0	0	
	Pentachlorobenzene	40	31	ug/L	78				0	0	
	Anthracene	40	34	ug/L	85				0	0	
	1,2,3,4-Tetrachlorobenzene	40	31	ug/L	78				0	0	
	Carbazole	40	36	ug/L	90				0	0	
	Di-n-butylphthalate	40	37	ug/L	93				0	0	
	Fluoranthene	40	34	ug/L	85				0	0	
	Pyrene	40	33	ug/L	83				0	0	
	Butylbenzylphthalate	40	35	ug/L	88				0	0	
	3,3'-Dichlorobenzidine	40	33	ug/L	83				0	0	
	Benzo(a)anthracene	40	34	ug/L	85				0	0	
	Chrysene	40	35	ug/L	88				0	0	
	Bis(2-ethylhexyl)phthalate	40	35	ug/L	88				0	0	
	Di-n-octylphthalate	40	36	ug/L	90				0	0	
	Benzo(b)fluoranthene	40	35	ug/L	88				0	0	
	Benzo(k)fluoranthene	40	34	ug/L	85				0	0	
	Benzo(a)pyrene	40	34	ug/L	85				0	0	
	Indeno(1,2,3-cd)pyrene	40	34	ug/L	85				0	0	
	Dibenzo(a,h)anthracene	40	34	ug/L	85				0	0	
	Benzo(g,h,i)perylene	40	34	ug/L	85				0	0	
	2,3,4,6-Tetrachlorophenol	40	36	ug/L	90				0	0	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK114

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG112024 SAS No.: BG112024 SDG NO.: BG112024

Lab File ID: BG063491.D Lab Sample ID: PB165114BL

Instrument ID: BNA_G Date Extracted: 11/19/2024

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

Level: (low/med) LOW Time Analyzed: 19:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E2A24	P4875-22	BG063487.D	11/20/2024
BG3Q6	P4885-10	BG063488.D	11/20/2024
PB165114BS	PB165114BS	BG063489.D	11/20/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK117

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG112024 SAS No.: BG112024 SDG NO.: BG112024

Lab File ID: BG063492.D Lab Sample ID: PB165117BL

Instrument ID: BNA_G Date Extracted: 11/19/2024

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

Level: (low/med) LOW Time Analyzed: 20:22

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BG400	P4903-04	BG063493.D	11/20/2024
BG405	P4903-09	BG063494.D	11/20/2024
BG436	P4903-17	BG063495.D	11/20/2024
BG416	P4904-06	BG063496.D	11/20/2024
BG421	P4904-11	BG063497.D	11/20/2024
BG422	P4904-12	BG063498.D	11/21/2024
PB165117BS	PB165117BS	BG063499.D	11/21/2024

COMMENTS:

