

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG081424 SAS No.: BG081424 SDG No.: BG081424

Instrument ID: BNA_G Calibration Date/Time: 8/14/2024 1: 22:26

Lab File ID: BG062405.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020455 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.562	0.545	0.010	-3.0369	50.0
Benzaldehyde	1.031	1.306	0.010	26.6328	50.0
Pyridine	1.689	1.668	0.010	-1.2458	50.0
Phenol	2.088	2.093	0.080	0.2325	50.0
Bis(2-Chloroethyl)ether	1.545	1.569	0.100	1.5502	50.0
2-Chlorophenol	1.406	1.488	0.200	5.8717	50.0
2-Methylphenol	1.571	1.585	0.010	0.9095	50.0
2,2-oxybis(1-Chloropropane)	3.189	3.239	0.010	1.574	50.0
Acetophenone	2.732	2.897	0.060	6.0338	50.0
4-Methylphenol	1.799	1.845	0.010	2.5168	50.0
N-Nitroso-di-n-propylamine	1.442	1.562	0.050	8.3656	50.0
Hexachloroethane	0.559	0.580	0.100	3.7349	50.0
Nitrobenzene	0.362	0.408	0.050	12.55	50.0
Isophorone	0.856	0.892	0.050	4.2609	50.0
2-Nitrophenol	0.143	0.184	0.050	29.0315	50.0
2,4-Dimethylphenol	0.389	0.412	0.050	5.8951	50.0
Bis(2-Chloroethoxy)methane	0.476	0.495	0.050	4.0905	50.0
2,4-Dichlorophenol	0.334	0.354	0.060	6.0409	50.0
Naphthalene	1.160	1.176	0.200	1.4058	50.0
4-Chloroaniline	0.501	0.509	0.010	1.555	50.0
Hexachlorobutadiene	0.254	0.255	0.040	0.6721	50.0
Caprolactam	0.135	0.146	0.010	8.4623	50.0
4-Chloro-3-methylphenol	0.390	0.435	0.040	11.3273	50.0
1-Methylnaphthalene	0.836	0.862	0.100	3.1257	50.0
2-Methylnaphthalene	0.819	0.863	0.100	5.3222	50.0
Hexachlorocyclopentadiene	0.342	0.349	0.010	2.0628	50.0
2,4,6-Trichlorophenol	0.384	0.426	0.090	10.8495	50.0
2,4,5-Trichlorophenol	0.403	0.460	0.100	14.1205	50.0
1,1-Biphenyl	1.515	1.504	0.200	-0.7204	50.0
2-Chloronaphthalene	1.172	1.168	0.300	-0.3589	50.0
2-Nitroaniline	0.304	0.377	0.050	24.2057	50.0
Dimethylphthalate	1.577	1.625	0.300	3.0046	50.0
2,6-Dinitrotoluene	0.225	0.290	0.080	28.5244	50.0
Acenaphthylene	1.844	1.867	0.400	1.2467	50.0
3-Nitroaniline	0.257	0.305	0.010	18.7494	50.0
Acenaphthene	1.380	1.386	0.200	0.4009	50.0
2,4-Dinitrophenol	0.142	0.159	0.010	11.5569	50.0
4-Nitrophenol	0.213	0.238	0.010	11.6435	50.0
Dibenzofuran	1.942	1.985	0.300	2.2361	50.0

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Instrument ID: BNA_G Calibration Date/Time: 8/14/2024 1: 22:26

Lab File ID: BG062405.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020455 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.343	0.450	0.070	31.1555	50.0
Diethylphthalate	1.574	1.644	0.300	4.4617	50.0
Fluorene	1.530	1.579	0.200	3.1528	50.0
4-Chlorophenyl-phenylether	0.786	0.814	0.100	3.5547	50.0
4-Nitroaniline	0.268	0.332	0.010	23.7189	50.0
4,6-Dinitro-2-methylphenol	0.102	0.115	0.010	12.1313	50.0
N-Nitrosodiphenylamine	0.580	0.581	0.050	0.2233	50.0
1,2,4,5-Tetrachlorobenzene	0.668	0.655	0.100	-1.8537	50.0
4-Bromophenyl-phenylether	0.224	0.231	0.070	3.0216	50.0
Hexachlorobenzene	0.262	0.258	0.050	-1.5047	50.0
Atrazine	0.242	0.247	0.010	2.0701	50.0
Pentachlorophenol	0.153	0.156	0.010	2.1647	50.0
Phenanthrene	1.124	1.110	0.200	-1.1884	50.0
Pentachlorobenzene	0.300	0.293	0.050	-2.2525	50.0
Anthracene	1.151	1.150	0.200	-0.0645	50.0
1,2,3,4-Tetrachlorobenzene	0.286	0.272	0.050	-4.9906	50.0
Carbazole	0.967	0.992	0.050	2.5324	50.0
Di-n-butylphthalate	1.157	1.190	0.500	2.8597	50.0
Fluoranthene	1.309	1.366	0.400	4.4154	50.0
Pyrene	1.410	1.479	0.400	4.8696	50.0
Butylbenzylphthalate	0.475	0.520	0.100	9.378	50.0
3,3-Dichlorobenzidine	0.437	0.483	0.010	10.7476	50.0
Benzo (a) anthracene	1.452	1.492	0.300	2.7587	50.0
Chrysene	1.376	1.383	0.200	0.507	50.0
Bis(2-ethylhexyl)phthalate	0.694	0.772	0.200	11.1792	50.0
Di-n-octyl phthalate	1.067	1.115	0.010	4.5745	50.0
Benzo (b) fluoranthene	1.208	1.228	0.200	1.654	50.0
Benzo (k) fluoranthene	1.220	1.229	0.200	0.7445	50.0
Benzo (a) pyrene	1.139	1.147	0.200	0.7205	50.0
Indeno (1,2,3-cd) pyrene	1.448	1.461	0.200	0.8844	50.0
Dibenzo (a,h) anthracene	1.173	1.196	0.200	1.9395	50.0
Benzo (g,h,i) perylene	1.113	1.121	0.200	0.6922	50.0
2,3,4,6-Tetrachlorophenol	0.388	0.443	0.040	14.1678	50.0
1,4-Dioxane-d8	0.527	0.508	0.010	-3.5498	50.0
Pyridine-d5	1.605	1.608	0.010	0.1664	50.0
Phenol-d5	1.990	1.966	0.010	-1.1743	50.0
Bis- (2-Chloroethyl) ether-d8	1.253	1.261	0.050	0.6323	50.0
2-Chlorophenol-d4	1.359	1.433	0.200	5.4096	50.0
4-Methylphenol-d8	1.668	1.727	0.010	3.5415	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG081424 SAS No.: BG081424 SDG No.: BG081424

Instrument ID: BNA_G Calibration Date/Time: 8/14/2024 1:22:26

Lab File ID: BG062405.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020455 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.128	0.149	0.050	16.1185	50.0
2-Nitrophenol-d4	0.128	0.164	0.050	28.8569	50.0
2,4-Dichlorophenol-d3	0.325	0.352	0.060	8.1898	50.0
4-Chloroaniline-d4	0.515	0.526	0.010	2.0574	50.0
Dimethylphthalate-d6	1.556	1.617	0.300	3.9435	50.0
Acenaphthylene-d8	1.723	1.738	0.400	0.8999	50.0
4-Nitrophenol-d4	0.248	0.284	0.010	14.5449	50.0
Fluorene-d10	1.403	1.461	0.100	4.102	50.0
4,6-Dinitro-2-methylphenol-d2	0.091	0.102	0.010	12.5962	50.0
Anthracene-d10	0.961	0.974	0.300	1.4036	50.0
Pyrene-d10	1.171	1.214	0.300	3.6157	50.0
Benzo(a)pyrene-d12	1.061	1.068	0.010	0.6169	50.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG081424 SAS No.: BG081424 SDG No.: BG081424

Instrument ID: BNA_G Calibration Date/Time: 8/14/2024 1:15:36

Lab File ID: BG062396.D Init. Calib. Date(s): _____

EPA Sample No.: SICV437 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
1,4-Dioxane	0.562	0.528	0.010	-6.0636	40.0
Benzaldehyde	1.031	1.135	0.010	9.9998	40.0
Pyridine	1.689	1.379	0.010	-18.3507	40.0
Phenol	2.088	1.920	0.080	-8.0407	20.0
Bis(2-Chloroethyl)ether	1.545	1.446	0.100	-6.4119	20.0
2-Chlorophenol	1.406	1.399	0.200	-0.4771	20.0
2-Methylphenol	1.571	1.433	0.010	-8.7575	20.0
2,2-oxybis(1-Chloropropane)	3.189	2.904	0.010	-8.9357	40.0
Acetophenone	2.732	2.613	0.060	-4.3639	20.0
4-Methylphenol	1.799	1.635	0.010	-9.1269	20.0
N-Nitroso-di-n-propylamine	1.442	1.364	0.050	-5.3809	30.0
Hexachloroethane	0.559	0.536	0.100	-4.1872	20.0
Nitrobenzene	0.362	0.361	0.050	-0.2957	25.0
Isophorone	0.856	0.798	0.050	-6.7822	25.0
2-Nitrophenol	0.143	0.160	0.050	12.0758	25.0
2,4-Dimethylphenol	0.389	0.332	0.050	-14.6914	25.0
Bis(2-Chloroethoxy)methane	0.476	0.454	0.050	-4.685	20.0
2,4-Dichlorophenol	0.334	0.324	0.060	-2.9316	20.0
Naphthalene	1.160	1.047	0.200	-9.7653	20.0
4-Chloroaniline	0.501	0.458	0.010	-8.6039	40.0
Hexachlorobutadiene	0.254	0.231	0.040	-8.9939	30.0
Caprolactam	0.135	0.129	0.010	-3.8943	40.0
4-Chloro-3-methylphenol	0.390	0.383	0.040	-1.8047	25.0
1-Methylnaphthalene	0.836	0.750	0.100	-10.2281	20.0
2-Methylnaphthalene	0.819	0.788	0.100	-3.8197	20.0
Hexachlorocyclopentadiene	0.342	0.294	0.010	-14.2436	40.0
2,4,6-Trichlorophenol	0.384	0.376	0.090	-2.1028	25.0
2,4,5-Trichlorophenol	0.403	0.394	0.100	-2.3987	25.0
1,1-Biphenyl	1.515	1.399	0.200	-7.6816	20.0
2-Chloronaphthalene	1.172	1.042	0.300	-11.0911	20.0
2-Nitroaniline	0.304	0.327	0.050	7.5972	40.0
Dimethylphthalate	1.577	1.463	0.300	-7.2655	20.0
2,6-Dinitrotoluene	0.225	0.266	0.080	17.9501	30.0
Acenaphthylene	1.844	1.712	0.400	-7.1656	20.0
3-Nitroaniline	0.257	0.286	0.010	11.5007	40.0
Acenaphthene	1.380	1.248	0.200	-9.5596	20.0
2,4-Dinitrophenol	0.142	0.130	0.010	-8.4407	40.0
4-Nitrophenol	0.213	0.204	0.010	-4.1774	40.0
Dibenzofuran	1.942	1.815	0.300	-6.543	20.0

