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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG073124 SAS No.: BG073124 SDG No.: BG073124

Instrument ID: BNA_G Calibration Date/Time: 7/31/2024 12 17:42

Lab File ID: BG062222.D Init. Calib. Date(s):

EPA Sample No.: SSTD020587 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.580	0.559	0.010	-3.5569	40.0
Benzaldehyde	1.033	1.239	0.010	19.8798	40.0
Pyridine	1.530	1.536	0.010	0.3567	40.0
Phenol	1.974	1.910	0.080	-3.2449	20.0
Bis(2-Chloroethyl)ether	1.490	1.468	0.100	-1.4225	20.0
2-Chlorophenol	1.337	1.374	0.200	2.728	20.0
2-Methylphenol	1.524	1.490	0.010	-2.2604	20.0
2,2-oxybis(1-Chloropropane)	3.170	3.119	0.010	-1.6135	40.0
Acetophenone	2.587	2.582	0.060	-0.1839	20.0
4-Methylphenol	1.679	1.659	0.010	-1.1528	20.0
N-Nitroso-di-n-propylamine	1.425	1.439	0.050	0.943	30.0
Hexachloroethane	0.532	0.545	0.100	2.4404	20.0
Nitrobenzene	0.248	0.335	0.050	34.8008	25.0
Isophorone	0.883	0.852	0.050	-3.4779	25.0
2-Nitrophenol	0.090	0.128	0.050	42.2227	25.0
2,4-Dimethylphenol	0.392	0.386	0.050	-1.7308	25.0
Bis(2-Chloroethoxy)methane	0.478	0.468	0.050	-2.0195	20.0
2,4-Dichlorophenol	0.290	0.311	0.060	6.9445	20.0
Naphthalene	1.111	1.094	0.200	-1.5535	20.0
4-Chloroaniline	0.473	0.469	0.010	-0.7515	40.0
Hexachlorobutadiene	0.230	0.222	0.040	-3.355	30.0
Caprolactam	0.124	0.132	0.010	6.5243	40.0
4-Chloro-3-methylphenol	0.378	0.383	0.040	1.5075	25.0
1-Methylnaphthalene	0.810	0.794	0.100	-1.9596	20.0
2-Methylnaphthalene	0.786	0.765	0.100	-2.6607	20.0
Hexachlorocyclopentadiene	0.307	0.314	0.010	2.3051	40.0
2,4,6-Trichlorophenol	0.292	0.345	0.090	17.9344	25.0
2,4,5-Trichlorophenol	0.331	0.396	0.100	19.6762	25.0
1,1-Biphenyl	1.443	1.436	0.200	-0.4334	20.0
2-Chloronaphthalene	1.131	1.108	0.300	-2.0879	20.0
2-Nitroaniline	0.200	0.277	0.050	38.6825	40.0
Dimethylphthalate	1.564	1.558	0.300	-0.4102	20.0
2,6-Dinitrotoluene	0.147	0.201	0.080	36.5579	30.0
Acenaphthylene	1.877	1.832	0.400	-2.4101	20.0
3-Nitroaniline	0.184	0.219	0.010	19.1132	40.0
Acenaphthene	1.327	1.288	0.200	-2.903	20.0
2,4-Dinitrophenol	0.077	0.066	0.010	-14.0649	40.0
4-Nitrophenol	0.175	0.198	0.010	13.0656	40.0
Dibenzofuran	1.838	1.780	0.300	-3.1676	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG073124 SAS No.: BG073124 SDG No.: BG073124

Instrument ID: BNA_G Calibration Date/Time: 7/31/2024 1: 17:42

Lab File ID: BG062222.D Init. Calib. Date(s):

EPA Sample No.: SSTD020587 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.201	0.285	0.070	41.4559	30.0
Diethylphthalate	1.603	1.558	0.300	-2.8252	20.0
Fluorene	1.480	1.382	0.200	-6.6553	20.0
4-Chlorophenyl-phenylether	0.749	0.703	0.100	-6.1593	20.0
4-Nitroaniline	0.204	0.243	0.010	18.9728	40.0
4,6-Dinitro-2-methylphenol	0.053	0.055	0.010	3.218	40.0
N-Nitrosodiphenylamine	0.557	0.552	0.050	-0.8045	20.0
1,2,4,5-Tetrachlorobenzene	0.592	0.603	0.100	1.859	20.0
4-Bromophenyl-phenylether	0.214	0.209	0.070	-2.6055	20.0
Hexachlorobenzene	0.232	0.226	0.050	-2.5359	25.0
Atrazine	0.214	0.226	0.010	5.4784	25.0
Pentachlorophenol	0.147	0.126	0.010	-14.2548	40.0
Phenanthrene	1.079	1.066	0.200	-1.1774	20.0
Pentachlorobenzene	0.261	0.271	0.050	3.721	20.0
Anthracene	1.117	1.103	0.200	-1.2869	20.0
1,2,3,4-Tetrachlorobenzene	0.247	0.259	0.050	5.1781	20.0
Carbazole	0.917	0.957	0.050	4.3711	40.0
Di-n-butylphthalate	1.137	1.201	0.500	5.6549	25.0
Fluoranthene	1.311	1.315	0.400	0.3008	25.0
Pyrene	1.367	1.366	0.400	-0.0304	25.0
Butylbenzylphthalate	0.459	0.494	0.100	7.8197	40.0
3,3-Dichlorobenzidine	0.435	0.474	0.010	9.107	40.0
Benzo(a)anthracene	1.421	1.403	0.300	-1.2932	30.0
Chrysene	1.328	1.316	0.200	-0.9161	30.0
Bis(2-ethylhexyl)phthalate	0.717	0.759	0.200	5.9199	40.0
Di-n-octyl phthalate	1.123	1.171	0.010	4.242	40.0
Benzo(b)fluoranthene	1.244	1.218	0.200	-2.0764	25.0
Benzo(k)fluoranthene	1.237	1.238	0.200	0.0572	25.0
Benzo(a)pyrene	1.177	1.175	0.200	-0.1341	20.0
Indeno(1,2,3-cd)pyrene	1.384	1.442	0.200	4.1577	25.0
Dibenzo(a,h)anthracene	1.160	1.208	0.200	4.0858	30.0
Benzo(g,h,i)perylene	1.111	1.152	0.200	3.7167	30.0
2,3,4,6-Tetrachlorophenol	0.315	0.361	0.040	14.7617	20.0
1,4-Dioxane-d8	0.470	0.450	0.010	-4.3201	25.0
Pyridine-d5	1.435	1.413	0.010	-1.5302	40.0
Phenol-d5	1.914	1.843	0.010	-3.7288	25.0
Bis-(2-Chloroethyl)ether-d8	1.180	1.168	0.050	-1.063	25.0
2-Chlorophenol-d4	1.287	1.335	0.200	3.6596	20.0
4-Methylphenol-d8	1.593	1.554	0.010	-2.4215	20.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG073124 SAS No.: BG073124 SDG No.: BG073124

Instrument ID: BNA_G Calibration Date/Time: 7/31/2024 12 17:42

Lab File ID: BG062222.D Init. Calib. Date(s):

EPA Sample No.: SSTD020587 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.083	0.113	0.050	35.9048	20.0
2-Nitrophenol-d4	0.078	0.105	0.050	35.0335	30.0
2,4-Dichlorophenol-d3	0.291	0.325	0.060	11.7454	20.0
4-Chloroaniline-d4	0.492	0.486	0.010	-1.327	40.0
Dimethylphthalate-d6	1.507	1.523	0.300	1.0511	20.0
Acenaphthylene-d8	1.664	1.631	0.400	-1.9601	20.0
4-Nitrophenol-d4	0.181	0.210	0.010	16.2116	40.0
Fluorene-d10	1.339	1.273	0.100	-4.9808	20.0
4,6-Dinitro-2-methylphenol-d2	0.047	0.048	0.010	1.9935	40.0
Anthracene-d10	0.922	0.915	0.300	-0.7236	20.0
Pyrene-d10	1.119	1.136	0.300	1.4787	25.0
Benzo(a)pyrene-d12	0.978	0.984	0.010	0.6848	20.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG073124 SAS No.: BG073124 SDG No.: BG073124

Instrument ID: BNA_G Calibration Date/Time: 7/31/2024 12 23:10

Lab File ID: BG062230.D Init. Calib. Date(s):