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Surrogate Summary

SW-846

SDG No.: BG112024

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	High
P4875-22	E2A24	BG063487.D	1,4-Dioxane-d8	8	4.88	61		15	120
			Pyridine-d5	40	4.55	11	*	20	120
			Phenol-d5	40	7.46	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.29	86		25	120
			2-Chlorophenol-d4	40	28.93	72		20	130
			4-Methylphenol-d8	40	18.57	46		25	125
			Nitrobenzene-d5	40	33.42	84		20	125
			2-Nitrophenol-d4	40	34.35	86		20	130
			2,4-Dichlorophenol-d3	40	32.59	81		20	120
			4-Chloroaniline-d4	40	22.43	56		1	146
			Dimethylphthalate-d6	40	40.51	101		25	130
			Acenaphthylene-d8	40	35.99	90		10	130
			4-Nitrophenol-d4	40	7.38	18		10	150
			Fluorene-d10	40	39.97	100		25	125
			4,6-Dinitro-2-methylphenol-d2	40	35.24	88		10	130
			Anthracene-d10	40	44.11	110		25	130
			Pyrene-d10	40	44.94	112		15	130
			Benzo(a)pyrene-d12	40	44.96	112		20	130
P4885-10	BG3Q6	BG063488.D	1,4-Dioxane-d8	8	5.36	67		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	11.64	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.97	92		25	120
			2-Chlorophenol-d4	40	34.03	85		20	130
			4-Methylphenol-d8	40	23.20	58		25	125
			Nitrobenzene-d5	40	37.34	93		20	125
			2-Nitrophenol-d4	40	38.23	96		20	130
			2,4-Dichlorophenol-d3	40	36.24	91		20	120
			4-Chloroaniline-d4	40	8.33	21		1	146
			Dimethylphthalate-d6	40	43.55	109		25	130
			Acenaphthylene-d8	40	38.85	97		10	130
			4-Nitrophenol-d4	40	11.64	29		10	150
			Fluorene-d10	40	43.53	109		25	125
			4,6-Dinitro-2-methylphenol-d2	40	40.55	101		10	130
			Anthracene-d10	40	46.61	117		25	130
			Pyrene-d10	40	46.84	117		15	130
			Benzo(a)pyrene-d12	40	47.45	119		20	130
PB165114BL	PB165114BL	BG063491.D	1,4-Dioxane-d8	8	6.79	85		15	120
		BG063486.D	Pyridine-d5	40	27.95	70		20	120
			1,4-Dioxane-d8	8	6.28	79		15	120
		BG063491.D	Pyridine-d5	40	30.36	76		20	120
			Phenol-d5	40	32.42	81		10	130
		BG063486.D	Phenol-d5	40	32.96	82		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.14	83		25	120
		BG063491.D	Bis(2-Chloroethyl)ether-d8	40	33.06	83		25	120
		BG063486.D	2-Chlorophenol-d4	40	34.07	85		20	130
		BG063491.D	2-Chlorophenol-d4	40	32.27	81		20	130
			4-Methylphenol-d8	40	32.15	80		25	125
		BG063486.D	4-Methylphenol-d8	40	30.86	77		25	125
			Nitrobenzene-d5	40	31.98	80		20	125

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Surrogate Summary

SW-846

SDG No.: BG112024

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB165114BL	PB165114BL	BG063491.D	Nitrobenzene-d5	40	33.46	84		20	125
		BG063486.D	2-Nitrophenol-d4	40	32.48	81		20	130
		BG063491.D	2-Nitrophenol-d4	40	33.76	84		20	130
			2,4-Dichlorophenol-d3	40	30.81	77		20	120
		BG063486.D	2,4-Dichlorophenol-d3	40	30.06	75		20	120
			4-Chloroaniline-d4	40	31.11	78		1	146
		BG063491.D	4-Chloroaniline-d4	40	31.75	79		1	146
			Dimethylphthalate-d6	40	34.34	86		25	130
		BG063486.D	Dimethylphthalate-d6	40	34.94	87		25	130
			Acenaphthylene-d8	40	33.78	84		10	130
		BG063491.D	Acenaphthylene-d8	40	33.63	84		10	130
		BG063486.D	4-Nitrophenol-d4	40	30.10	75		10	150
		BG063491.D	4-Nitrophenol-d4	40	27.66	69		10	150
		BG063486.D	Fluorene-d10	40	34.61	87		25	125
		BG063491.D	Fluorene-d10	40	34.60	87		25	125
		BG063486.D	4,6-Dinitro-2-methylphenol-d2	40	27.80	70		10	130
		BG063491.D	4,6-Dinitro-2-methylphenol-d2	40	26.34	66		10	130
		BG063486.D	Anthracene-d10	40	35.72	89		25	130
		BG063491.D	Anthracene-d10	40	35.01	88		25	130
			Pyrene-d10	40	36.40	91		15	130
		BG063486.D	Pyrene-d10	40	35.70	89		15	130
			Benzo(a)pyrene-d12	40	35.78	89		20	130
		BG063491.D	Benzo(a)pyrene-d12	40	34.88	87		20	130
PB165114BS	PB165114BS	BG063489.D	Pyridine-d5	40	30.29	76		20	120
			1,4-Dioxane-d8	8	6.15	77		15	120
			Phenol-d5	40	32.76	82		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.49	79		25	120
			2-Chlorophenol-d4	40	33.40	83		20	130
			4-Methylphenol-d8	40	32.46	81		25	125
			Nitrobenzene-d5	40	33.00	83		20	125
			2-Nitrophenol-d4	40	32.75	82		20	130
			2,4-Dichlorophenol-d3	40	34.33	86		20	120
			4-Chloroaniline-d4	40	28.18	70		1	146
			Dimethylphthalate-d6	40	34.46	86		25	130
			Acenaphthylene-d8	40	33.55	84		10	130
			4-Nitrophenol-d4	40	34.05	85		10	150
			Fluorene-d10	40	34.06	85		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.28	83		10	130
			Anthracene-d10	40	32.53	81		25	130
			Pyrene-d10	40	33.14	83		15	130
			Benzo(a)pyrene-d12	40	33.63	84		20	130