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG081424 SAS No.: BG081424 SDG No.: BG081424

Instrument ID: BNA_G Calibration Date/Time: 8/14/2024 1:15:36

Lab File ID: BG062396.D Init. Calib. Date(s): _____

EPA Sample No.: SICV437 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.343	0.380	0.070	10.7418	30.0
Diethylphthalate	1.574	1.479	0.300	-6.0637	20.0
Fluorene	1.530	1.411	0.200	-7.8191	20.0
4-Chlorophenyl-phenylether	0.786	0.725	0.100	-7.8297	20.0
4-Nitroaniline	0.268	0.305	0.010	13.6554	40.0
4,6-Dinitro-2-methylphenol	0.102	0.095	0.010	-6.7751	40.0
N-Nitrosodiphenylamine	0.580	0.520	0.050	-10.2771	20.0
1,2,4,5-Tetrachlorobenzene	0.668	0.608	0.100	-9.0351	20.0
4-Bromophenyl-phenylether	0.224	0.200	0.070	-10.8288	20.0
Hexachlorobenzene	0.262	0.233	0.050	-11.0294	25.0
Atrazine	0.242	0.217	0.010	-10.1671	25.0
Pentachlorophenol	0.153	0.140	0.010	-7.9375	40.0
Phenanthrene	1.124	0.999	0.200	-11.1409	20.0
Pentachlorobenzene	0.300	0.250	0.050	-16.7435	20.0
Anthracene	1.151	1.031	0.200	-10.4529	20.0
1,2,3,4-Tetrachlorobenzene	0.286	0.244	0.050	-14.4956	20.0
Carbazole	0.967	0.894	0.050	-7.5048	40.0
Di-n-butylphthalate	1.157	1.071	0.500	-7.3894	25.0
Fluoranthene	1.309	1.239	0.400	-5.3034	25.0
Pyrene	1.410	1.312	0.400	-6.9702	25.0
Butylbenzylphthalate	0.475	0.464	0.100	-2.2956	40.0
3,3-Dichlorobenzidine	0.437	0.463	0.010	6.145	40.0
Benzo (a) anthracene	1.452	1.305	0.300	-10.1109	30.0
Chrysene	1.376	1.235	0.200	-10.2528	30.0
Bis(2-ethylhexyl)phthalate	0.694	0.674	0.200	-2.8861	40.0
Di-n-octyl phthalate	1.067	1.049	0.010	-1.6202	40.0
Benzo (b) fluoranthene	1.208	1.104	0.200	-8.6365	25.0
Benzo (k) fluoranthene	1.220	1.115	0.200	-8.6046	25.0
Benzo (a) pyrene	1.139	1.055	0.200	-7.3532	20.0
Indeno (1,2,3-cd) pyrene	1.448	1.321	0.200	-8.7449	25.0
Dibenzo (a,h) anthracene	1.173	1.085	0.200	-7.5475	30.0
Benzo (g,h,i) perylene	1.113	0.987	0.200	-11.3693	30.0
2,3,4,6-Tetrachlorophenol	0.388	0.425	0.040	9.7033	20.0
1,4-Dioxane-d8	0.527	0.446	0.010	-15.3403	25.0
Pyridine-d5	1.605	1.511	0.010	-5.8542	40.0
Phenol-d5	1.990	1.876	0.010	-5.7278	25.0
Bis- (2-Chloroethyl) ether-d8	1.253	1.278	0.050	1.9789	25.0
2-Chlorophenol-d4	1.359	1.390	0.200	2.2883	20.0
4-Methylphenol-d8	1.668	1.497	0.010	-10.2489	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG081424 SAS No.: BG081424 SDG No.: BG081424

Instrument ID: BNA_G Calibration Date/Time: 8/14/2024 1:15:36

Lab File ID: BG062396.D Init. Calib. Date(s): _____

EPA Sample No.: SICV437 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.128	0.138	0.050	7.5369	20.0
2-Nitrophenol-d4	0.128	0.144	0.050	12.6506	30.0
2,4-Dichlorophenol-d3	0.325	0.338	0.060	3.9539	20.0
4-Chloroaniline-d4	0.515	0.466	0.010	-9.4973	40.0
Dimethylphthalate-d6	1.556	1.486	0.300	-4.4663	20.0
Acenaphthylene-d8	1.723	1.628	0.400	-5.4927	20.0
4-Nitrophenol-d4	0.248	0.254	0.010	2.4891	40.0
Fluorene-d10	1.403	1.318	0.100	-6.0761	20.0
4,6-Dinitro-2-methylphenol-d2	0.091	0.086	0.010	-5.3005	40.0
Anthracene-d10	0.961	0.890	0.300	-7.374	20.0
Pyrene-d10	1.171	1.123	0.300	-4.0917	25.0
Benzo(a)pyrene-d12	1.061	0.994	0.010	-6.3452	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	SBLK734	SDG No.:	BG081424
Lab Sample ID:	PB162734BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062397.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

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

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	SBLK734	SDG No.:	BG081424
Lab Sample ID:	PB162734BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062397.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

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

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	SBLK734	SDG No.:	BG081424
Lab Sample ID:	PB162734BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062397.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

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	7.362		15-120		92	SPK: -8
7291-22-7	Pyridine-d5	22.792		20-120		57	SPK: -40
4165-62-2	Phenol-d5	23.009		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.46		25-120		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.739		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	22.709		25-125		57	SPK: -40
4165-60-0	Nitrobenzene-d5	29.528		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.113		20-130		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.358		20-120		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.33		1-146		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.077		25-130		68	SPK: -40
93951-97-4	Acenaphthylene-d8	24.411		10-130		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.869		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	25.62		25-125		64	SPK: -40

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	SBLK734	SDG No.:	BG081424
Lab Sample ID:	PB162734BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062397.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.232		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	25.828		25-130		65	SPK: -40
1718-52-1	Pyrene-d10	25.884		15-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.348		20-130		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	51760	7.958				
1146-65-2	Naphthalene-d8	238075	10.748				
15067-26-2	Acenaphthene-d10	202525	14.579				
1517-22-2	Phenanthrene-d10	497222	17.316				
1719-03-5	Chrysene-d12	536658	21.557				
1520-96-3	Perylene-d12	600636	24.647				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	SLCS734	SDG No.:	BG081424
Lab Sample ID:	PB162734BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062398.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.5		1.2	0.5	2	ug/L
110-86-1	Pyridine	24		2.2	10	10	ug/L
100-52-7	Benzaldehyde	21		2.3	5	10	ug/L
108-95-2	Phenol	28		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	27		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	29		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	26		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	26		1.2	5	10	ug/L
98-86-2	Acetophenone	27		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	28		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	28		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	30		0.99	2.5	5	ug/L
78-59-1	Isophorone	27		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	33		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	28		0.93	2.5	5	ug/L
91-20-3	Naphthalene	26		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	21		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	25		0.98	2.5	5	ug/L
105-60-2	Caprolactam	28		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	27		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	27		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	24		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	25		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	27		0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	SLCS734	SDG No.:	BG081424
Lab Sample ID:	PB162734BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062398.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

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	26		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	33		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	34		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	27		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	29		1.5	5	10	ug/L
83-32-9	Acenaphthene	25		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	29		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	29		1.4	5	10	ug/L
132-64-9	Dibenzofuran	26		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	34		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	27		0.87	2.5	5	ug/L
86-73-7	Fluorene	26		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	26		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	32		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	27		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	25		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	27		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	27		0.56	2.5	5	ug/L
1912-24-9	Atrazine	1.7	J	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	21		2.5	5	10	ug/L
85-01-8	Phenanthrene	27		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	25		1.2	2.5	5	ug/L
120-12-7	Anthracene	26		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	25		0.92	2.5	5	ug/L
86-74-8	Carbazole	27		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	27		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	28		0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	SLCS734	SDG No.:	BG081424
Lab Sample ID:	PB162734BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062398.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	27		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	29		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	27		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	27		0.56	2.5	5	ug/L
218-01-9	Chrysene	27		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	28		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	27		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	27		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	26		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	26		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	26		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	26		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	24		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.46		15-120		93	SPK: -8
7291-22-7	Pyridine-d5	24.454		20-120		61	SPK: -40
4165-62-2	Phenol-d5	27.58		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.092		25-120		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.934		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	27.186		25-125		68	SPK: -40
4165-60-0	Nitrobenzene-d5	31.426		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.454		20-130		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.594		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.455		1-146		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.154		25-130		68	SPK: -40
93951-97-4	Acenaphthylene-d8	26.395		10-130		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.738		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	26.527		25-125		66	SPK: -40

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	SLCS734	SDG No.:	BG081424
Lab Sample ID:	PB162734BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062398.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.128		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	26.31		25-130		66	SPK: -40
1718-52-1	Pyrene-d10	27.106		15-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.339		20-130		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	50236	7.958				
1146-65-2	Naphthalene-d8	249332	10.754				
15067-26-2	Acenaphthene-d10	205782	14.578				
1517-22-2	Phenanthrene-d10	488651	17.315				
1719-03-5	Chrysene-d12	496703	21.563				
1520-96-3	Perylene-d12	568366	24.653				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	DCXT2	SDG No.:	BG081424
Lab Sample ID:	P3555-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062399.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