EPA Sample No.: SSTD020588 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.580	0.545	0.010	-6.0166	50.0
Benzaldehyde	1.033	1.201	0.010	16.2158	50.0
Pyridine	1.530	1.430	0.010	-6.5805	50.0
Phenol	1.974	1.836	0.080	-6.9905	50.0
Bis(2-Chloroethyl)ether	1.490	1.428	0.100	-4.1439	50.0
2-Chlorophenol	1.337	1.350	0.200	0.9626	50.0
2-Methylphenol	1.524	1.447	0.010	-5.0344	50.0
2,2-oxybis(1-Chloropropane)	3.170	3.072	0.010	-3.0949	50.0
Acetophenone	2.587	2.495	0.060	-3.5458	50.0
4-Methylphenol	1.679	1.595	0.010	-5.018	50.0
N-Nitroso-di-n-propylamine	1.425	1.390	0.050	-2.5065	50.0
Hexachloroethane	0.532	0.565	0.100	6.1182	50.0
Nitrobenzene	0.248	0.358	0.050	44.0908	50.0
Isophorone	0.883	0.843	0.050	-4.5835	50.0
2-Nitrophenol	0.090	0.149	0.050	65.7916	50.0
2,4-Dimethylphenol	0.392	0.384	0.050	-2.0543	50.0
Bis(2-Chloroethoxy)methane	0.478	0.451	0.050	-5.6031	50.0
2,4-Dichlorophenol	0.290	0.319	0.060	9.728	50.0
Naphthalene	1.111	1.091	0.200	-1.8683	50.0
4-Chloroaniline	0.473	0.466	0.010	-1.5749	50.0
Hexachlorobutadiene	0.230	0.228	0.040	-1.0063	50.0
Caprolactam	0.124	0.121	0.010	-2.1861	50.0
4-Chloro-3-methylphenol	0.378	0.366	0.040	-3.1667	50.0
1-Methylnaphthalene	0.810	0.771	0.100	-4.8225	50.0
2-Methylnaphthalene	0.786	0.720	0.100	-8.4	50.0
Hexachlorocyclopentadiene	0.307	0.320	0.010	4.0604	50.0
2,4,6-Trichlorophenol	0.292	0.341	0.090	16.5978	50.0
2,4,5-Trichlorophenol	0.331	0.406	0.100	22.8421	50.0
1,1-Biphenyl	1.443	1.373	0.200	-4.8609	50.0
2-Chloronaphthalene	1.131	1.081	0.300	-4.4428	50.0
2-Nitroaniline	0.200	0.301	0.050	50.2247	50.0
Dimethylphthalate	1.564	1.518	0.300	-2.926	50.0
2,6-Dinitrotoluene	0.147	0.228	0.080	54.6718	50.0
Acenaphthylene	1.877	1.837	0.400	-2.1469	50.0
3-Nitroaniline	0.184	0.243	0.010	32.2841	50.0
Acenaphthene	1.327	1.296	0.200	-2.3434	50.0
2,4-Dinitrophenol	0.077	0.085	0.010	9.6756	50.0
4-Nitrophenol	0.175	0.212	0.010	20.9447	50.0
Dibenzofuran	1.838	1.820	0.300	-0.9727	50.0

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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG073124 SAS No.: BG073124 SDG No.: BG073124

Instrument ID: BNA_G Calibration Date/Time: 7/31/2024 12 23:10

Lab File ID: BG062230.D Init. Calib. Date(s):

EPA Sample No.: SSTD020588 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.201	0.324	0.070	60.9093	50.0
Diethylphthalate	1.603	1.564	0.300	-2.454	50.0
Fluorene	1.480	1.461	0.200	-1.3018	50.0
4-Chlorophenyl-phenylether	0.749	0.745	0.100	-0.5158	50.0
4-Nitroaniline	0.204	0.271	0.010	32.6378	50.0
4,6-Dinitro-2-methylphenol	0.053	0.068	0.010	27.2792	50.0
N-Nitrosodiphenylamine	0.557	0.544	0.050	-2.3259	50.0
1,2,4,5-Tetrachlorobenzene	0.592	0.574	0.100	-3.065	50.0
4-Bromophenyl-phenylether	0.214	0.207	0.070	-3.352	50.0
Hexachlorobenzene	0.232	0.232	0.050	0.0161	50.0
Atrazine	0.214	0.222	0.010	3.6258	50.0
Pentachlorophenol	0.147	0.134	0.010	-9.1592	50.0
Phenanthrene	1.079	1.075	0.200	-0.3821	50.0
Pentachlorobenzene	0.261	0.264	0.050	1.3568	50.0
Anthracene	1.117	1.100	0.200	-1.5543	50.0
1,2,3,4-Tetrachlorobenzene	0.247	0.242	0.050	-1.8664	50.0
Carbazole	0.917	0.949	0.050	3.507	50.0
Di-n-butylphthalate	1.137	1.134	0.500	-0.2493	50.0
Fluoranthene	1.311	1.300	0.400	-0.7988	50.0
Pyrene	1.367	1.366	0.400	-0.0183	50.0
Butylbenzylphthalate	0.459	0.493	0.100	7.4851	50.0
3,3-Dichlorobenzidine	0.435	0.468	0.010	7.6799	50.0
Benzo(a)anthracene	1.421	1.403	0.300	-1.269	50.0
Chrysene	1.328	1.322	0.200	-0.4879	50.0
Bis(2-ethylhexyl)phthalate	0.717	0.750	0.200	4.6557	50.0
Di-n-octyl phthalate	1.123	1.187	0.010	5.71	50.0
Benzo(b)fluoranthene	1.244	1.216	0.200	-2.3028	50.0
Benzo(k)fluoranthene	1.237	1.257	0.200	1.6373	50.0
Benzo(a)pyrene	1.177	1.167	0.200	-0.7854	50.0
Indeno(1,2,3-cd)pyrene	1.384	1.357	0.200	-1.9249	50.0
Dibenzo(a,h)anthracene	1.160	1.150	0.200	-0.8589	50.0
Benzo(g,h,i)perylene	1.111	1.091	0.200	-1.73	50.0
2,3,4,6-Tetrachlorophenol	0.315	0.389	0.040	23.7083	50.0
1,4-Dioxane-d8	0.470	0.435	0.010	-7.3744	50.0
Pyridine-d5	1.435	1.355	0.010	-5.6176	50.0
Phenol-d5	1.914	1.805	0.010	-5.6701	50.0
Bis-(2-Chloroethyl)ether-d8	1.180	1.127	0.050	-4.4971	50.0
2-Chlorophenol-d4	1.287	1.327	0.200	3.0667	50.0
4-Methylphenol-d8	1.593	1.524	0.010	-4.3403	50.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG073124 SAS No.: BG073124 SDG No.: BG073124

Instrument ID: BNA_G Calibration Date/Time: 7/31/2024 12 23:10

Lab File ID: BG062230.D Init. Calib. Date(s):

EPA Sample No.: SSTD020588 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.083	0.124	0.050	49.4576	50.0
2-Nitrophenol-d4	0.078	0.124	0.050	59.7567	50.0
2,4-Dichlorophenol-d3	0.291	0.320	0.060	9.9439	50.0
4-Chloroaniline-d4	0.492	0.482	0.010	-2.1755	50.0
Dimethylphthalate-d6	1.507	1.504	0.300	-0.2071	50.0
Acenaphthylene-d8	1.664	1.644	0.400	-1.2142	50.0
4-Nitrophenol-d4	0.181	0.237	0.010	31.2025	50.0
Fluorene-d10	1.339	1.324	0.100	-1.1356	50.0
4,6-Dinitro-2-methylphenol-d2	0.047	0.063	0.010	32.9559	50.0
Anthracene-d10	0.922	0.908	0.300	-1.4567	50.0
Pyrene-d10	1.119	1.140	0.300	1.8649	50.0
Benzo(a)pyrene-d12	0.978	0.994	0.010	1.6236	50.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG073124 SAS No.: BG073124 SDG No.: BG073124

Instrument ID: BNA_G Calibration Date/Time: 7/31/2024 12 16:20

Lab File ID: BG062220.D Init. Calib. Date(s):