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Surrogate Summary

SW-846

SDG No.: BG112024

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4903-04	BG400	BG063493.D	1,4-Dioxane-d8	8	5.67	71		15	120
			Pyridine-d5	40	5.59	14	*	20	120
			Phenol-d5	40	10.37	26		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.76	89		25	120
			2-Chlorophenol-d4	40	33.68	84		20	130
			4-Methylphenol-d8	40	22.49	56		25	125
			Nitrobenzene-d5	40	35.30	88		20	125
			2-Nitrophenol-d4	40	36.43	91		20	130
			2,4-Dichlorophenol-d3	40	33.39	83		20	120
			4-Chloroaniline-d4	40	3.01	8		1	146
			Dimethylphthalate-d6	40	40.78	102		25	130
			Acenaphthylene-d8	40	37.71	94		10	130
			4-Nitrophenol-d4	40	10.00	25		10	150
			Fluorene-d10	40	41.36	103		25	125
			4,6-Dinitro-2-methylphenol-d2	40	39.12	98		10	130
			Anthracene-d10	40	44.96	112		25	130
			Pyrene-d10	40	46.32	116		15	130
			Benzo(a)pyrene-d12	40	45.64	114		20	130
P4903-09	BG405	BG063494.D	1,4-Dioxane-d8	8	5.91	74		15	120
			Pyridine-d5	40	5.73	14	*	20	120
			Phenol-d5	40	9.70	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.57	91		25	120
			2-Chlorophenol-d4	40	32.69	82		20	130
			4-Methylphenol-d8	40	21.91	55		25	125
			Nitrobenzene-d5	40	38.06	95		20	125
			2-Nitrophenol-d4	40	36.83	92		20	130
			2,4-Dichlorophenol-d3	40	35.63	89		20	120
			4-Chloroaniline-d4	40	23.82	60		1	146
			Dimethylphthalate-d6	40	41.56	104		25	130
			Acenaphthylene-d8	40	38.71	97		10	130
			4-Nitrophenol-d4	40	8.78	22		10	150
			Fluorene-d10	40	42.40	106		25	125
			4,6-Dinitro-2-methylphenol-d2	40	38.76	97		10	130
			Anthracene-d10	40	44.66	112		25	130
			Pyrene-d10	40	46.78	117		15	130
			Benzo(a)pyrene-d12	40	46.83	117		20	130
P4903-17	BG436	BG063495.D	1,4-Dioxane-d8	8	6.13	77		15	120
			Pyridine-d5	40	9.46	24		20	120
			Phenol-d5	40	11.58	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	39.40	99		25	120
			2-Chlorophenol-d4	40	35.45	89		20	130
			4-Methylphenol-d8	40	25.71	64		25	125
			Nitrobenzene-d5	40	38.31	96		20	125
			2-Nitrophenol-d4	40	40.17	100		20	130
			2,4-Dichlorophenol-d3	40	35.38	88		20	120
			4-Chloroaniline-d4	40	32.02	80		1	146
			Dimethylphthalate-d6	40	43.65	109		25	130
			Acenaphthylene-d8	40	41.74	104		10	130
			4-Nitrophenol-d4	40	11.46	29		10	150