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

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	DCXT2	SDG No.:	BG081424
Lab Sample ID:	P3555-01	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
BG062399.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

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

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	DCXT2	SDG No.:	BG081424
Lab Sample ID:	P3555-01	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
BG062399.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

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							
7291-22-7	Pyridine-d5	3.749	*	20-120		9	SPK: -40
17647-74-4	1,4-Dioxane-d8	4.52		15-120		56	SPK: -8
4165-62-2	Phenol-d5	7.955		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.348		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.415		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	17.879		25-125		45	SPK: -40
4165-60-0	Nitrobenzene-d5	37.876		20-125		95	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.115		20-130		98	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.984		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.428		1-146		16	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.743		25-130		82	SPK: -40
93951-97-4	Acenaphthylene-d8	30.282		10-130		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.014		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	32.42		25-125		81	SPK: -40

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	DCXT2	SDG No.:	BG081424
Lab Sample ID:	P3555-01	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
BG062399.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.625		10-130		79	SPK: -40
1719-06-8	Anthracene-d10	34.273		25-130		86	SPK: -40
1718-52-1	Pyrene-d10	34.787		15-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.118		20-130		88	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43891	7.96				
1146-65-2	Naphthalene-d8	205820	10.751				
15067-26-2	Acenaphthene-d10	174383	14.575				
1517-22-2	Phenanthrene-d10	434210	17.318				
1719-03-5	Chrysene-d12	458024	21.56				
1520-96-3	Perylene-d12	527767	24.65				
TENTATIVE IDENTIFIED COMPOUNDS							
000102-62-5	Glycerol 1,2-diacetate	9	J			11.227	
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	E0CK3	SDG No.:	BG081424
Lab Sample ID:	P3589-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062400.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

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

Report of Analysis

Client:		Date Collected:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	E0CK3	SDG No.:	BG081424
Lab Sample ID:	P3589-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062400.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

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

Report of Analysis

Client:		Date Collected:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	E0CK3	SDG No.:	BG081424
Lab Sample ID:	P3589-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062400.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

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	3.538		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	5.418	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	3.585	*	10-130		9	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.595		25-120		26	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.196		20-130		23	SPK: -40
190780-66-6	4-Methylphenol-d8	7.781	*	25-125		19	SPK: -40
4165-60-0	Nitrobenzene-d5	12.019		20-125		30	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.203		20-130		23	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.539		20-120		24	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.217		1-146		18	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.88		25-130		30	SPK: -40
93951-97-4	Acenaphthylene-d8	10.509		10-130		26	SPK: -40
93951-79-2	4-Nitrophenol-d4	2.59	*	10-150		6	SPK: -40
81103-79-9	Fluorene-d10	11.349		25-125		28	SPK: -40

Report of Analysis

Client:		Date Collected:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	E0CK3	SDG No.:	BG081424
Lab Sample ID:	P3589-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062400.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.769		10-130		12	SPK: -40
1719-06-8	Anthracene-d10	11.782		25-130		29	SPK: -40
1718-52-1	Pyrene-d10	12.347		15-130		31	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.706		20-130		29	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	48898	7.959				
1146-65-2	Naphthalene-d8	227003	10.75				
15067-26-2	Acenaphthene-d10	187035	14.574				
1517-22-2	Phenanthrene-d10	475491	17.317				
1719-03-5	Chrysene-d12	491065	21.558				
1520-96-3	Perylene-d12	565932	24.648				
TENTATIVE IDENTIFIED COMPOUNDS							
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	3.3	J			7.548	
001119-40-0	Pentanedioic acid, dimethyl ester	2.4	J			9.669	
000770-35-4	1-Phenoxypropan-2-ol	9.7	J			11.484	
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	13	J			13.417	
000057-10-3	n-Hexadecanoic acid	10	J			18.216	
056554-47-3	13-Octadecenoic acid, methyl ester	5	J			19.162	
000057-11-4	Octadecanoic acid	2.6	J			19.485	
	(DEL) Alkane: Straight-Chain20.742	2.1	J			20.742	
	(DEL) Alkane: Straight-Chain21.230	11	J			21.23	
	(DEL) Alkane: Straight-Chain22.363	2.1	J			22.363	
007683-64-9	Supraene	3.5	J			23.215	
E966796	Total Alkanes	15				99	ug/L

Report of Analysis

Client:		Date Collected:	8/11/2024 12:00:00 AM
Project:		Date Received:	8/11/2024 12:00:00 AM
Client Sample ID:	E0CK5	SDG No.:	BG081424
Lab Sample ID:	P3589-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062401.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

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

Report of Analysis

Client:		Date Collected:	8/11/2024 12:00:00 AM
Project:		Date Received:	8/11/2024 12:00:00 AM
Client Sample ID:	E0CK5	SDG No.:	BG081424
Lab Sample ID:	P3589-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062401.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

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

Report of Analysis

Client:		Date Collected:	8/11/2024 12:00:00 AM
Project:		Date Received:	8/11/2024 12:00:00 AM
Client Sample ID:	E0CK5	SDG No.:	BG081424
Lab Sample ID:	P3589-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062401.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

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							
7291-22-7	Pyridine-d5	0.885	*	20-120		2	SPK: -40
17647-74-4	1,4-Dioxane-d8	3.839		15-120		48	SPK: -8
4165-62-2	Phenol-d5	6.654		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.889		25-120		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.533		20-130		59	SPK: -40
190780-66-6	4-Methylphenol-d8	14.691		25-125		37	SPK: -40
4165-60-0	Nitrobenzene-d5	29.659		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.997		20-130		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.445		20-120		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.417		1-146		14	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.47		25-130		71	SPK: -40
93951-97-4	Acenaphthylene-d8	25.932		10-130		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.843		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	28.298		25-125		71	SPK: -40

Report of Analysis

Client:		Date Collected:	8/11/2024 12:00:00 AM
Project:		Date Received:	8/11/2024 12:00:00 AM
Client Sample ID:	E0CK5	SDG No.:	BG081424
Lab Sample ID:	P3589-04	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
BG062401.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.943		10-130		67	SPK: -40
1719-06-8	Anthracene-d10	29.908		25-130		75	SPK: -40
1718-52-1	Pyrene-d10	30.5		15-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.002		20-130		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	51994	7.957				
1146-65-2	Naphthalene-d8	235845	10.753				
15067-26-2	Acenaphthene-d10	195156	14.578				
1517-22-2	Phenanthrene-d10	491631	17.315				
1719-03-5	Chrysene-d12	527517	21.556				
1520-96-3	Perylene-d12	612246	24.646				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-05-0	Nonanoic acid	2.1	J			11.535	
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	3.5	J			13.42	
000057-10-3	n-Hexadecanoic acid	3.4	J			18.214	
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/11/2024 12:00:00 AM
Project:		Date Received:	8/11/2024 12:00:00 AM
Client Sample ID:	E0CK5MS	SDG No.:	BG081424
Lab Sample ID:	P3589-05MS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062402.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.9		1.2	0.51	2	ug/L
100-52-7	Benzaldehyde	38		2.3	5.1	10	ug/L
110-86-1	Pyridine	5.6	J	2.2	10.1	10	ug/L
108-95-2	Phenol	7.5	J	1.5	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	32		1.3	5.1	10	ug/L
95-57-8	2-Chlorophenol	30		1.2	2.5	5.1	ug/L
95-48-7	2-Methylphenol	22		0.83	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	32		1.2	5.1	10	ug/L
98-86-2	Acetophenone	32		0.9	5.1	10	ug/L
106-44-5	4-Methylphenol	19		1.2	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	33		1.5	2.5	5.1	ug/L
67-72-1	Hexachloroethane	28		1.5	2.5	5.1	ug/L
98-95-3	Nitrobenzene	36		1	2.5	5.1	ug/L
78-59-1	Isophorone	33		1.1	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	42		1.2	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	26		1.1	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	33		1.2	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	33		0.94	2.5	5.1	ug/L
91-20-3	Naphthalene	30		0.71	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	19		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	28		0.99	2.5	5.1	ug/L
105-60-2	Caprolactam	4.8	J	2.9	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	32		2	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	33		1	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	33		1.6	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	26		3.1	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	34		0.82	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	36		0.81	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	8/11/2024 12:00:00 AM
Project:		Date Received:	8/11/2024 12:00:00 AM
Client Sample ID:	E0CK5MS	SDG No.:	BG081424
Lab Sample ID:	P3589-05MS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062402.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31		1	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	32		1.1	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	41		1.7	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	34		1.3	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	43		1.3	2.5	5.1	ug/L
208-96-8	Acenaphthylene	32		1.1	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	35		1.5	5.1	10	ug/L
83-32-9	Acenaphthene	31		1.1	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	40		2.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	8.8	J	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	32		0.88	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	43		1.1	2.5	5.1	ug/L
84-66-2	Diethylphthalate	34		0.88	2.5	5.1	ug/L
86-73-7	Fluorene	32		0.88	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	32		0.97	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	40		1.2	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	41		1.2	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	34		0.72	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	30		0.91	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	35		1.4	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	35		0.57	2.5	5.1	ug/L
1912-24-9	Atrazine	26		0.97	5.1	10	ug/L
87-86-5	Pentachlorophenol	39		2.5	5.1	10	ug/L
85-01-8	Phenanthrene	34		0.98	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	31		1.2	2.5	5.1	ug/L
120-12-7	Anthracene	34		0.73	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	31		0.93	2.5	5.1	ug/L
86-74-8	Carbazole	35		1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	36		0.82	2.5	5.1	ug/L
206-44-0	Fluoranthene	36		0.66	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	8/11/2024 12:00:00 AM
Project:		Date Received:	8/11/2024 12:00:00 AM
Client Sample ID:	E0CK5MS	SDG No.:	BG081424
Lab Sample ID:	P3589-05MS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062402.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	36		0.54	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	39		0.98	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	29		1.7	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	36		0.57	2.5	5.1	ug/L
218-01-9	Chrysene	35		0.76	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	39		0.88	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	38		1.5	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	36		1.1	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	35		1.1	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	34		1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	34		1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	35		1.2	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	35		1.1	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	38		1	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.265		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	3.422	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	7.27		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.11		25-120		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.883		20-130		72	SPK: -40
190780-66-6	4-Methylphenol-d8	17.77		25-125		44	SPK: -40
4165-60-0	Nitrobenzene-d5	38.307		20-125		96	SPK: -40
93951-78-1	2-Nitrophenol-d4	41.732		20-130		104	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.889		20-120		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.608		1-146		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.525		25-130		84	SPK: -40
93951-97-4	Acenaphthylene-d8	31.899		10-130		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.702		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	33.183		25-125		83	SPK: -40