EPA Sample No.: SICV424 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
1,4-Dioxane	0.580	0.462	0.010	-20.3714	40.0
Benzaldehyde	1.033	1.033	0.010	-0.0499	40.0
Pyridine	1.530	1.168	0.010	-23.6507	40.0
Phenol	1.974	1.657	0.080	-16.046	20.0
Bis(2-Chloroethyl)ether	1.490	1.265	0.100	-15.0627	20.0
2-Chlorophenol	1.337	1.220	0.200	-8.7479	20.0
2-Methylphenol	1.524	1.289	0.010	-15.4002	20.0
2,2-oxybis(1-Chloropropane)	3.170	2.669	0.010	-15.8068	40.0
Acetophenone	2.587	2.303	0.060	-10.9872	20.0
4-Methylphenol	1.679	1.443	0.010	-14.0547	20.0
N-Nitroso-di-n-propylamine	1.425	1.217	0.050	-14.6483	30.0
Hexachloroethane	0.532	0.451	0.100	-15.2463	20.0
Nitrobenzene	0.248	0.279	0.050	12.3478	25.0
Isophorone	0.883	0.732	0.050	-17.1592	25.0
2-Nitrophenol	0.090	0.108	0.050	20.302	25.0
2,4-Dimethylphenol	0.392	0.297	0.050	-24.1935	25.0
Bis(2-Chloroethoxy)methane	0.478	0.395	0.050	-17.3714	20.0
2,4-Dichlorophenol	0.290	0.274	0.060	-5.6781	20.0
Naphthalene	1.111	0.962	0.200	-13.4339	20.0
4-Chloroaniline	0.473	0.407	0.010	-13.8741	40.0
Hexachlorobutadiene	0.230	0.202	0.040	-12.1986	30.0
Caprolactam	0.124	0.114	0.010	-7.9833	40.0
4-Chloro-3-methylphenol	0.378	0.322	0.040	-14.7049	25.0
1-Methylnaphthalene	0.810	0.638	0.100	-21.2076	20.0
2-Methylnaphthalene	0.786	0.699	0.100	-11.0206	20.0
Hexachlorocyclopentadiene	0.307	0.242	0.010	-21.4016	40.0
2,4,6-Trichlorophenol	0.292	0.307	0.090	4.8637	25.0
2,4,5-Trichlorophenol	0.331	0.357	0.100	7.8684	25.0
1,1-Biphenyl	1.443	1.275	0.200	-11.594	20.0
2-Chloronaphthalene	1.131	0.972	0.300	-14.1301	20.0
2-Nitroaniline	0.200	0.245	0.050	22.3847	40.0
Dimethylphthalate	1.564	1.334	0.300	-14.7058	20.0
2,6-Dinitrotoluene	0.147	0.197	0.080	33.5693	30.0
Acenaphthylene	1.877	1.578	0.400	-15.9268	20.0
3-Nitroaniline	0.184	0.231	0.010	25.7299	40.0
Acenaphthene	1.327	1.135	0.200	-14.4355	20.0
2,4-Dinitrophenol	0.077	0.062	0.010	-19.9728	40.0
4-Nitrophenol	0.175	0.173	0.010	-0.8825	40.0
Dibenzofuran	1.838	1.588	0.300	-13.6098	20.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG073124 SAS No.: BG073124 SDG No.: BG073124

Instrument ID: BNA_G Calibration Date/Time: 7/31/2024 12 16:20

Lab File ID: BG062220.D Init. Calib. Date(s):

EPA Sample No.: SICV424 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.201	0.252	0.070	25.3303	30.0
Diethylphthalate	1.603	1.376	0.300	-14.216	20.0
Fluorene	1.480	1.247	0.200	-15.7299	20.0
4-Chlorophenyl-phenylether	0.749	0.638	0.100	-14.8031	20.0
4-Nitroaniline	0.204	0.250	0.010	22.5975	40.0
4,6-Dinitro-2-methylphenol	0.053	0.047	0.010	-11.5823	40.0
N-Nitrosodiphenylamine	0.557	0.490	0.050	-11.9398	20.0
1,2,4,5-Tetrachlorobenzene	0.592	0.509	0.100	-14.0646	20.0
4-Bromophenyl-phenylether	0.214	0.179	0.070	-16.5092	20.0
Hexachlorobenzene	0.232	0.197	0.050	-14.77	25.0
Atrazine	0.214	0.191	0.010	-10.6312	25.0
Pentachlorophenol	0.147	0.112	0.010	-23.6236	40.0
Phenanthrene	1.079	0.924	0.200	-14.3685	20.0
Pentachlorobenzene	0.261	0.222	0.050	-14.9771	20.0
Anthracene	1.117	0.953	0.200	-14.6569	20.0
1,2,3,4-Tetrachlorobenzene	0.247	0.222	0.050	-9.8683	20.0
Carbazole	0.917	0.838	0.050	-8.5776	40.0
Di-n-butylphthalate	1.137	1.025	0.500	-9.8465	25.0
Fluoranthene	1.311	1.163	0.400	-11.2972	25.0
Pyrene	1.367	1.213	0.400	-11.2682	25.0
Butylbenzylphthalate	0.459	0.441	0.100	-3.9142	40.0
3,3-Dichlorobenzidine	0.435	0.438	0.010	0.6376	40.0
Benzo(a)anthracene	1.421	1.222	0.300	-14.0065	30.0
Chrysene	1.328	1.152	0.200	-13.2303	30.0
Bis(2-ethylhexyl)phthalate	0.717	0.673	0.200	-6.0576	40.0
Di-n-octyl phthalate	1.123	1.069	0.010	-4.8004	40.0
Benzo(b)fluoranthene	1.244	1.062	0.200	-14.6811	25.0
Benzo(k)fluoranthene	1.237	1.079	0.200	-12.7795	25.0
Benzo(a)pyrene	1.177	1.024	0.200	-12.9474	20.0
Indeno(1,2,3-cd)pyrene	1.384	1.249	0.200	-9.745	25.0
Dibenzo(a,h)anthracene	1.160	1.028	0.200	-11.4234	30.0
Benzo(g,h,i)perylene	1.111	0.943	0.200	-15.0983	30.0
2,3,4,6-Tetrachlorophenol	0.315	0.349	0.040	10.9246	20.0
1,4-Dioxane-d8	0.470	0.372	0.010	-20.873	25.0
Pyridine-d5	1.435	1.193	0.010	-16.8675	40.0
Phenol-d5	1.914	1.628	0.010	-14.9522	25.0
Bis-(2-Chloroethyl)ether-d8	1.180	1.119	0.050	-5.1742	25.0
2-Chlorophenol-d4	1.287	1.221	0.200	-5.1413	20.0
4-Methylphenol-d8	1.593	1.370	0.010	-13.9906	20.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG073124 SAS No.: BG073124 SDG No.: BG073124

Instrument ID: BNA_G Calibration Date/Time: 7/31/2024 12 16:20

Lab File ID: BG062220.D Init. Calib. Date(s):

EPA Sample No.: SICV424 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.083	0.092	0.050	11.1967	20.0
2-Nitrophenol-d4	0.078	0.093	0.050	19.7353	30.0
2,4-Dichlorophenol-d3	0.291	0.281	0.060	-3.2894	20.0
4-Chloroaniline-d4	0.492	0.427	0.010	-13.2102	40.0
Dimethylphthalate-d6	1.507	1.369	0.300	-9.1654	20.0
Acenaphthylene-d8	1.664	1.493	0.400	-10.2487	20.0
4-Nitrophenol-d4	0.181	0.196	0.010	8.295	40.0
Fluorene-d10	1.339	1.203	0.100	-10.1567	20.0
4,6-Dinitro-2-methylphenol-d2	0.047	0.044	0.010	-6.7157	40.0
Anthracene-d10	0.922	0.816	0.300	-11.4215	20.0
Pyrene-d10	1.119	1.035	0.300	-7.5229	25.0
Benzo(a)pyrene-d12	0.978	0.930	0.010	-4.8702	20.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	SBLK406	SDG No.:	BG073124
Lab Sample ID:	PB162406BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062221.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

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:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	SBLK406			SDG No.:	BG073124
Lab Sample ID:	PB162406BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062221.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

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:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	SBLK406			SDG No.:	BG073124
Lab Sample ID:	PB162406BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062221.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

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	5.253		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	25.518		20-120		64	SPK: -40
4165-62-2	Phenol-d5	23.999		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.822		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.019		20-130		63	SPK: -40
190780-66-6	4-Methylphenol-d8	23.897		25-125		60	SPK: -40
4165-60-0	Nitrobenzene-d5	36.33		20-125		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.871		20-130		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.645		20-120		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.298		1-146		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.38		25-130		71	SPK: -40
93951-97-4	Acenaphthylene-d8	26.09		10-130		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.327		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	26.871		25-125		67	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	SBLK406			SDG No.:	BG073124
Lab Sample ID:	PB162406BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062221.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.892		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	26.86		25-130		67	SPK: -40
1718-52-1	Pyrene-d10	27.937		15-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.583		20-130		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	39460	7.982				
1146-65-2	Naphthalene-d8	178626	10.778				
15067-26-2	Acenaphthene-d10	143566	14.602				
1517-22-2	Phenanthrene-d10	355533	17.339				
1719-03-5	Chrysene-d12	359929	21.587				
1520-96-3	Perylene-d12	404724	24.7				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	SBLK406	SDG No.:	BG073124
Lab Sample ID:	PB162406BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062223.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

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:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	SBLK406			SDG No.:	BG073124
Lab Sample ID:	PB162406BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062223.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

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:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	SBLK406			SDG No.:	BG073124
Lab Sample ID:	PB162406BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062223.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