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Surrogate Summary

SW-846

SDG No.: BG112024

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4903-17	BG436	BG063495.D	Fluorene-d10	40	44.51	111		25	125
			4,6-Dinitro-2-methylphenol-d2	40	39.17	98		10	130
			Anthracene-d10	40	45.32	113		25	130
			Pyrene-d10	40	47.45	119		15	130
			Benzo(a)pyrene-d12	40	46.55	116		20	130
P4904-06	BG416	BG063496.D	1,4-Dioxane-d8	8	5.30	66		15	120
			Pyridine-d5	40	5.71	14	*	20	120
			Phenol-d5	40	10.99	27		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.61	89		25	120
			2-Chlorophenol-d4	40	31.94	80		20	130
			4-Methylphenol-d8	40	25.04	63		25	125
			Nitrobenzene-d5	40	38.37	96		20	125
			2-Nitrophenol-d4	40	38.08	95		20	130
			2,4-Dichlorophenol-d3	40	37.02	93		20	120
			4-Chloroaniline-d4	40	28.36	71		1	146
			Dimethylphthalate-d6	40	43.07	108		25	130
			Acenaphthylene-d8	40	40.37	101		10	130
			4-Nitrophenol-d4	40	10.96	27		10	150
			Fluorene-d10	40	42.53	106		25	125
			4,6-Dinitro-2-methylphenol-d2	40	39.86	100		10	130
			Anthracene-d10	40	45.65	114		25	130
			Pyrene-d10	40	46.07	115		15	130
			Benzo(a)pyrene-d12	40	46.52	116		20	130
P4904-11	BG421	BG063497.D	1,4-Dioxane-d8	8	5.62	70		15	120
			Pyridine-d5	40	6.02	15	*	20	120
			Phenol-d5	40	8.93	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.68	89		25	120
			2-Chlorophenol-d4	40	31.41	79		20	130
			4-Methylphenol-d8	40	22.04	55		25	125
			Nitrobenzene-d5	40	36.65	92		20	125
			2-Nitrophenol-d4	40	38.75	97		20	130
			2,4-Dichlorophenol-d3	40	35.17	88		20	120
			4-Chloroaniline-d4	40	30.60	76		1	146
			Dimethylphthalate-d6	40	41.51	104		25	130
			Acenaphthylene-d8	40	38.47	96		10	130
			4-Nitrophenol-d4	40	7.76	19		10	150
			Fluorene-d10	40	41.01	103		25	125
			4,6-Dinitro-2-methylphenol-d2	40	39.37	98		10	130
			Anthracene-d10	40	45.41	114		25	130
			Pyrene-d10	40	46.80	117		15	130
			Benzo(a)pyrene-d12	40	46.89	117		20	130
P4904-12	BG422	BG063498.D	1,4-Dioxane-d8	8	5.31	66		15	120
			Pyridine-d5	40	5.20	13	*	20	120
			Phenol-d5	40	12.90	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.26	78		25	120
			2-Chlorophenol-d4	40	30.34	76		20	130
			4-Methylphenol-d8	40	23.84	60		25	125
			Nitrobenzene-d5	40	32.98	82		20	125
			2-Nitrophenol-d4	40	32.36	81		20	130