Report of Analysis

Client:		Date Collected:	8/11/2024 12:00:00 AM
Project:		Date Received:	8/11/2024 12:00:00 AM
Client Sample ID:	E0CK5MS	SDG No.:	BG081424
Lab Sample ID:	P3589-05MS	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
BG062402.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	41.321		10-130		103	SPK: -40
1719-06-8	Anthracene-d10	35.217		25-130		88	SPK: -40
1718-52-1	Pyrene-d10	36.289		15-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.764		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44953	7.954				
1146-65-2	Naphthalene-d8	224016	10.751				
15067-26-2	Acenaphthene-d10	186395	14.575				
1517-22-2	Phenanthrene-d10	433497	17.318				
1719-03-5	Chrysene-d12	438604	21.56				
1520-96-3	Perylene-d12	501650	24.649				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/11/2024 12:00:00 AM
Project:		Date Received:	8/11/2024 12:00:00 AM
Client Sample ID:	E0CK5MSD	SDG No.:	BG081424
Lab Sample ID:	P3589-06MSD	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062403.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.7		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	32		2.3	5	10	ug/L
110-86-1	Pyridine	4.4	J	2.2	10	10	ug/L
108-95-2	Phenol	6.4	J	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	27		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	25		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	18		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	15		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	27		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	24		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	31		0.99	2.5	5	ug/L
78-59-1	Isophorone	28		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	37		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	22		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	28		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	29		0.93	2.5	5	ug/L
91-20-3	Naphthalene	26		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	16		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	25		0.98	2.5	5	ug/L
105-60-2	Caprolactam	4.1	J	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	27		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	28		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	28		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	22		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	29		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	31		0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	8/11/2024 12:00:00 AM
Project:		Date Received:	8/11/2024 12:00:00 AM
Client Sample ID:	E0CK5MSD	SDG No.:	BG081424
Lab Sample ID:	P3589-06MSD	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062403.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27		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	35		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	28		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	37		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	27		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	29		1.5	5	10	ug/L
83-32-9	Acenaphthene	27		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	34		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	7.4	J	1.4	5	10	ug/L
132-64-9	Dibenzofuran	27		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	37		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	29		0.87	2.5	5	ug/L
86-73-7	Fluorene	28		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	28		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	33		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	35		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	29		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	26		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	30		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	30		0.56	2.5	5	ug/L
1912-24-9	Atrazine	22		0.96	5	10	ug/L
87-86-5	Pentachlorophenol	33		2.5	5	10	ug/L
85-01-8	Phenanthrene	29		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	27		1.2	2.5	5	ug/L
120-12-7	Anthracene	29		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	26		0.92	2.5	5	ug/L
86-74-8	Carbazole	30		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	30		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	30		0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	8/11/2024 12:00:00 AM
Project:		Date Received:	8/11/2024 12:00:00 AM
Client Sample ID:	E0CK5MSD	SDG No.:	BG081424
Lab Sample ID:	P3589-06MSD	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062403.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	30		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	33		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	25		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	30		0.56	2.5	5	ug/L
218-01-9	Chrysene	30		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	33		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	34		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	32		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	31		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	30		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	30		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	30		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	30		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	32		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.346		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	2.835	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	6.083		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.507		25-120		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.793		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	14.677		25-125		37	SPK: -40
4165-60-0	Nitrobenzene-d5	33.869		20-125		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.526		20-130		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.14		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.926		1-146		22	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.897		25-130		72	SPK: -40
93951-97-4	Acenaphthylene-d8	27.148		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.548		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	28.477		25-125		71	SPK: -40

Report of Analysis

Client:		Date Collected:	8/11/2024 12:00:00 AM
Project:		Date Received:	8/11/2024 12:00:00 AM
Client Sample ID:	E0CK5MSD	SDG No.:	BG081424
Lab Sample ID:	P3589-06MSD	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062403.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.419		10-130		91	SPK: -40
1719-06-8	Anthracene-d10	29.941		25-130		75	SPK: -40
1718-52-1	Pyrene-d10	30.552		15-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.963		20-130		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56466	7.958				
1146-65-2	Naphthalene-d8	267882	10.749				
15067-26-2	Acenaphthene-d10	222685	14.579				
1517-22-2	Phenanthrene-d10	516509	17.316				
1719-03-5	Chrysene-d12	521570	21.563				
1520-96-3	Perylene-d12	573100	24.647				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	E0CK9	SDG No.:	BG081424
Lab Sample ID:	P3589-08	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062404.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

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	3.6	J	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

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	E0CK9	SDG No.:	BG081424
Lab Sample ID:	P3589-08	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062404.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

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

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	E0CK9	SDG No.:	BG081424
Lab Sample ID:	P3589-08	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062404.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.54	U	0.54	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	0.98	U	0.98	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	0.57	U	0.57	2.5	5.1	ug/L
218-01-9	Chrysene	0.76	U	0.76	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.88	U	0.88	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.491		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	2.735	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	7.017		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.744		25-120		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.184		20-130		73	SPK: -40
190780-66-6	4-Methylphenol-d8	16.611		25-125		42	SPK: -40
4165-60-0	Nitrobenzene-d5	38.736		20-125		97	SPK: -40
93951-78-1	2-Nitrophenol-d4	43.358		20-130		108	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.835		20-120		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.969		1-146		20	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.997		25-130		85	SPK: -40
93951-97-4	Acenaphthylene-d8	30.994		10-130		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.337		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	33.692		25-125		84	SPK: -40

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	E0CK9	SDG No.:	BG081424
Lab Sample ID:	P3589-08	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062404.D	1	8/14/2024 12:00:00 AM	8/14/2024 12:00:00 AM	PB162734

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.821		10-130		82	SPK: -40
1719-06-8	Anthracene-d10	34.509		25-130		86	SPK: -40
1718-52-1	Pyrene-d10	35.966		15-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.808		20-130		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43999	7.959				
1146-65-2	Naphthalene-d8	201983	10.75				
15067-26-2	Acenaphthene-d10	170715	14.574				
1517-22-2	Phenanthrene-d10	432906	17.317				
1719-03-5	Chrysene-d12	452094	21.559				
1520-96-3	Perylene-d12	504230	24.649				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BG081424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : DCXT2								
P3555-01	DCXT2	Water	Glycerol 1,2-diacetate	*	9.000	J		
P3555-01	DCXT2	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			9.00		
			Total Concentration:			9.00		
Client ID : E0CK3								
P3589-03	E0CK3	Water	(DEL) Alkane: Straight-Chain20.7	*	2.100	J		
P3589-03	E0CK3	Water	(DEL) Alkane: Straight-Chain21.2	*	11.000	J		
P3589-03	E0CK3	Water	(DEL) Alkane: Straight-Chain22.3	*	2.100	J		
P3589-03	E0CK3	Water	1-Phenoxypropan-2-ol	*	9.700	J		
P3589-03	E0CK3	Water	13-Octadecenoic acid, methyl este	*	5.000	J		
P3589-03	E0CK3	Water	Ethanol, 2-(2-ethoxyethoxy)-	*	3.300	J		
P3589-03	E0CK3	Water	n-Hexadecanoic acid	*	10.000	J		
P3589-03	E0CK3	Water	Octadecanoic acid	*	2.600	J		
P3589-03	E0CK3	Water	Pentanedioic acid, dimethyl ester	*	2.400	J		
P3589-03	E0CK3	Water	Phenol, 4-(1,1-dimethylpropyl)-	*	13.000	J		
P3589-03	E0CK3	Water	Supraene	*	3.500	J		
P3589-03	E0CK3	Water	Total Alkanes	*	15.000	0.99	5	ug/L
			Total Tics :			79.70		
			Total Concentration:			79.70		
Client ID : E0CK5								
P3589-04	E0CK5	Water	n-Hexadecanoic acid	*	3.400	J		
P3589-04	E0CK5	Water	Nonanoic acid	*	2.100	J		
P3589-04	E0CK5	Water	Phenol, 4-(1,1-dimethylpropyl)-	*	3.500	J		
P3589-04	E0CK5	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			9.00		
			Total Concentration:			9.00		
Client ID : E0CK9								
P3589-08	E0CK9	Water	Total Alkanes	*	0.000	1	5.1	ug/L
			Total Tics :			0.00		
P3589-08	E0CK9	Water	Benzaldehyde		3.600	J 2.3	10	ug/L
			Total Svoc :			3.60		
			Total Concentration:			3.60		

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG081424 SAS No.: BG081424 SDG No.: BG081424