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	5.965		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	28.294		20-120		71	SPK: -40
4165-62-2	Phenol-d5	26.185		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.936		25-120		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.291		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	25.93		25-125		65	SPK: -40
4165-60-0	Nitrobenzene-d5	37.825		20-125		95	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.441		20-130		96	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.278		20-120		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.88		1-146		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.556		25-130		74	SPK: -40
93951-97-4	Acenaphthylene-d8	27.327		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.311		10-150		71	SPK: -40
81103-79-9	Fluorene-d10	28.341		25-125		71	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	SBLK406			SDG No.:	BG073124
Lab Sample ID:	PB162406BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062223.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.54		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	28.198		25-130		70	SPK: -40
1718-52-1	Pyrene-d10	29.225		15-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.932		20-130		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	36747	7.976				
1146-65-2	Naphthalene-d8	177550	10.772				
15067-26-2	Acenaphthene-d10	137378	14.596				
1517-22-2	Phenanthrene-d10	344943	17.34				
1719-03-5	Chrysene-d12	358925	21.587				
1520-96-3	Perylene-d12	398958	24.7				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	7/29/2024 12:00:00 AM
Project:				Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	E08K6			SDG No.:	BG073124
Lab Sample ID:	P3398-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062224.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

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:	7/29/2024 12:00:00 AM
Project:				Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	E08K6			SDG No.:	BG073124
Lab Sample ID:	P3398-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062224.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

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

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

Client:				Date Collected:	7/29/2024 12:00:00 AM
Project:				Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	E08K6			SDG No.:	BG073124
Lab Sample ID:	P3398-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062224.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

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	3.66		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	2	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	6.479		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.645		25-120		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.427		20-130		66	SPK: -40
190780-66-6	4-Methylphenol-d8	16.58		25-125		41	SPK: -40
4165-60-0	Nitrobenzene-d5	41.569		20-125		104	SPK: -40
93951-78-1	2-Nitrophenol-d4	42.624		20-130		107	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.93		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.309		1-146		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.417		25-130		84	SPK: -40
93951-97-4	Acenaphthylene-d8	31.016		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.026		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	32.086		25-125		80	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/29/2024 12:00:00 AM
Project:				Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	E08K6			SDG No.:	BG073124
Lab Sample ID:	P3398-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062224.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.921		10-130		70	SPK: -40
1719-06-8	Anthracene-d10	33.59		25-130		84	SPK: -40
1718-52-1	Pyrene-d10	33.654		15-130		84	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.174		20-130		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	34305	7.979				
1146-65-2	Naphthalene-d8	159565	10.775				
15067-26-2	Acenaphthene-d10	120096	14.599				
1517-22-2	Phenanthrene-d10	302213	17.337				
1719-03-5	Chrysene-d12	333813	21.584				
1520-96-3	Perylene-d12	374564	24.697				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	7/29/2024 12:00:00 AM
Project:				Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	E08K8			SDG No.:	BG073124
Lab Sample ID:	P3398-06			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
BG062225.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

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:	7/29/2024 12:00:00 AM
Project:				Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	E08K8			SDG No.:	BG073124
Lab Sample ID:	P3398-06			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
BG062225.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

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:	7/29/2024 12:00:00 AM
Project:				Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	E08K8			SDG No.:	BG073124
Lab Sample ID:	P3398-06			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
BG062225.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

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	3.585		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	5.051	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	5.67		10-130		14	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.728		25-120		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.763		20-130		59	SPK: -40
190780-66-6	4-Methylphenol-d8	14.227		25-125		36	SPK: -40
4165-60-0	Nitrobenzene-d5	38.375		20-125		96	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.694		20-130		99	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.706		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.452		1-146		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.41		25-130		71	SPK: -40
93951-97-4	Acenaphthylene-d8	27.18		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.855		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	27.675		25-125		69	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/29/2024 12:00:00 AM
Project:				Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	E08K8			SDG No.:	BG073124
Lab Sample ID:	P3398-06			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
BG062225.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.586		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	29.015		25-130		73	SPK: -40
1718-52-1	Pyrene-d10	28.844		15-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.867		20-130		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	38869	7.982				
1146-65-2	Naphthalene-d8	179014	10.778				
15067-26-2	Acenaphthene-d10	134743	14.597				
1517-22-2	Phenanthrene-d10	321241	17.34				
1719-03-5	Chrysene-d12	359337	21.587				
1520-96-3	Perylene-d12	391740	24.695				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain25.981	2	J			25.981	
	(DEL) Alkane: Straight-Chain27.321	2.2	J			27.321	
E966796	Total Alkanes	4.2				99	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E08L2			SDG No.:	BG073124
Lab Sample ID:	P3398-08			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062226.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

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:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E08L2			SDG No.:	BG073124
Lab Sample ID:	P3398-08			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062226.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

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:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E08L2			SDG No.:	BG073124
Lab Sample ID:	P3398-08			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062226.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

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	3.707		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	1.917	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	5.63		10-130		14	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.746		25-120		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.906		20-130		57	SPK: -40
190780-66-6	4-Methylphenol-d8	14.049		25-125		35	SPK: -40
4165-60-0	Nitrobenzene-d5	38.529		20-125		96	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.074		20-130		98	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.946		20-120		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.427		1-146		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.471		25-130		69	SPK: -40
93951-97-4	Acenaphthylene-d8	26.348		10-130		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.612		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	27.079		25-125		68	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E08L2			SDG No.:	BG073124
Lab Sample ID:	P3398-08			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062226.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.46		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	27.932		25-130		70	SPK: -40
1718-52-1	Pyrene-d10	28.722		15-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.636		20-130		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	40696	7.981				
1146-65-2	Naphthalene-d8	182415	10.777				
15067-26-2	Acenaphthene-d10	139807	14.595				
1517-22-2	Phenanthrene-d10	334683	17.339				
1719-03-5	Chrysene-d12	355970	21.586				
1520-96-3	Perylene-d12	395035	24.699				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E08L5			SDG No.:	BG073124
Lab Sample ID:	P3398-10			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062227.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

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:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E08L5			SDG No.:	BG073124
Lab Sample ID:	P3398-10			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062227.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

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:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E08L5			SDG No.:	BG073124
Lab Sample ID:	P3398-10			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062227.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

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	3.978		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	3.286	*	20-120		8	SPK: -40
4165-62-2	Phenol-d5	5.797		10-130		14	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.88		25-120		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.52		20-130		61	SPK: -40
190780-66-6	4-Methylphenol-d8	14.281		25-125		36	SPK: -40
4165-60-0	Nitrobenzene-d5	40.069		20-125		100	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.169		20-130		100	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.525		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.599		1-146		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.053		25-130		70	SPK: -40
93951-97-4	Acenaphthylene-d8	27.572		10-130		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.512		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	27.712		25-125		69	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E08L5			SDG No.:	BG073124
Lab Sample ID:	P3398-10			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062227.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.499		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	28.826		25-130		72	SPK: -40
1718-52-1	Pyrene-d10	29.943		15-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.906		20-130		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	38270	7.979				
1146-65-2	Naphthalene-d8	174532	10.775				
15067-26-2	Acenaphthene-d10	131653	14.599				
1517-22-2	Phenanthrene-d10	322985	17.336				
1719-03-5	Chrysene-d12	347364	21.584				
1520-96-3	Perylene-d12	381343	24.697				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	7/27/2024 12:00:00 AM
Project:				Date Received:	7/27/2024 12:00:00 AM
Client Sample ID:	E08K3			SDG No.:	BG073124
Lab Sample ID:	P3398-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062228.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

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:	7/27/2024 12:00:00 AM
Project:				Date Received:	7/27/2024 12:00:00 AM
Client Sample ID:	E08K3			SDG No.:	BG073124
Lab Sample ID:	P3398-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062228.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

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

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

Client:				Date Collected:	7/27/2024 12:00:00 AM
Project:				Date Received:	7/27/2024 12:00:00 AM
Client Sample ID:	E08K3			SDG No.:	BG073124
Lab Sample ID:	P3398-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062228.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