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Surrogate Summary

SW-846

SDG No.: BG112024

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4904-12	BG422	BG063498.D	2,4-Dichlorophenol-d3	40	30.52	76		20	120
			4-Chloroaniline-d4	40	17.00	42		1	146
			Dimethylphthalate-d6	40	35.94	90		25	130
			Acenaphthylene-d8	40	33.08	83		10	130
			4-Nitrophenol-d4	40	10.43	26		10	150
			Fluorene-d10	40	35.72	89		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.91	87		10	130
			Anthracene-d10	40	39.02	98		25	130
			Pyrene-d10	40	39.69	99		15	130
			Benzo(a)pyrene-d12	40	41.16	103		20	130
PB165117BL	PB165117BL	BG063492.D	Pyridine-d5	40	29.75	74		20	120
			1,4-Dioxane-d8	8	5.96	75		15	120
			Phenol-d5	40	32.56	81		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.59	81		25	120
			2-Chlorophenol-d4	40	32.58	81		20	130
			4-Methylphenol-d8	40	31.84	80		25	125
			Nitrobenzene-d5	40	32.44	81		20	125
			2-Nitrophenol-d4	40	32.96	82		20	130
			2,4-Dichlorophenol-d3	40	29.95	75		20	120
			4-Chloroaniline-d4	40	32.32	81		1	146
			Dimethylphthalate-d6	40	34.31	86		25	130
			Acenaphthylene-d8	40	33.14	83		10	130
			4-Nitrophenol-d4	40	26.66	67		10	150
			Fluorene-d10	40	33.39	83		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.30	66		10	130
			Anthracene-d10	40	35.33	88		25	130
			Pyrene-d10	40	35.28	88		15	130
			Benzo(a)pyrene-d12	40	34.83	87		20	130
PB165117BS	PB165117BS	BG063499.D	1,4-Dioxane-d8	8	6.16	77		15	120
			Pyridine-d5	40	28.99	72		20	120
			Phenol-d5	40	34.65	87		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.14	83		25	120
			2-Chlorophenol-d4	40	34.30	86		20	130
			4-Methylphenol-d8	40	33.54	84		25	125
			Nitrobenzene-d5	40	34.14	85		20	125
			2-Nitrophenol-d4	40	34.09	85		20	130
			2,4-Dichlorophenol-d3	40	34.80	87		20	120
			4-Chloroaniline-d4	40	29.33	73		1	146
			Dimethylphthalate-d6	40	36.05	90		25	130
			Acenaphthylene-d8	40	34.37	86		10	130
			4-Nitrophenol-d4	40	36.61	92		10	150
			Fluorene-d10	40	35.16	88		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.42	86		10	130
			Anthracene-d10	40	34.10	85		25	130
			Pyrene-d10	40	34.23	86		15	130
			Benzo(a)pyrene-d12	40	34.16	85		20	130

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BG112024

Lab Code: CHEM SAS No.: BG112024 SDG NO.: BG112024

Lab File ID: BG063478.D DFTPP Injection Date: 11/20/2024

Instrument ID: BNA_G DFTPP Injection Time: 09:01

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.3
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	35.4
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	36.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	30.4
365	Greater than 1% of mass 198	5.6
441	Present, but less than mass 443	13.4
442	Greater than 50% of mass 198	79.2
443	15.0 - 24.0% of mass 442	14.7 (18.6) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD005417	SSTD00576	BG063479.D	11/20/2024	10:20
SSTD010418	SSTD01077	BG063480.D	11/20/2024	10:59
SSTD020419	SSTD02078	BG063481.D	11/20/2024	12:15
SSTD040420	SSTD04079	BG063482.D	11/20/2024	12:53
SSTD080421	SSTD08080	BG063483.D	11/20/2024	13:31
SSTD160422	SSTD16081	BG063484.D	11/20/2024	14:09
SICV423	SSTDICV020	BG063485.D	11/20/2024	14:59
SBLK114	PB165114BL	BG063486.D	11/20/2024	15:56
E2A24	P4875-22	BG063487.D	11/20/2024	16:34
BG3Q6	P4885-10	BG063488.D	11/20/2024	17:12
SLCS114	PB165114BS	BG063489.D	11/20/2024	17:50
SSTD020543	SSTDCCC020	BG063490.D	11/20/2024	19:06
SBLK114	PB165114BL	BG063491.D	11/20/2024	19:44
SBLK117	PB165117BL	BG063492.D	11/20/2024	20:22
BG400	P4903-04	BG063493.D	11/20/2024	21:00
BG405	P4903-09	BG063494.D	11/20/2024	21:38
BG436	P4903-17	BG063495.D	11/20/2024	22:16
BG416	P4904-06	BG063496.D	11/20/2024	22:54

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BG112024

Lab Code: CHEM SAS No.: BG112024 SDG NO.: BG112024

Lab File ID: BG063478.D DFTPP Injection Date: 11/20/2024

Instrument ID: BNA_G DFTPP Injection Time: 09:01

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.3
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	35.4
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	36.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	30.4
365	Greater than 1% of mass 198	5.6
441	Present, but less than mass 443	13.4
442	Greater than 50% of mass 198	79.2
443	15.0 - 24.0% of mass 442	14.7 (18.6) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
BG421	P4904-11	BG063497.D	11/20/2024	23:32
BG422	P4904-12	BG063498.D	11/21/2024	00:10
SLCS117	PB165117BS	BG063499.D	11/21/2024	00:48
SSTD020544	SSTDCCC020EC	BG063500.D	11/21/2024	02:04