Instrument ID: _____ Calibration Date(s): 8/14/2024 : _____

Calibration Time(s): 11:30 _____

LAB FILE ID:		RRFAL1 = BG062390.D		RRFAL2 = BG062391.D		RRFAL3 = BG062392.D		
		RRFAL4 = BG062393.D		RRFAL5 = BG062394.D		RRFAL6 = BG062395.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.568	0.675	0.530	0.522	0.517		0.562	11.8
Benzaldehyde		1.249	1.281	1.121	0.848	0.658	1.031	26.1
Pyridine		1.781	1.716	1.650	1.693	1.603	1.689	4.0
Hexachloroethane	0.497	0.591	0.574	0.554	0.581		0.559	6.6
Nitrobenzene	0.287	0.360	0.365	0.393	0.407		0.362	12.9
Isophorone	0.775	0.901	0.883	0.861	0.857		0.856	5.7
2-Nitrophenol	0.089	0.129	0.145	0.166	0.184		0.143	25.7
2,4-Dimethylphenol	0.332	0.413	0.397	0.397	0.405		0.389	8.3
Bis(2-Chloroethoxy)methane	0.448	0.503	0.484	0.472	0.473		0.476	4.1
2,4-Dichlorophenol	0.279	0.349	0.345	0.343	0.352		0.334	9.2
Naphthalene	1.083	1.267	1.170	1.157	1.123		1.160	5.9
4-Chloroaniline		0.526	0.505	0.502	0.500	0.472	0.501	3.8
Hexachlorobutadiene	0.239	0.273	0.255	0.254	0.247		0.254	5.1
Phenol		2.007	2.049	2.050	2.171	2.161	2.088	3.5
Caprolactam		0.136	0.139	0.139	0.133	0.125	0.135	4.3
4-Chloro-3-methylphenol	0.301	0.399	0.417	0.416	0.420		0.390	13.0
1-Methylnaphthalene	0.766	0.898	0.858	0.833	0.824		0.836	5.8
2-Methylnaphthalene	0.744	0.892	0.827	0.827	0.806		0.819	6.5
Hexachlorocyclopentadiene		0.322	0.317	0.338	0.364	0.371	0.342	7.1
2,4,6-Trichlorophenol	0.309	0.379	0.403	0.406	0.424		0.384	11.7
2,4,5-Trichlorophenol	0.293	0.408	0.422	0.430	0.463		0.403	16.1
1,1-Biphenyl	1.441	1.640	1.531	1.491	1.473		1.515	5.1
2-Chloronaphthalene	1.099	1.271	1.176	1.155	1.162		1.172	5.3
2-Nitroaniline	0.192	0.281	0.320	0.347	0.379		0.304	23.7
Bis(2-Chloroethyl)ether		1.560	1.565	1.521	1.567	1.511	1.545	1.7
Dimethylphthalate	1.453	1.704	1.616	1.579	1.533		1.577	5.9
2,6-Dinitrotoluene	0.152	0.200	0.227	0.264	0.283		0.225	23.2
Acenaphthylene	1.727	1.993	1.864	1.837	1.801		1.844	5.3
3-Nitroaniline		0.233	0.265	0.280	0.257	0.249	0.257	6.8
Acenaphthene	1.310	1.487	1.403	1.367	1.335		1.380	5.0
2,4-Dinitrophenol		0.104	0.120	0.140	0.164	0.183	0.142	22.4
4-Nitrophenol		0.187	0.206	0.225	0.227	0.220	0.213	7.8
Dibenzofuran	1.828	2.100	1.979	1.928	1.872		1.942	5.4
2,4-Dinitrotoluene	0.220	0.310	0.365	0.399	0.421		0.343	23.5
Diethylphthalate	1.418	1.712	1.644	1.560	1.536		1.574	7.1
2-Chlorophenol	1.169	1.444	1.440	1.449	1.528		1.406	9.8

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG081424 SAS No.: BG081424 SDG No.: BG081424

Instrument ID: _____ Calibration Date(s): 8/14/2024 : _____

Calibration Time(s): 11:30 _____

LAB FILE ID:		RRFAL1 = BG062390.D		RRFAL2 = BG062391.D		RRFAL3 = BG062392.D		
		RRFAL4 = BG062393.D		RRFAL5 = BG062394.D		RRFAL6 = BG062395.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.483	1.657	1.575	1.512	1.425		1.530	5.8
4-Chlorophenyl-phenylether	0.759	0.851	0.810	0.779	0.733		0.786	5.8
4-Nitroaniline		0.251	0.292	0.293	0.262	0.244	0.268	8.5
4,6-Dinitro-2-methylphenol		0.076	0.087	0.105	0.119	0.125	0.102	20.4
N-Nitrosodiphenylamine	0.533	0.619	0.586	0.583	0.578		0.580	5.3
1,2,4,5-Tetrachlorobenzene	0.645	0.722	0.662	0.653	0.657		0.668	4.6
4-Bromophenyl-phenylether	0.202	0.238	0.225	0.228	0.229		0.224	6.0
Hexachlorobenzene	0.243	0.281	0.264	0.261	0.259		0.262	5.2
Atrazine		0.268	0.245	0.242	0.236	0.219	0.242	7.3
Pentachlorophenol		0.134	0.139	0.155	0.167	0.168	0.153	10.3
2-Methylphenol		1.535	1.581	1.516	1.648	1.575	1.571	3.2
Phenanthrene	1.077	1.234	1.135	1.112	1.061		1.124	6.1
Pentachlorobenzene	0.288	0.320	0.294	0.296	0.301		0.300	4.1
Anthracene	1.079	1.263	1.170	1.151	1.093		1.151	6.4
1,2,3,4-Tetrachlorobenzene	0.269	0.302	0.279	0.283	0.297		0.286	4.7
Carbazole		1.100	0.996	0.986	0.928	0.825	0.967	10.4
Di-n-butylphthalate	0.998	1.302	1.193	1.179	1.113		1.157	9.7
Fluoranthene	1.174	1.369	1.384	1.320	1.296		1.309	6.4
Pyrene	1.285	1.497	1.480	1.428	1.362		1.410	6.2
Butylbenzylphthalate	0.371	0.478	0.494	0.514	0.518		0.475	12.7
3,3-Dichlorobenzidine		0.509	0.486	0.470	0.396	0.321	0.437	17.6
2,2-oxybis (1-Chloropropane)		3.302	3.240	3.101	3.233	3.066	3.189	3.1
Benzo (a) anthracene	1.368	1.572	1.476	1.448	1.394		1.452	5.5
Chrysene	1.328	1.493	1.397	1.346	1.317		1.376	5.3
Bis (2-ethylhexyl) phthalate	0.552	0.722	0.732	0.742	0.722		0.694	11.5
Di-n-octyl phthalate		1.065	1.073	1.107	1.110	0.979	1.067	5.0
Benzo (b) fluoranthene	1.108	1.300	1.197	1.225	1.212		1.208	5.7
Benzo (k) fluoranthene	1.140	1.312	1.235	1.220	1.190		1.220	5.2
Benzo (a) pyrene	1.070	1.202	1.142	1.143	1.136		1.139	4.1
Indeno (1,2,3-cd) pyrene	1.303	1.513	1.439	1.483	1.501		1.448	5.9
Dibenzo (a,h) anthracene	1.063	1.225	1.167	1.203	1.210		1.173	5.6
Benzo (g,h,i) perylene	1.010	1.162	1.104	1.132	1.158		1.113	5.6
Acetophenone		2.753	2.807	2.686	2.793	2.621	2.732	2.8
2,3,4,6-Tetrachlorophenol	0.298	0.394	0.399	0.422	0.426		0.388	13.4
1,4-Dioxane-d8	0.520	0.557	0.568	0.504	0.484		0.527	6.7
Pyridine-d5		1.700	1.597	1.602	1.597	1.531	1.605	3.8

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG081424 SAS No.: BG081424 SDG No.: BG081424
Instrument ID: _____ Calibration Date(s): 8/14/2024 : _____
Calibration Time(s): 11:30 _____

LAB FILE ID:		RRF _{FAL1} = BG062390.D			RRF _{FAL2} = BG062391.D		RRF _{FAL3} = BG062392.D	
		RRF _{FAL4} = BG062393.D			RRF _{FAL5} = BG062394.D		RRF _{FAL6} = BG062395.D	
COMPOUND	RRF _{FAL1}	RRF _{FAL2}	RRF _{FAL3}	RRF _{FAL4}	RRF _{FAL5}	RRF _{FAL6}	RRF	% RSD
Phenol-d5		1.928	1.946	1.927	2.060	2.087	1.990	3.9
Bis-(2-Chloroethyl)ether-d8		1.303	1.283	1.207	1.256	1.217	1.253	3.3
2-Chlorophenol-d4	1.159	1.399	1.382	1.385	1.471		1.359	8.6
4-Methylphenol-d8		1.574	1.676	1.622	1.752	1.715	1.668	4.3
Nitrobenzene-d5	0.094	0.127	0.131	0.139	0.149		0.128	16.1
2-Nitrophenol-d4	0.087	0.117	0.127	0.145	0.163		0.128	22.7
2,4-Dichlorophenol-d3	0.260	0.342	0.334	0.341	0.347		0.325	11.2
4-Chloroaniline-d4		0.549	0.514	0.516	0.512	0.486	0.515	4.4
4-Methylphenol		1.739	1.801	1.741	1.878	1.838	1.799	3.4
Dimethylphthalate-d6	1.408	1.679	1.606	1.565	1.519		1.556	6.5
Acenaphthylene-d8	1.590	1.841	1.765	1.727	1.689		1.723	5.4
4-Nitrophenol-d4		0.217	0.246	0.262	0.265	0.251	0.248	7.7
Fluorene-d10	1.306	1.502	1.439	1.400	1.370		1.403	5.2
4,6-Dinitro-2-methylphenol-		0.067	0.078	0.091	0.105	0.114	0.091	21.2
Anthracene-d10	0.900	1.047	0.966	0.961	0.931		0.961	5.7
Pyrene-d10	1.062	1.225	1.216	1.192	1.161		1.171	5.6
Benzo(a)pyrene-d12	0.978	1.124	1.059	1.074	1.072		1.061	5.0
N-Nitroso-di-n-propylamine	1.179	1.504	1.521	1.463	1.542		1.442	10.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG081424 SAS No.: BG081424 SDG NO.: BG081424

EPA Sample No.: SSTD020433 Date Analyzed: Aug 14 2024 12:00AM

Lab File ID: BG062392.D Time Analyzed: 15:36

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	43047	7.959	211186	10.76	168321	14.58
UPPER LIMIT	86094	8.459	422372	11.255	336642	15.079
LOWER LIMIT	21523.5	7.459	105593	10.255	84160.5	14.079
EPA SAMPLE NO.						
01 SICV437	40614	7.96	196626	10.75	159475	14.58
02 SBLK734	51760	7.96	238075	10.75	202525	14.58
03 SLCS734	50236	7.96	249332	10.75	205782	14.58
04 DCXT2	43891	7.96	205820	10.75	174383	14.58
05 E0CK3	48898	7.96	227003	10.75	187035	14.57
06 E0CK5	51994	7.96	235845	10.75	195156	14.58
07 E0CK5MS	44953	7.95	224016	10.75	186395	14.58
08 E0CK5MSD	56466	7.96	267882	10.75	222685	14.58
09 E0CK9	43999	7.96	201983	10.75	170715	14.57

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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG081424 SAS No.: BG081424 SDG NO.: BG081424

EPA Sample No.: _____ Date Analyzed: _____

Lab File ID: _____ Time Analyzed: _____

Instrument ID: _____ GC Column: _____ ID: _____ (mm)

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD						
UPPER LIMIT						
LOWER LIMIT						
EPA SAMPLE NO.						