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	4.485		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	7.635	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	7.037		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.479		25-120		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.43		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	16.126		25-125		40	SPK: -40
4165-60-0	Nitrobenzene-d5	39.182		20-125		98	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.709		20-130		102	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.548		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.383		1-146		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.679		25-130		72	SPK: -40
93951-97-4	Acenaphthylene-d8	27.437		10-130		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.313		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	28.619		25-125		72	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/27/2024 12:00:00 AM
Project:				Date Received:	7/27/2024 12:00:00 AM
Client Sample ID:	E08K3			SDG No.:	BG073124
Lab Sample ID:	P3398-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062228.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.49		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	29.719		25-130		74	SPK: -40
1718-52-1	Pyrene-d10	30.414		15-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.77		20-130		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42149	7.976				
1146-65-2	Naphthalene-d8	193122	10.778				
15067-26-2	Acenaphthene-d10	147967	14.596				
1517-22-2	Phenanthrene-d10	364198	17.339				
1719-03-5	Chrysene-d12	378423	21.581				
1520-96-3	Perylene-d12	420435	24.7				
TENTATIVE IDENTIFIED COMPOUNDS							
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	2.4	J			13.439	
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	SLCS406			SDG No.:	BG073124
Lab Sample ID:	PB162406BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062229.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.6		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	26		2.3	5	10	ug/L
110-86-1	Pyridine	24		2.2	10	10	ug/L
108-95-2	Phenol	27		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	25		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	29		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	27		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	26		1.2	5	10	ug/L
98-86-2	Acetophenone	26		0.89	5	10	ug/L
106-44-5	4-Methylphenol	27		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	26		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	29		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	40		0.99	2.5	5	ug/L
78-59-1	Isophorone	26		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	46		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	24		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	27		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	32		0.93	2.5	5	ug/L
91-20-3	Naphthalene	27		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	23		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	28		0.98	2.5	5	ug/L
105-60-2	Caprolactam	30		2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	29		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	26		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	26		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	27		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	30		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	30		0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	SLCS406			SDG No.:	BG073124
Lab Sample ID:	PB162406BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062229.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	27		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	43		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	27		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	43		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	27		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	37		1.5	5	10	ug/L
83-32-9	Acenaphthene	27		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	36		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	35		1.4	5	10	ug/L
132-64-9	Dibenzofuran	27		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	47		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	27		0.87	2.5	5	ug/L
86-73-7	Fluorene	27		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	27		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	39		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	41		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	28		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	28		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	28		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	28		0.56	2.5	5	ug/L
1912-24-9	Atrazine	4	J	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	21		2.5	5	10	ug/L
85-01-8	Phenanthrene	28		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	28		1.2	2.5	5	ug/L
120-12-7	Anthracene	27		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	29		0.92	2.5	5	ug/L
86-74-8	Carbazole	29		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	29		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	28		0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	SLCS406			SDG No.:	BG073124
Lab Sample ID:	PB162406BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062229.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	29		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	31		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	30		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	28		0.56	2.5	5	ug/L
218-01-9	Chrysene	28		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	30		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	30		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	28		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	29		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	27		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	29		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	28		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	28		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	28		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.763		15-120		72	SPK: -8
7291-22-7	Pyridine-d5	23.878		20-120		60	SPK: -40
4165-62-2	Phenol-d5	26.962		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.307		25-120		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.276		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	26.459		25-125		66	SPK: -40
4165-60-0	Nitrobenzene-d5	40.085		20-125		100	SPK: -40
93951-78-1	2-Nitrophenol-d4	43.296		20-130		108	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.127		20-120		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.666		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.299		25-130		68	SPK: -40
93951-97-4	Acenaphthylene-d8	26.887		10-130		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	37.143		10-150		93	SPK: -40
81103-79-9	Fluorene-d10	27.311		25-125		68	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	SLCS406			SDG No.:	BG073124
Lab Sample ID:	PB162406BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062229.D	1	7/31/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162406

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	40.738		10-130		102	SPK: -40
1719-06-8	Anthracene-d10	27.635		25-130		69	SPK: -40
1718-52-1	Pyrene-d10	28.711		15-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.56		20-130		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44354	7.981				
1146-65-2	Naphthalene-d8	206074	10.777				
15067-26-2	Acenaphthene-d10	158518	14.596				
1517-22-2	Phenanthrene-d10	369152	17.339				
1719-03-5	Chrysene-d12	369229	21.586				
1520-96-3	Perylene-d12	404452	24.7				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BG073124

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : E08K3									
P3398-01	E08K3	Water	Phenol, 4-(1,1-dimethylpropyl)-	*	2.400	J			
P3398-01	E08K3	Water	Total Alkanes	*	0.000		0.99	5	ug/L
			Total Tics :				**2.40**		
			Total Concentration:				**2.40**		
Client ID : E08K6									
P3398-04	E08K6	Water	Total Alkanes	*	0.000		0.99	5	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		
Client ID : E08K8									
P3398-06	E08K8	Water	(DEL) Alkane: Straight-Chain25.9	*	2.000	J			
P3398-06	E08K8	Water	(DEL) Alkane: Straight-Chain27.3	*	2.200	J			
P3398-06	E08K8	Water	Total Alkanes	*	4.200		1	5.1	ug/L
			Total Tics :				**8.40**		
			Total Concentration:				**8.40**		
Client ID : E08L2									
P3398-08	E08L2	Water	Total Alkanes	*	0.000		0.99	5	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		
Client ID : E08L5									
P3398-10	E08L5	Water	Total Alkanes	*	0.000		0.99	5	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG073124 SAS No.: BG073124 SDG No.: BG073124

Instrument ID: Calibration Date(s): 7/31/2024

Calibration Time(s): 09:48

LAB FILE ID: RRFAL1 = BG062214.D RRFAL2 = BG062215.D RRFAL3 = BG062216.D
RRFAL4 = BG062217.D RRFAL5 = BG062218.D RRFAL6 = BG062219.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.737	0.598	0.510	0.529	0.524		0.580	16.3
Benzaldehyde		1.114	1.240	1.177	0.931	0.704	1.033	21.0
Pyridine		1.511	1.377	1.608	1.578	1.577	1.530	6.1
Hexachloroethane	0.525	0.523	0.506	0.562	0.547		0.532	4.1
Nitrobenzene	0.141	0.207	0.242	0.308	0.345		0.248	32.7
Isophorone	0.936	0.876	0.855	0.895	0.853		0.883	3.9
2-Nitrophenol	0.047	0.063	0.086	0.117	0.137		0.090	41.3
2,4-Dimethylphenol	0.401	0.390	0.386	0.399	0.387		0.392	1.7
Bis(2-Chloroethoxy)methane	0.504	0.478	0.466	0.479	0.462		0.478	3.4
2,4-Dichlorophenol	0.230	0.282	0.291	0.325	0.324		0.290	13.4
Naphthalene	1.163	1.111	1.091	1.129	1.064		1.111	3.4
4-Chloroaniline		0.486	0.476	0.492	0.463	0.449	0.473	3.7
Hexachlorobutadiene	0.236	0.228	0.224	0.236	0.226		0.230	2.3
Phenol		1.880	1.927	1.995	2.003	2.066	1.974	3.7
Caprolactam		0.123	0.119	0.131	0.127	0.118	0.124	4.6
4-Chloro-3-methylphenol	0.380	0.359	0.375	0.396	0.378		0.378	3.4
1-Methylnaphthalene	0.834	0.812	0.797	0.833	0.773		0.810	3.2
2-Methylnaphthalene	0.834	0.789	0.766	0.792	0.746		0.786	4.2
Hexachlorocyclopentadiene		0.259	0.280	0.319	0.325	0.352	0.307	12.1
2,4,6-Trichlorophenol	0.192	0.269	0.301	0.347	0.353		0.292	22.6
2,4,5-Trichlorophenol	0.225	0.317	0.344	0.383	0.385		0.331	19.9
1,1-Biphenyl	1.490	1.469	1.429	1.465	1.362		1.443	3.5
2-Chloronaphthalene	1.167	1.147	1.116	1.149	1.079		1.131	3.1
2-Nitroaniline	0.107	0.155	0.187	0.252	0.300		0.200	38.5
Bis(2-Chloroethyl)ether		1.500	1.472	1.532	1.481	1.463	1.490	1.8
Dimethylphthalate	1.629	1.607	1.532	1.583	1.469		1.564	4.1
2,6-Dinitrotoluene	0.086	0.118	0.137	0.180	0.216		0.147	34.9
Acenaphthylene	1.959	1.909	1.844	1.900	1.774		1.877	3.8
3-Nitroaniline		0.121	0.162	0.200	0.217	0.220	0.184	22.9
Acenaphthene	1.405	1.361	1.293	1.336	1.238		1.327	4.8
2,4-Dinitrophenol		0.076	0.046	0.063	0.088	0.114	0.077	33.3
4-Nitrophenol		0.137	0.155	0.186	0.197	0.198	0.175	15.7
Dibenzofuran	1.929	1.891	1.781	1.855	1.737		1.838	4.3
2,4-Dinitrotoluene	0.107	0.158	0.187	0.257	0.297		0.201	38.0
Diethylphthalate	1.661	1.671	1.542	1.642	1.501		1.603	4.8
2-Chlorophenol	1.151	1.306	1.343	1.444	1.444		1.337	9.0

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG073124 SAS No.: BG073124 SDG No.: BG073124

Instrument ID: Calibration Date(s): 7/31/2024

Calibration Time(s): 09:48

LAB FILE ID: RRFAL1 = BG062214.D RRFAL2 = BG062215.D RRFAL3 = BG062216.D
RRFAL4 = BG062217.D RRFAL5 = BG062218.D RRFAL6 = BG062219.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.575	1.530	1.464	1.497	1.336		1.480	6.1
4-Chlorophenyl-phenylether	0.786	0.788	0.749	0.745	0.678		0.749	6.0
4-Nitroaniline		0.155	0.192	0.228	0.225	0.221	0.204	15.3
4,6-Dinitro-2-methylphenol		0.029	0.036	0.051	0.067	0.083	0.053	42.1
N-Nitrosodiphenylamine	0.571	0.564	0.550	0.555	0.543		0.557	2.0
1,2,4,5-Tetrachlorobenzene	0.596	0.599	0.579	0.613	0.573		0.592	2.7
4-Bromophenyl-phenylether	0.221	0.212	0.211	0.219	0.208		0.214	2.5
Hexachlorobenzene	0.236	0.234	0.228	0.234	0.225		0.232	2.0
Atrazine		0.223	0.217	0.221	0.211	0.199	0.214	4.6
Pentachlorophenol		0.218	0.107	0.128	0.139	0.145	0.147	28.5
2-Methylphenol		1.479	1.460	1.559	1.535	1.586	1.524	3.5
Phenanthrene	1.138	1.102	1.071	1.090	0.994		1.079	4.9
Pentachlorobenzene	0.254	0.256	0.263	0.269	0.263		0.261	2.3
Anthracene	1.175	1.143	1.113	1.126	1.028		1.117	4.9
1,2,3,4-Tetrachlorobenzene	0.234	0.243	0.251	0.252	0.254		0.247	3.3
Carbazole		0.990	0.942	0.965	0.861	0.826	0.917	7.6
Di-n-butylphthalate	1.135	1.189	1.136	1.174	1.050		1.137	4.7
Fluoranthene	1.347	1.332	1.306	1.335	1.234		1.311	3.5
Pyrene	1.425	1.399	1.362	1.376	1.270		1.367	4.3
Butylbenzylphthalate	0.379	0.453	0.469	0.505	0.487		0.459	10.6
3,3-Dichlorobenzidine		0.450	0.464	0.471	0.419	0.370	0.435	9.5
2,2-oxybis(1-Chloropropane)		3.241	3.106	3.235	3.108	3.159	3.170	2.1
Benzo(a)anthracene	1.489	1.448	1.389	1.422	1.358		1.421	3.6
Chrysene	1.381	1.353	1.314	1.330	1.262		1.328	3.4
Bis(2-ethylhexyl)phthalate	0.618	0.742	0.727	0.760	0.738		0.717	7.9
Di-n-octyl phthalate		1.105	1.115	1.186	1.141	1.067	1.123	3.9
Benzo(b)fluoranthene	1.256	1.270	1.235	1.276	1.183		1.244	3.0
Benzo(k)fluoranthene	1.263	1.258	1.217	1.252	1.195		1.237	2.4
Benzo(a)pyrene	1.189	1.197	1.167	1.199	1.132		1.177	2.4
Indeno(1,2,3-cd)pyrene	1.400	1.393	1.353	1.401	1.374		1.384	1.5
Dibenzo(a,h)anthracene	1.177	1.166	1.137	1.181	1.141		1.160	1.8
Benzo(g,h,i)perylene	1.126	1.114	1.084	1.132	1.097		1.111	1.8
Acetophenone		2.573	2.589	2.689	2.534	2.551	2.587	2.3
2,3,4,6-Tetrachlorophenol	0.210	0.302	0.320	0.368	0.373		0.315	21.0
1,4-Dioxane-d8	0.520	0.494	0.397	0.485	0.453		0.470	10.1
Pyridine-d5		1.374	1.258	1.527	1.499	1.518	1.435	8.1

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG073124 SAS No.: BG073124 SDG No.: BG073124

Instrument ID: Calibration Date(s): 7/31/2024

Calibration Time(s): 09:48

LAB FILE ID: RRFAL1 = BG062214.D RRFAL2 = BG062215.D RRFAL3 = BG062216.D
RRFAL4 = BG062217.D RRFAL5 = BG062218.D RRFAL6 = BG062219.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.824	1.820	1.959	1.958	2.009	1.914	4.5
Bis-(2-Chloroethyl)ether-d8		1.176	1.160	1.216	1.171	1.178	1.180	1.8
2-Chlorophenol-d4	1.074	1.246	1.313	1.407	1.396		1.287	10.5
4-Methylphenol-d8		1.491	1.516	1.662	1.611	1.685	1.593	5.4
Nitrobenzene-d5	0.053	0.069	0.080	0.098	0.115		0.083	29.5
2-Nitrophenol-d4	0.044	0.067	0.072	0.093	0.113		0.078	33.7
2,4-Dichlorophenol-d3	0.227	0.274	0.302	0.327	0.326		0.291	14.3
4-Chloroaniline-d4		0.502	0.487	0.513	0.488	0.471	0.492	3.2
4-Methylphenol		1.611	1.621	1.712	1.686	1.764	1.679	3.8
Dimethylphthalate-d6	1.514	1.531	1.488	1.557	1.447		1.507	2.8
Acenaphthylene-d8	1.681	1.689	1.655	1.720	1.575		1.664	3.3
4-Nitrophenol-d4		0.121	0.152	0.198	0.214	0.220	0.181	23.5
Fluorene-d10	1.361	1.372	1.323	1.372	1.269		1.339	3.3
4,6-Dinitro-2-methylphenol-		0.026	0.033	0.046	0.058	0.074	0.047	40.5
Anthracene-d10	0.959	0.936	0.922	0.930	0.860		0.922	4.0
Pyrene-d10	1.111	1.141	1.128	1.150	1.067		1.119	2.9
Benzo(a)pyrene-d12	0.960	0.981	0.980	1.008	0.960		0.978	2.0
N-Nitroso-di-n-propylamine	1.467	1.419	1.386	1.471	1.384		1.425	3.0

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.: BG073124 SAS No.: BG073124 SDG NO.: BG073124

EPA Sample No.: SSTD020420 Date Analyzed: Jul 31 2024 12:00AM

Lab File ID: BG062216.D Time Analyzed: 16:20

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	37101	7.984	176119	10.77	137084	14.60
	UPPER LIMIT	74202	8.484	352238	11.274	274168	15.099
	LOWER LIMIT	18550.5	7.484	88059.5	10.274	68542	14.099
	EPA SAMPLE NO.						
01	SICV424	39903	7.98	186305	10.77	140495	14.60
02	SBLK406	39460	7.98	178626	10.78	143566	14.60
03	SBLK406	36747	7.98	177550	10.77	137378	14.60
04	E08K6	34305	7.98	159565	10.78	120096	14.60
05	E08K8	38869	7.98	179014	10.78	134743	14.60
06	E08L2	40696	7.98	182415	10.78	139807	14.60
07	E08L5	38270	7.98	174532	10.78	131653	14.60
08	E08K3	42149	7.98	193122	10.78	147967	14.60
09	SLCS406	44354	7.98	206074	10.78	158518	14.60

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.: BG073124 SAS No.: BG073124 SDG NO.: BG073124

EPA Sample No.: SSTD020587 Date Analyzed: Jul 31 2024 12:00AM

Lab File ID: BG062222.D Time Analyzed: 18:23

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	36725	7.982	175585	10.78	134801	14.60
	UPPER LIMIT	73450	8.482	351170	11.278	269602	15.097
	LOWER LIMIT	18362.5	7.482	87792.5	10.278	67400.5	14.097
	EPA SAMPLE NO.						
01	SBLK406	36747	7.98	177550	10.77	137378	14.60
02	E08K6	34305	7.98	159565	10.78	120096	14.60
03	E08K8	38869	7.98	179014	10.78	134743	14.60
04	E08L2	40696	7.98	182415	10.78	139807	14.60
05	E08L5	38270	7.98	174532	10.78	131653	14.60
06	E08K3	42149	7.98	193122	10.78	147967	14.60
07	SLCS406	44354	7.98	206074	10.78	158518	14.60

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.: BG073124 SAS No.: BG073124 SDG NO.: BG073124

EPA Sample No.: SSTD020420 Date Analyzed: Jul 31 2024 12:00AM

Lab File ID: BG062216.D Time Analyzed: 16:20

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	323818	17.342	322775	21.589	352639	24.703
	UPPER LIMIT	647636	17.842	645550	22.089	705278	25.203
	LOWER LIMIT	161909	16.842	161387.5	21.089	176319.5	24.203
	EPA SAMPLE NO.						
01	SICV424	338266	17.34	345021	21.59	385158	24.70
02	SBLK406	355533	17.34	359929	21.59	404724	24.70
03	SBLK406	344943	17.34	358925	21.59	398958	24.70
04	E08K6	302213	17.34	333813	21.58	374564	24.70
05	E08K8	321241	17.34	359337	21.59	391740	24.70
06	E08L2	334683	17.34	355970	21.59	395035	24.70
07	E08L5	322985	17.34	347364	21.58	381343	24.70
08	E08K3	364198	17.34	378423	21.58	420435	24.70
09	SLCS406	369152	17.34	369229	21.59	404452	24.70

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.: BG073124 SAS No.: BG073124 SDG NO.: BG073124