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG081424 SAS No.: BG081424 SDG NO.: BG081424

EPA Sample No.: SSTD020433 Date Analyzed: Aug 14 2024 12:00AM

Lab File ID: BG062392.D Time Analyzed: 15:36

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	412397	17.317	414377	21.564	478376	24.654
UPPER LIMIT	824794	17.817	828754	22.064	956752	25.154
LOWER LIMIT	206198.5	16.817	207188.5	21.064	239188	24.154
EPA SAMPLE NO.						
01 SICV437	389553	17.32	393654	21.56	434593	24.66
02 SBLK734	497222	17.32	536658	21.56	600636	24.65
03 SLCS734	488651	17.32	496703	21.56	568366	24.65
04 DCXT2	434210	17.32	458024	21.56	527767	24.65
05 E0CK3	475491	17.32	491065	21.56	565932	24.65
06 E0CK5	491631	17.32	527517	21.56	612246	24.65
07 E0CK5MS	433497	17.32	438604	21.56	501650	24.65
08 E0CK5MSD	516509	17.32	521570	21.56	573100	24.65
09 E0CK9	432906	17.32	452094	21.56	504230	24.65

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG081424 SAS No.: BG081424 SDG NO.: BG081424

EPA Sample No.: _____ Date Analyzed: _____

Lab File ID: _____ Time Analyzed: _____

Instrument ID: _____ GC Column: _____ ID: _____ (mm)

	IS4 AREA #	RT #	IS5 AREA #	RT #	IS6 AREA #	RT #
12 HOUR STD						
UPPER LIMIT						
LOWER LIMIT						
EPA SAMPLE NO.						

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.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG081424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
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		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG081424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
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		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG081424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162734BS	1,4-Dioxane	16	9.5	ug/L	59				0	0		
	Benzaldehyde	40	21	ug/L	52				0	0		
	Pyridine	40	24	ug/L	60				0	0		
	Phenol	40	28	ug/L	70				0	0		
	Bis(2-chloroethyl)ether	40	27	ug/L	68				0	0		
	2-Chlorophenol	40	29	ug/L	73				0	0		
	2-Methylphenol	40	26	ug/L	65				0	0		
	2,2-oxybis(1-Chloropropane)	40	26	ug/L	65				0	0		
	Acetophenone	40	27	ug/L	68				0	0		
	4-Methylphenol	40	27	ug/L	68				0	0		
	N-Nitroso-di-n-propylamine	40	28	ug/L	70				0	0		
	Hexachloroethane	40	28	ug/L	70				0	0		
	Nitrobenzene	40	30	ug/L	75				0	0		
	Isophorone	40	27	ug/L	68				0	0		
	2-Nitrophenol	40	33	ug/L	83				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	28	ug/L	70				0	0		
	Naphthalene	40	26	ug/L	65				0	0		
	4-Chloroaniline	40	21	ug/L	52				0	0		
	Hexachlorobutadiene	40	25	ug/L	63				0	0		
	Caprolactam	40	28	ug/L	70				0	0		
	4-Chloro-3-methylphenol	40	29	ug/L	73				0	0		
	1-Methylnaphthalene	40	27	ug/L	68				0	0		
	2-Methylnaphthalene	40	27	ug/L	68				0	0		
	Hexachlorocyclopentadiene	40	24	ug/L	60				0	0		
	2,4,6-Trichlorophenol	40	25	ug/L	63				0	0		
	2,4,5-Trichlorophenol	40	27	ug/L	68				0	0		
	1,1'-Biphenyl	40	26	ug/L	65				0	0		
	2-Chloronaphthalene	40	26	ug/L	65				0	0		
	2-Nitroaniline	40	33	ug/L	83				0	0		
	Dimethylphthalate	40	27	ug/L	68				0	0		
	2,6-Dinitrotoluene	40	34	ug/L	85				0	0		
	Acenaphthylene	40	27	ug/L	68				0	0		
	3-Nitroaniline	40	29	ug/L	73				0	0		
	Acenaphthene	40	25	ug/L	63				0	0		
	2,4-Dinitrophenol	40	29	ug/L	73				0	0		
	4-Nitrophenol	40	29	ug/L	73				0	0		
	Dibenzofuran	40	26	ug/L	65				0	0		
	2,4-Dinitrotoluene	40	34	ug/L	85				0	0		
	Diethylphthalate	40	27	ug/L	68				0	0		
	Fluorene	40	26	ug/L	65				0	0		
	4-Chlorophenyl-phenylether	40	26	ug/L	65				0	0		
	4-Nitroaniline	40	32	ug/L	80				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BG081424**

Client:

Analytical Method: **SFAM_SVOC**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162734BS	4,6-Dinitro-2-methylphenol	40	30	ug/L	75				0	0	
	N-Nitrosodiphenylamine	40	27	ug/L	68				0	0	
	1,2,4,5-Tetrachlorobenzene	40	25	ug/L	63				0	0	
	4-Bromophenyl-phenylether	40	27	ug/L	68				0	0	
	Hexachlorobenzene	40	27	ug/L	68				0	0	
	Atrazine	40	1.7	ug/L	4				0	0	
	Pentachlorophenol	40	21	ug/L	52				0	0	
	Phenanthrene	40	27	ug/L	68				0	0	
	Pentachlorobenzene	40	25	ug/L	63				0	0	
	Anthracene	40	26	ug/L	65				0	0	
	1,2,3,4-Tetrachlorobenzene	40	25	ug/L	63				0	0	
	Carbazole	40	27	ug/L	68				0	0	
	Di-n-butylphthalate	40	27	ug/L	68				0	0	
	Fluoranthene	40	28	ug/L	70				0	0	
	Pyrene	40	27	ug/L	68				0	0	
	Butylbenzylphthalate	40	29	ug/L	73				0	0	
	3,3'-Dichlorobenzidine	40	27	ug/L	68				0	0	
	Benzo(a)anthracene	40	27	ug/L	68				0	0	
	Chrysene	40	27	ug/L	68				0	0	
	Bis(2-ethylhexyl)phthalate	40	29	ug/L	73				0	0	
	Di-n-octylphthalate	40	28	ug/L	70				0	0	
	Benzo(b)fluoranthene	40	27	ug/L	68				0	0	
	Benzo(k)fluoranthene	40	27	ug/L	68				0	0	
	Benzo(a)pyrene	40	26	ug/L	65				0	0	
	Indeno(1,2,3-cd)pyrene	40	26	ug/L	65				0	0	
	Dibenzo(a,h)anthracene	40	26	ug/L	65				0	0	
	Benzo(g,h,i)perylene	40	26	ug/L	65				0	0	
	2,3,4,6-Tetrachlorophenol	40	24	ug/L	60				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK734