EPA Sample No.: SSTD020587 Date Analyzed: Jul 31 2024 12:00AM

Lab File ID: BG062222.D Time Analyzed: 18:23

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	309816	17.34	317183	21.587	344279	24.701
	UPPER LIMIT	619632	17.84	634366	22.087	688558	25.201
	LOWER LIMIT	154908	16.84	158591.5	21.087	172139.5	24.201
	EPA SAMPLE NO.						
01	SBLK406	344943	17.34	358925	21.59	398958	24.70
02	E08K6	302213	17.34	333813	21.58	374564	24.70
03	E08K8	321241	17.34	359337	21.59	391740	24.70
04	E08L2	334683	17.34	355970	21.59	395035	24.70
05	E08L5	322985	17.34	347364	21.58	381343	24.70
06	E08K3	364198	17.34	378423	21.58	420435	24.70
07	SLCS406	369152	17.34	369229	21.59	404452	24.70

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.: BG073124

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.: BG073124

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.: BG073124

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB162406BS	1,4-Dioxane	16	8.6	ug/L	54				0	0	
	Benzaldehyde	40	26	ug/L	65				0	0	
	Pyridine	40	24	ug/L	60				0	0	
	Phenol	40	27	ug/L	68				0	0	
	Bis(2-chloroethyl)ether	40	25	ug/L	63				0	0	
	2-Chlorophenol	40	29	ug/L	73				0	0	
	2-Methylphenol	40	27	ug/L	68				0	0	
	2,2-oxybis(1-Chloropropane)	40	26	ug/L	65				0	0	
	Acetophenone	40	26	ug/L	65				0	0	
	4-Methylphenol	40	27	ug/L	68				0	0	
	N-Nitroso-di-n-propylamine	40	26	ug/L	65				0	0	
	Hexachloroethane	40	29	ug/L	73				0	0	
	Nitrobenzene	40	40	ug/L	100				0	0	
	Isophorone	40	26	ug/L	65				0	0	
	2-Nitrophenol	40	46	ug/L	115				0	0	
	2,4-Dimethylphenol	40	24	ug/L	60				0	0	
	Bis(2-chloroethoxy)methane	40	27	ug/L	68				0	0	
	2,4-Dichlorophenol	40	32	ug/L	80				0	0	
	Naphthalene	40	27	ug/L	68				0	0	
	4-Chloroaniline	40	23	ug/L	58				0	0	
	Hexachlorobutadiene	40	28	ug/L	70				0	0	
	Caprolactam	40	30	ug/L	75				0	0	
	4-Chloro-3-methylphenol	40	29	ug/L	73				0	0	
	1-Methylnaphthalene	40	26	ug/L	65				0	0	
	2-Methylnaphthalene	40	26	ug/L	65				0	0	
	Hexachlorocyclopentadiene	40	27	ug/L	68				0	0	
	2,4,6-Trichlorophenol	40	30	ug/L	75				0	0	
	2,4,5-Trichlorophenol	40	30	ug/L	75				0	0	
	1,1'-Biphenyl	40	26	ug/L	65				0	0	
	2-Chloronaphthalene	40	27	ug/L	68				0	0	
	2-Nitroaniline	40	43	ug/L	108				0	0	
	Dimethylphthalate	40	27	ug/L	68				0	0	
	2,6-Dinitrotoluene	40	43	ug/L	108				0	0	
	Acenaphthylene	40	27	ug/L	68				0	0	
	3-Nitroaniline	40	37	ug/L	93				0	0	
	Acenaphthene	40	27	ug/L	68				0	0	
	2,4-Dinitrophenol	40	36	ug/L	90				0	0	
	4-Nitrophenol	40	35	ug/L	88				0	0	
	Dibenzofuran	40	27	ug/L	68				0	0	
	2,4-Dinitrotoluene	40	47	ug/L	117				0	0	
	Diethylphthalate	40	27	ug/L	68				0	0	
	Fluorene	40	27	ug/L	68				0	0	
	4-Chlorophenyl-phenylether	40	27	ug/L	68				0	0	
	4-Nitroaniline	40	39	ug/L	98				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG073124

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB162406BS	4,6-Dinitro-2-methylphenol	40	41	ug/L	103				0	0	
	N-Nitrosodiphenylamine	40	28	ug/L	70				0	0	
	1,2,4,5-Tetrachlorobenzene	40	28	ug/L	70				0	0	
	4-Bromophenyl-phenylether	40	28	ug/L	70				0	0	
	Hexachlorobenzene	40	28	ug/L	70				0	0	
	Atrazine	40	4	ug/L	10				0	0	
	Pentachlorophenol	40	21	ug/L	52				0	0	
	Phenanthrene	40	28	ug/L	70				0	0	
	Pentachlorobenzene	40	28	ug/L	70				0	0	
	Anthracene	40	27	ug/L	68				0	0	
	1,2,3,4-Tetrachlorobenzene	40	29	ug/L	73				0	0	
	Carbazole	40	29	ug/L	73				0	0	
	Di-n-butylphthalate	40	29	ug/L	73				0	0	
	Fluoranthene	40	28	ug/L	70				0	0	
	Pyrene	40	29	ug/L	73				0	0	
	Butylbenzylphthalate	40	31	ug/L	78				0	0	
	3,3'-Dichlorobenzidine	40	30	ug/L	75				0	0	
	Benzo(a)anthracene	40	28	ug/L	70				0	0	
	Chrysene	40	28	ug/L	70				0	0	
	Bis(2-ethylhexyl)phthalate	40	30	ug/L	75				0	0	
	Di-n-octylphthalate	40	30	ug/L	75				0	0	
	Benzo(b)fluoranthene	40	28	ug/L	70				0	0	
	Benzo(k)fluoranthene	40	29	ug/L	73				0	0	
	Benzo(a)pyrene	40	27	ug/L	68				0	0	
	Indeno(1,2,3-cd)pyrene	40	29	ug/L	73				0	0	
	Dibenzo(a,h)anthracene	40	28	ug/L	70				0	0	
	Benzo(g,h,i)perylene	40	28	ug/L	70				0	0	
	2,3,4,6-Tetrachlorophenol	40	28	ug/L	70				0	0	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK406

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG073124 SAS No.: BG073124 SDG NO.: BG073124

Lab File ID: BG062221.D Lab Sample ID: PB162406BL

Instrument ID: BNA_G Date Extracted: 07/31/2024

Matrix: (soil/water) Water Date Analyzed: 07/31/2024

Level: (low/med) LOW Time Analyzed: 17:01

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E08K6	P3398-04	BG062224.D	07/31/2024
E08K8	P3398-06	BG062225.D	07/31/2024
E08L2	P3398-08	BG062226.D	07/31/2024
E08L5	P3398-10	BG062227.D	07/31/2024
E08K3	P3398-01	BG062228.D	07/31/2024
PB162406BS	PB162406BS	BG062229.D	07/31/2024

COMMENTS:

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: BG073124

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3398-01	E08K3	BG062228.D	1,4-Dioxane-d8	8	4.49	56		15	120
			Pyridine-d5	40	7.64	19	*	20	120
			Phenol-d5	40	7.04	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.48	66		25	120
			2-Chlorophenol-d4	40	25.43	64		20	130
			4-Methylphenol-d8	40	16.13	40		25	125
			Nitrobenzene-d5	40	39.18	98		20	125
			2-Nitrophenol-d4	40	40.71	102		20	130
			2,4-Dichlorophenol-d3	40	27.55	69		20	120
			4-Chloroaniline-d4	40	23.38	58		1	146
			Dimethylphthalate-d6	40	28.68	72		25	130
			Acenaphthylene-d8	40	27.44	69		10	130
			4-Nitrophenol-d4	40	7.31	18		10	150
			Fluorene-d10	40	28.62	72		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.49	69		10	130
			Anthracene-d10	40	29.72	74		25	130
			Pyrene-d10	40	30.41	76		15	130
			Benzo(a)pyrene-d12	40	31.77	79		20	130
P3398-04	E08K6	BG062224.D	1,4-Dioxane-d8	8	3.66	46		15	120
			Pyridine-d5	40	2.00	5	*	20	120
			Phenol-d5	40	6.48	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.65	72		25	120
			2-Chlorophenol-d4	40	26.43	66		20	130
			4-Methylphenol-d8	40	16.58	41		25	125
			Nitrobenzene-d5	40	41.57	104		20	125
			2-Nitrophenol-d4	40	42.62	107		20	130
			2,4-Dichlorophenol-d3	40	29.93	75		20	120
			4-Chloroaniline-d4	40	13.31	33		1	146
			Dimethylphthalate-d6	40	33.42	84		25	130
			Acenaphthylene-d8	40	31.02	78		10	130
			4-Nitrophenol-d4	40	7.03	18		10	150
			Fluorene-d10	40	32.09	80		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.92	70		10	130
			Anthracene-d10	40	33.59	84		25	130
			Pyrene-d10	40	33.65	84		15	130
			Benzo(a)pyrene-d12	40	36.17	90		20	130
P3398-06	E08K8	BG062225.D	1,4-Dioxane-d8	8	3.59	45		15	120
			Pyridine-d5	40	5.05	13	*	20	120
			Phenol-d5	40	5.67	14		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.73	67		25	120
			2-Chlorophenol-d4	40	23.76	59		20	130
			4-Methylphenol-d8	40	14.23	36		25	125
			Nitrobenzene-d5	40	38.38	96		20	125
			2-Nitrophenol-d4	40	39.69	99		20	130
			2,4-Dichlorophenol-d3	40	27.71	69		20	120
			4-Chloroaniline-d4	40	20.45	51		1	146
			Dimethylphthalate-d6	40	28.41	71		25	130
			Acenaphthylene-d8	40	27.18	68		10	130
			4-Nitrophenol-d4	40	5.86	15		10	150

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Surrogate Summary

SW-846

SDG No.: BG073124

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3398-06	E08K8	BG062225.D	Fluorene-d10	40	27.68	69		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.59	66		10	130
			Anthracene-d10	40	29.02	73		25	130
			Pyrene-d10	40	28.84	72		15	130
			Benzo(a)pyrene-d12	40	30.87	77		20	130
P3398-08	E08L2	BG062226.D	1,4-Dioxane-d8	8	3.71	46		15	120
			Pyridine-d5	40	1.92	5	*	20	120
			Phenol-d5	40	5.63	14		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.75	64		25	120
			2-Chlorophenol-d4	40	22.91	57		20	130
			4-Methylphenol-d8	40	14.05	35		25	125
			Nitrobenzene-d5	40	38.53	96		20	125
			2-Nitrophenol-d4	40	39.07	98		20	130
			2,4-Dichlorophenol-d3	40	26.95	67		20	120
			4-Chloroaniline-d4	40	11.43	29		1	146
			Dimethylphthalate-d6	40	27.47	69		25	130
			Acenaphthylene-d8	40	26.35	66		10	130
			4-Nitrophenol-d4	40	5.61	14		10	150
			Fluorene-d10	40	27.08	68		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.46	64		10	130
			Anthracene-d10	40	27.93	70		25	130
			Pyrene-d10	40	28.72	72		15	130
			Benzo(a)pyrene-d12	40	29.64	74		20	130
P3398-10	E08L5	BG062227.D	1,4-Dioxane-d8	8	3.98	50		15	120
			Pyridine-d5	40	3.29	8	*	20	120
			Phenol-d5	40	5.80	14		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.88	67		25	120
			2-Chlorophenol-d4	40	24.52	61		20	130
			4-Methylphenol-d8	40	14.28	36		25	125
			Nitrobenzene-d5	40	40.07	100		20	125
			2-Nitrophenol-d4	40	40.17	100		20	130
			2,4-Dichlorophenol-d3	40	27.53	69		20	120
			4-Chloroaniline-d4	40	15.60	39		1	146
			Dimethylphthalate-d6	40	28.05	70		25	130
			Acenaphthylene-d8	40	27.57	69		10	130
			4-Nitrophenol-d4	40	5.51	14		10	150
			Fluorene-d10	40	27.71	69		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.50	61		10	130
			Anthracene-d10	40	28.83	72		25	130
			Pyrene-d10	40	29.94	75		15	130
			Benzo(a)pyrene-d12	40	30.91	77		20	130
PB162406BL	PB162406BL	BG062223.D	Pyridine-d5	40	28.29	71		20	120
		BG062221.D	1,4-Dioxane-d8	8	5.25	66		15	120
			Pyridine-d5	40	25.52	64		20	120
		BG062223.D	1,4-Dioxane-d8	8	5.97	75		15	120
		BG062221.D	Phenol-d5	40	24.00	60		10	130
		BG062223.D	Phenol-d5	40	26.19	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.94	67		25	120
		BG062221.D	Bis(2-Chloroethyl)ether-d8	40	24.82	62		25	120

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Surrogate Summary

SW-846

SDG No.: BG073124

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB162406BL	PB162406BL	BG062221.D	2-Chlorophenol-d4	40	25.02	63		20	130
		BG062223.D	2-Chlorophenol-d4	40	28.29	71		20	130
			4-Methylphenol-d8	40	25.93	65		25	125
		BG062221.D	4-Methylphenol-d8	40	23.90	60		25	125
			Nitrobenzene-d5	40	36.33	91		20	125
		BG062223.D	Nitrobenzene-d5	40	37.83	95		20	125
			2-Nitrophenol-d4	40	38.44	96		20	130
		BG062221.D	2-Nitrophenol-d4	40	37.87	95		20	130
			2,4-Dichlorophenol-d3	40	26.65	67		20	120
		BG062223.D	2,4-Dichlorophenol-d3	40	27.28	68		20	120
		BG062221.D	4-Chloroaniline-d4	40	26.30	66		1	146
		BG062223.D	4-Chloroaniline-d4	40	26.88	67		1	146
			Dimethylphthalate-d6	40	29.56	74		25	130
		BG062221.D	Dimethylphthalate-d6	40	28.38	71		25	130
			Acenaphthylene-d8	40	26.09	65		10	130
		BG062223.D	Acenaphthylene-d8	40	27.33	68		10	130
			4-Nitrophenol-d4	40	28.31	71		10	150
		BG062221.D	4-Nitrophenol-d4	40	26.33	66		10	150
			Fluorene-d10	40	26.87	67		25	125
		BG062223.D	Fluorene-d10	40	28.34	71		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.54	54		10	130
		BG062221.D	4,6-Dinitro-2-methylphenol-d2	40	20.89	52		10	130
			Anthracene-d10	40	26.86	67		25	130
		BG062223.D	Anthracene-d10	40	28.20	70		25	130
			Pyrene-d10	40	29.23	73		15	130
		BG062221.D	Pyrene-d10	40	27.94	70		15	130
			Benzo(a)pyrene-d12	40	27.58	69		20	130
		BG062223.D	Benzo(a)pyrene-d12	40	28.93	72		20	130
PB162406BS	PB162406BS	BG062229.D	1,4-Dioxane-d8	8	5.76	72		15	120
			Pyridine-d5	40	23.88	60		20	120
			Phenol-d5	40	26.96	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.31	63		25	120
			2-Chlorophenol-d4	40	28.28	71		20	130
			4-Methylphenol-d8	40	26.46	66		25	125
			Nitrobenzene-d5	40	40.09	100		20	125
			2-Nitrophenol-d4	40	43.30	108		20	130
			2,4-Dichlorophenol-d3	40	31.13	78		20	120
			4-Chloroaniline-d4	40	24.67	62		1	146
			Dimethylphthalate-d6	40	27.30	68		25	130
			Acenaphthylene-d8	40	26.89	67		10	130
			4-Nitrophenol-d4	40	37.14	93		10	150
			Fluorene-d10	40	27.31	68		25	125
			4,6-Dinitro-2-methylphenol-d2	40	40.74	102		10	130
			Anthracene-d10	40	27.64	69		25	130
			Pyrene-d10	40	28.71	72		15	130
			Benzo(a)pyrene-d12	40	28.56	71		20	130

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BG073124

Lab Code: CHEM SAS No.: BG073124 SDG NO.: BG073124

Lab File ID: BG062213.D DFTPP Injection Date: 07/31/2024

Instrument ID: BNA_G DFTPP Injection Time: 08:27

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.1
68	Less than 2.0% of mass 69	0.3 (0.9) 1
69	Mass 69 relative abundance	32.3
70	Less than 2.0% of mass 69	0.3 (0.8) 1
127	10.0 - 80.0% of mass 198	39.9
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	26.4
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	10
442	Greater than 50% of mass 198	58.3
443	15.0 - 24.0% of mass 442	11 (18.8) 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
SSTD005418	SSTD00534	BG062214.D	07/31/2024	09:48
SSTD010419	SSTD01035	BG062215.D	07/31/2024	11:50
SSTD020420	SSTD02036	BG062216.D	07/31/2024	12:31
SSTD040421	SSTD04037	BG062217.D	07/31/2024	13:11
SSTD080422	SSTD08038	BG062218.D	07/31/2024	13:52
SSTD160423	SSTD16039	BG062219.D	07/31/2024	14:33
SICV424	SSTDICV020	BG062220.D	07/31/2024	16:20
SBLK406	PB162406BL	BG062221.D	07/31/2024	17:01
SSTD020587	SSTDCCC020	BG062222.D	07/31/2024	17:42
SBLK406	PB162406BL	BG062223.D	07/31/2024	18:23
E08K6	P3398-04	BG062224.D	07/31/2024	19:04
E08K8	P3398-06	BG062225.D	07/31/2024	19:45
E08L2	P3398-08	BG062226.D	07/31/2024	20:26
E08L5	P3398-10	BG062227.D	07/31/2024	21:07
E08K3	P3398-01	BG062228.D	07/31/2024	21:48
SLCS406	PB162406BS	BG062229.D	07/31/2024	22:29
SSTD020588	SSTDCCC020EC	BG062230.D	07/31/2024	23:10