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG081424

SAS No.: BG081424 SDG NO.: BG081424

Lab File ID: BG062397.D

Lab Sample ID: PB162734BL

Instrument ID: BNA_G

Date Extracted: 08/14/2024

Matrix: (soil/water) Water

Date Analyzed: 08/14/2024

Level: (low/med) LOW

Time Analyzed: 16:17

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162734BS	PB162734BS	BG062398.D	08/14/2024
DCXT2	P3555-01	BG062399.D	08/14/2024
E0CK3	P3589-03	BG062400.D	08/14/2024
E0CK5	P3589-04	BG062401.D	08/14/2024
E0CK5MS	P3589-05MS	BG062402.D	08/14/2024
E0CK5MSD	P3589-06MSD	BG062403.D	08/14/2024
E0CK9	P3589-08	BG062404.D	08/14/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG081424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3589-05MS	Client Sample ID:	E0CK5MS				DataFile:	BG062402.D			
1,4-Dioxane	16.2		4.9	ug/L	30				15	120	
Benzaldehyde	40.4		38	ug/L	94				0	0	
Pyridine	40.4		5.6	ug/L	14				0	0	
Phenol	40.4		7.5	ug/L	19				12	110	
Bis(2-chloroethyl)ether	40.4		32	ug/L	79				0	0	
2-Chlorophenol	40.4		30	ug/L	74				27	123	
2-Methylphenol	40.4		22	ug/L	54				0	0	
2,2-oxybis(1-Chloropropane)	40.4		32	ug/L	79				0	0	
Acetophenone	40.4		32	ug/L	79				0	0	
4-Methylphenol	40.4		19	ug/L	47				0	0	
N-Nitroso-di-n-propylamine	40.4		33	ug/L	82				41	116	
Hexachloroethane	40.4		28	ug/L	69				0	0	
Nitrobenzene	40.4		36	ug/L	89				0	0	
Isophorone	40.4		33	ug/L	82				0	0	
2-Nitrophenol	40.4		42	ug/L	104				0	0	
2,4-Dimethylphenol	40.4		26	ug/L	64				0	0	
Bis(2-chloroethoxy)methane	40.4		33	ug/L	82				0	0	
2,4-Dichlorophenol	40.4		33	ug/L	82				0	0	
Naphthalene	40.4		30	ug/L	74				0	0	
4-Chloroaniline	40.4		19	ug/L	47				0	0	
Hexachlorobutadiene	40.4		28	ug/L	69				0	0	
Caprolactam	40.4		4.8	ug/L	12				0	0	
4-Chloro-3-methylphenol	40.4		32	ug/L	79				23	97	
1-Methylnaphthalene	40.4		33	ug/L	82				0	0	
2-Methylnaphthalene	40.4		33	ug/L	82				0	0	
Hexachlorocyclopentadiene	40.4		26	ug/L	64				0	0	
2,4,6-Trichlorophenol	40.4		34	ug/L	84				0	0	
2,4,5-Trichlorophenol	40.4		36	ug/L	89				0	0	
1,1'-Biphenyl	40.4		31	ug/L	77				0	0	
2-Chloronaphthalene	40.4		32	ug/L	79				0	0	
2-Nitroaniline	40.4		41	ug/L	101				0	0	
Dimethylphthalate	40.4		34	ug/L	84				0	0	
2,6-Dinitrotoluene	40.4		43	ug/L	106				0	0	
Acenaphthylene	40.4		32	ug/L	79				0	0	
3-Nitroaniline	40.4		35	ug/L	87				0	0	
Acenaphthene	40.4		31	ug/L	77				46	118	
2,4-Dinitrophenol	40.4		40	ug/L	99				0	0	
4-Nitrophenol	40.4		8.8	ug/L	22				10	80	
Dibenzofuran	40.4		32	ug/L	79				0	0	
2,4-Dinitrotoluene	40.4		43	ug/L	106	*			24	96	
Diethylphthalate	40.4		34	ug/L	84				0	0	
Fluorene	40.4		32	ug/L	79				0	0	
4-Chlorophenyl-phenylether	40.4		32	ug/L	79				0	0	
4-Nitroaniline	40.4		40	ug/L	99				0	0	
4,6-Dinitro-2-methylphenol	40.4		41	ug/L	101				0	0	
N-Nitrosodiphenylamine	40.4		34	ug/L	84				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG081424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	40.4		30	ug/L	74				0	0	
4-Bromophenyl-phenylether	40.4		35	ug/L	87				0	0	
Hexachlorobenzene	40.4		35	ug/L	87				0	0	
Atrazine	40.4		26	ug/L	64				0	0	
Pentachlorophenol	40.4		39	ug/L	97				9	103	
Phenanthrene	40.4		34	ug/L	84				0	0	
Pentachlorobenzene	40.4		31	ug/L	77				0	0	
Anthracene	40.4		34	ug/L	84				0	0	
1,2,3,4-Tetrachlorobenzene	40.4		31	ug/L	77				0	0	
Carbazole	40.4		35	ug/L	87				0	0	
Di-n-butylphthalate	40.4		36	ug/L	89				0	0	
Fluoranthene	40.4		36	ug/L	89				0	0	
Pyrene	40.4		36	ug/L	89				26	127	
Butylbenzylphthalate	40.4		39	ug/L	97				0	0	
3,3'-Dichlorobenzidine	40.4		29	ug/L	72				0	0	
Benzo(a)anthracene	40.4		36	ug/L	89				0	0	
Chrysene	40.4		35	ug/L	87				0	0	
Bis(2-ethylhexyl)phthalate	40.4		39	ug/L	97				0	0	
Di-n-octylphthalate	40.4		38	ug/L	94				0	0	
Benzo(b)fluoranthene	40.4		36	ug/L	89				0	0	
Benzo(k)fluoranthene	40.4		35	ug/L	87				0	0	
Benzo(a)pyrene	40.4		34	ug/L	84				0	0	
Indeno(1,2,3-cd)pyrene	40.4		34	ug/L	84				0	0	
Dibenzo(a,h)anthracene	40.4		35	ug/L	87				0	0	
Benzo(g,h,i)perylene	40.4		35	ug/L	87				0	0	
2,3,4,6-Tetrachlorophenol	40.4		38	ug/L	94				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG081424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3589-06MSD	Client Sample ID:	E0CK5MSD					DataFile:	BG062403.D		
1,4-Dioxane	16		3.7	ug/L	23	26			15	120	50
Benzaldehyde	40		32	ug/L	80	16	*		0	0	0
Pyridine	40		4.4	ug/L	11	24	*		0	0	0
Phenol	40		6.4	ug/L	16	17			12	110	42
Bis(2-chloroethyl)ether	40		27	ug/L	68	15	*		0	0	0
2-Chlorophenol	40		25	ug/L	63	16			27	123	40
2-Methylphenol	40		18	ug/L	45	18	*		0	0	0
2,2-oxybis(1-Chloropropane)	40		26	ug/L	65	19	*		0	0	0
Acetophenone	40		26	ug/L	65	19	*		0	0	0
4-Methylphenol	40		15	ug/L	38	21	*		0	0	0
N-Nitroso-di-n-propylamine	40		27	ug/L	68	19			41	116	38
Hexachloroethane	40		24	ug/L	60	14	*		0	0	0
Nitrobenzene	40		31	ug/L	78	13	*		0	0	0
Isophorone	40		28	ug/L	70	16	*		0	0	0
2-Nitrophenol	40		37	ug/L	93	11	*		0	0	0
2,4-Dimethylphenol	40		22	ug/L	55	15	*		0	0	0
Bis(2-chloroethoxy)methane	40		28	ug/L	70	16	*		0	0	0
2,4-Dichlorophenol	40		29	ug/L	73	12	*		0	0	0
Naphthalene	40		26	ug/L	65	13	*		0	0	0
4-Chloroaniline	40		16	ug/L	40	16	*		0	0	0
Hexachlorobutadiene	40		25	ug/L	63	9	*		0	0	0
Caprolactam	40		4.1	ug/L	10	18	*		0	0	0
4-Chloro-3-methylphenol	40		27	ug/L	68	15			23	97	42
1-Methylnaphthalene	40		28	ug/L	70	16	*		0	0	0
2-Methylnaphthalene	40		28	ug/L	70	16	*		0	0	0
Hexachlorocyclopentadiene	40		22	ug/L	55	15	*		0	0	0
2,4,6-Trichlorophenol	40		29	ug/L	73	14	*		0	0	0
2,4,5-Trichlorophenol	40		31	ug/L	78	13	*		0	0	0
1,1'-Biphenyl	40		27	ug/L	68	12	*		0	0	0
2-Chloronaphthalene	40		27	ug/L	68	15	*		0	0	0
2-Nitroaniline	40		35	ug/L	88	14	*		0	0	0
Dimethylphthalate	40		28	ug/L	70	18	*		0	0	0
2,6-Dinitrotoluene	40		37	ug/L	93	13	*		0	0	0
Acenaphthylene	40		27	ug/L	68	15	*		0	0	0
3-Nitroaniline	40		29	ug/L	73	18	*		0	0	0
Acenaphthene	40		27	ug/L	68	12			46	118	31
2,4-Dinitrophenol	40		34	ug/L	85	15	*		0	0	0
4-Nitrophenol	40		7.4	ug/L	19	15			10	80	50
Dibenzofuran	40		27	ug/L	68	15	*		0	0	0
2,4-Dinitrotoluene	40		37	ug/L	93	13			24	96	38
Diethylphthalate	40		29	ug/L	73	14	*		0	0	0
Fluorene	40		28	ug/L	70	12	*		0	0	0
4-Chlorophenyl-phenylether	40		28	ug/L	70	12	*		0	0	0
4-Nitroaniline	40		33	ug/L	83	18	*		0	0	0
4,6-Dinitro-2-methylphenol	40		35	ug/L	88	14	*		0	0	0
N-Nitrosodiphenylamine	40		29	ug/L	73	14	*		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG081424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	40		26	ug/L	65		13	*	0	0	0
4-Bromophenyl-phenylether	40		30	ug/L	75		15	*	0	0	0
Hexachlorobenzene	40		30	ug/L	75		15	*	0	0	0
Atrazine	40		22	ug/L	55		15	*	0	0	0
Pentachlorophenol	40		33	ug/L	83		16		9	103	50
Phenanthrene	40		29	ug/L	73		14	*	0	0	0
Pentachlorobenzene	40		27	ug/L	68		12	*	0	0	0
Anthracene	40		29	ug/L	73		14	*	0	0	0
1,2,3,4-Tetrachlorobenzene	40		26	ug/L	65		17	*	0	0	0
Carbazole	40		30	ug/L	75		15	*	0	0	0
Di-n-butylphthalate	40		30	ug/L	75		17	*	0	0	0
Fluoranthene	40		30	ug/L	75		17	*	0	0	0
Pyrene	40		30	ug/L	75		17		26	127	31
Butylbenzylphthalate	40		33	ug/L	83		16	*	0	0	0
3,3'-Dichlorobenzidine	40		25	ug/L	63		13	*	0	0	0
Benzo(a)anthracene	40		30	ug/L	75		17	*	0	0	0
Chrysene	40		30	ug/L	75		15	*	0	0	0
Bis(2-ethylhexyl)phthalate	40		33	ug/L	83		16	*	0	0	0
Di-n-octylphthalate	40		34	ug/L	85		10	*	0	0	0
Benzo(b)fluoranthene	40		32	ug/L	80		11	*	0	0	0
Benzo(k)fluoranthene	40		31	ug/L	78		11	*	0	0	0
Benzo(a)pyrene	40		30	ug/L	75		11	*	0	0	0
Indeno(1,2,3-cd)pyrene	40		30	ug/L	75		11	*	0	0	0
Dibenzo(a,h)anthracene	40		30	ug/L	75		15	*	0	0	0
Benzo(g,h,i)perylene	40		30	ug/L	75		15	*	0	0	0
2,3,4,6-Tetrachlorophenol	40		32	ug/L	80		16	*	0	0	0

Surrogate Summary

SW-846

SDG No.: **BG081424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3555-01	DCXT2	BG062399.D	1,4-Dioxane-d8	8	4.52	56		15	120
			Pyridine-d5	40	3.75	9	*	20	120
			Phenol-d5	40	7.96	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.35	76		25	120
			2-Chlorophenol-d4	40	28.42	71		20	130
			4-Methylphenol-d8	40	17.88	45		25	125
			Nitrobenzene-d5	40	37.88	95		20	125
			2-Nitrophenol-d4	40	39.12	98		20	130
			2,4-Dichlorophenol-d3	40	30.98	77		20	120
			4-Chloroaniline-d4	40	6.43	16		1	146
			Dimethylphthalate-d6	40	32.74	82		25	130
			Acenaphthylene-d8	40	30.28	76		10	130
			4-Nitrophenol-d4	40	8.01	20		10	150
			Fluorene-d10	40	32.42	81		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.63	79		10	130
			Anthracene-d10	40	34.27	86		25	130
			Pyrene-d10	40	34.79	87		15	130
			Benzo(a)pyrene-d12	40	35.12	88		20	130
P3589-03	E0CK3	BG062400.D	1,4-Dioxane-d8	8	3.54	44		15	120
			Pyridine-d5	40	5.42	14	*	20	120
			Phenol-d5	40	3.59	9	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	10.60	26		25	120
			2-Chlorophenol-d4	40	9.20	23		20	130
			4-Methylphenol-d8	40	7.78	19	*	25	125
			Nitrobenzene-d5	40	12.02	30		20	125
			2-Nitrophenol-d4	40	9.20	23		20	130
			2,4-Dichlorophenol-d3	40	9.54	24		20	120
			4-Chloroaniline-d4	40	7.22	18		1	146
			Dimethylphthalate-d6	40	11.88	30		25	130
			Acenaphthylene-d8	40	10.51	26		10	130
			4-Nitrophenol-d4	40	2.59	6	*	10	150
			Fluorene-d10	40	11.35	28		25	125
			4,6-Dinitro-2-methylphenol-d2	40	4.77	12		10	130
			Anthracene-d10	40	11.78	29		25	130
			Pyrene-d10	40	12.35	31		15	130
			Benzo(a)pyrene-d12	40	11.71	29		20	130
P3589-04	E0CK5	BG062401.D	1,4-Dioxane-d8	8	3.84	48		15	120
			Pyridine-d5	40	0.89	2	*	20	120
			Phenol-d5	40	6.65	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.89	60		25	120
			2-Chlorophenol-d4	40	23.53	59		20	130
			4-Methylphenol-d8	40	14.69	37		25	125
			Nitrobenzene-d5	40	29.66	74		20	125
			2-Nitrophenol-d4	40	32.00	80		20	130
			2,4-Dichlorophenol-d3	40	26.45	66		20	120
			4-Chloroaniline-d4	40	5.42	14		1	146
			Dimethylphthalate-d6	40	28.47	71		25	130
			Acenaphthylene-d8	40	25.93	65		10	130
			4-Nitrophenol-d4	40	7.84	20		10	150

Surrogate Summary

SW-846

SDG No.: **BG081424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3589-04	E0CK5	BG062401.D	Fluorene-d10	40	28.30	71		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.94	67		10	130
			Anthracene-d10	40	29.91	75		25	130
			Pyrene-d10	40	30.50	76		15	130
			Benzo(a)pyrene-d12	40	31.00	78		20	130
P3589-05MS	E0CK5MS	BG062402.D	1,4-Dioxane-d8	8	4.27	53		15	120
			Pyridine-d5	40	3.42	9	*	20	120
			Phenol-d5	40	7.27	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.11	80		25	120
			2-Chlorophenol-d4	40	28.88	72		20	130
			4-Methylphenol-d8	40	17.77	44		25	125
			Nitrobenzene-d5	40	38.31	96		20	125
			2-Nitrophenol-d4	40	41.73	104		20	130
			2,4-Dichlorophenol-d3	40	33.89	85		20	120
			4-Chloroaniline-d4	40	10.61	27		1	146
			Dimethylphthalate-d6	40	33.53	84		25	130
			Acenaphthylene-d8	40	31.90	80		10	130
			4-Nitrophenol-d4	40	8.70	22		10	150
			Fluorene-d10	40	33.18	83		25	125
			4,6-Dinitro-2-methylphenol-d2	40	41.32	103		10	130
			Anthracene-d10	40	35.22	88		25	130
			Pyrene-d10	40	36.29	91		15	130
			Benzo(a)pyrene-d12	40	35.76	89		20	130
P3589-06MSD	E0CK5MSD	BG062403.D	1,4-Dioxane-d8	8	3.35	42		15	120
			Pyridine-d5	40	2.84	7	*	20	120
			Phenol-d5	40	6.08	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.51	66		25	120
			2-Chlorophenol-d4	40	24.79	62		20	130
			4-Methylphenol-d8	40	14.68	37		25	125
			Nitrobenzene-d5	40	33.87	85		20	125
			2-Nitrophenol-d4	40	36.53	91		20	130
			2,4-Dichlorophenol-d3	40	30.14	75		20	120
			4-Chloroaniline-d4	40	8.93	22		1	146
			Dimethylphthalate-d6	40	28.90	72		25	130
			Acenaphthylene-d8	40	27.15	68		10	130
			4-Nitrophenol-d4	40	7.55	19		10	150
			Fluorene-d10	40	28.48	71		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.42	91		10	130
			Anthracene-d10	40	29.94	75		25	130
			Pyrene-d10	40	30.55	76		15	130
			Benzo(a)pyrene-d12	40	31.96	80		20	130
P3589-08	E0CK9	BG062404.D	1,4-Dioxane-d8	8	4.49	56		15	120
			Pyridine-d5	40	2.74	7	*	20	120
			Phenol-d5	40	7.02	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.74	79		25	120
			2-Chlorophenol-d4	40	29.18	73		20	130
			4-Methylphenol-d8	40	16.61	42		25	125
			Nitrobenzene-d5	40	38.74	97		20	125
			2-Nitrophenol-d4	40	43.36	108		20	130

Surrogate Summary

SW-846

SDG No.: **BG081424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3589-08	E0CK9	BG062404.D	2,4-Dichlorophenol-d3	40	32.84	82		20	120
			4-Chloroaniline-d4	40	7.97	20		1	146
			Dimethylphthalate-d6	40	34.00	85		25	130
			Acenaphthylene-d8	40	30.99	77		10	130
			4-Nitrophenol-d4	40	7.34	18		10	150
			Fluorene-d10	40	33.69	84		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.82	82		10	130
			Anthracene-d10	40	34.51	86		25	130
			Pyrene-d10	40	35.97	90		15	130
			Benzo(a)pyrene-d12	40	35.81	90		20	130
PB162734BL	PB162734BL	BG062397.D	1,4-Dioxane-d8	8	7.36	92		15	120
			Pyridine-d5	40	22.79	57		20	120
			Phenol-d5	40	23.01	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.46	61		25	120
			2-Chlorophenol-d4	40	24.74	62		20	130
			4-Methylphenol-d8	40	22.71	57		25	125
			Nitrobenzene-d5	40	29.53	74		20	125
			2-Nitrophenol-d4	40	32.11	80		20	130
			2,4-Dichlorophenol-d3	40	25.36	63		20	120
			4-Chloroaniline-d4	40	22.33	56		1	146
			Dimethylphthalate-d6	40	27.08	68		25	130
			Acenaphthylene-d8	40	24.41	61		10	130
			4-Nitrophenol-d4	40	24.87	62		10	150
			Fluorene-d10	40	25.62	64		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.23	58		10	130
			Anthracene-d10	40	25.83	65		25	130
			Pyrene-d10	40	25.88	65		15	130
			Benzo(a)pyrene-d12	40	25.35	63		20	130
PB162734BS	PB162734BS	BG062398.D	1,4-Dioxane-d8	8	7.46	93		15	120
			Pyridine-d5	40	24.45	61		20	120
			Phenol-d5	40	27.58	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.09	65		25	120
			2-Chlorophenol-d4	40	27.93	70		20	130
			4-Methylphenol-d8	40	27.19	68		25	125
			Nitrobenzene-d5	40	31.43	79		20	125
			2-Nitrophenol-d4	40	33.45	84		20	130
			2,4-Dichlorophenol-d3	40	29.59	74		20	120
			4-Chloroaniline-d4	40	22.46	56		1	146
			Dimethylphthalate-d6	40	27.15	68		25	130
			Acenaphthylene-d8	40	26.40	66		10	130
			4-Nitrophenol-d4	40	29.74	74		10	150
			Fluorene-d10	40	26.53	66		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.13	78		10	130
			Anthracene-d10	40	26.31	66		25	130
			Pyrene-d10	40	27.11	68		15	130
			Benzo(a)pyrene-d12	40	26.34	66		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG081424

Lab Code: CHEM

SAS No.: BG081424 SDG NO.: BG081424

Lab File ID: BG062389.D

DFTPP Injection Date: 08/14/2024

Instrument ID: BNA_G

DFTPP Injection Time: 10:50

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	37.7
68	Less than 2.0% of mass 69	0.1 (0.4) 1
69	Mass 69 relative abundance	30.2
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	37.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	27.5
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	72.4
443	15.0 - 24.0% of mass 442	13.6 (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
SSTD005431	SSTD00546	BG062390.D	08/14/2024	11:30
SSTD010432	SSTD01047	BG062391.D	08/14/2024	12:11
SSTD020433	SSTD02048	BG062392.D	08/14/2024	12:51
SSTD040434	SSTD04049	BG062393.D	08/14/2024	13:31
SSTD080435	SSTD08050	BG062394.D	08/14/2024	14:12
SSTD160436	SSTD16051	BG062395.D	08/14/2024	14:53
SICV437	SSTDICV020	BG062396.D	08/14/2024	15:36
SBLK734	PB162734BL	BG062397.D	08/14/2024	16:17
SLCS734	PB162734BS	BG062398.D	08/14/2024	16:58
DCXT2	P3555-01	BG062399.D	08/14/2024	17:39
E0CK3	P3589-03	BG062400.D	08/14/2024	18:20
E0CK5	P3589-04	BG062401.D	08/14/2024	19:01
E0CK5MS	P3589-05MS	BG062402.D	08/14/2024	19:42
E0CK5MSD	P3589-06MSD	BG062403.D	08/14/2024	20:23
E0CK9	P3589-08	BG062404.D	08/14/2024	21:04
SSTD020455	SSTDCCC020EC	BG062405.D	08/14/2024	22:26