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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG082324 SAS No.: BG082324 SDG No.: BG082324

Instrument ID: BNA_G Calibration Date/Time: 8/23/2024 12 10:27

Lab File ID: BG062561.D Init. Calib. Date(s):

EPA Sample No.: SSTD020473 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	0.534	0.010	-5.046	40.0
Benzaldehyde	1.031	1.208	0.010	17.1013	40.0
Pyridine	1.689	1.645	0.010	-2.6291	40.0
Phenol	2.088	1.977	0.080	-5.2814	20.0
Bis(2-Chloroethyl)ether	1.545	1.399	0.100	-9.455	20.0
2-Chlorophenol	1.406	1.446	0.200	2.849	20.0
2-Methylphenol	1.571	1.476	0.010	-6.0318	20.0
2,2-oxybis(1-Chloropropane)	3.189	2.959	0.010	-7.2131	40.0
Acetophenone	2.732	2.406	0.060	-11.9448	20.0
4-Methylphenol	1.799	1.702	0.010	-5.4	20.0
N-Nitroso-di-n-propylamine	1.442	1.240	0.050	-13.9547	30.0
Hexachloroethane	0.559	0.580	0.100	3.6009	20.0
Nitrobenzene	0.362	0.410	0.050	13.2911	25.0
Isophorone	0.856	0.792	0.050	-7.392	25.0
2-Nitrophenol	0.143	0.194	0.050	35.8508	25.0
2,4-Dimethylphenol	0.389	0.424	0.050	9.1388	25.0
Bis(2-Chloroethoxy)methane	0.476	0.469	0.050	-1.5128	20.0
2,4-Dichlorophenol	0.334	0.382	0.060	14.429	20.0
Naphthalene	1.160	1.152	0.200	-0.6894	20.0
4-Chloroaniline	0.501	0.473	0.010	-5.5433	40.0
Hexachlorobutadiene	0.254	0.260	0.040	2.5593	30.0
Caprolactam	0.135	0.113	0.010	-16.1622	40.0
4-Chloro-3-methylphenol	0.390	0.410	0.040	5.0099	25.0
1-Methylnaphthalene	0.836	0.813	0.100	-2.7825	20.0
2-Methylnaphthalene	0.819	0.808	0.100	-1.3252	20.0
Hexachlorocyclopentadiene	0.342	0.259	0.010	-24.4586	40.0
2,4,6-Trichlorophenol	0.384	0.430	0.090	12.0417	25.0
2,4,5-Trichlorophenol	0.403	0.466	0.100	15.4697	25.0
1,1-Biphenyl	1.515	1.521	0.200	0.3973	20.0
2-Chloronaphthalene	1.172	1.195	0.300	1.9016	20.0
2-Nitroaniline	0.304	0.371	0.050	22.2297	40.0
Dimethylphthalate	1.577	1.487	0.300	-5.7523	20.0
2,6-Dinitrotoluene	0.225	0.280	0.080	24.5199	30.0
Acenaphthylene	1.844	1.812	0.400	-1.7239	20.0
3-Nitroaniline	0.257	0.288	0.010	12.3201	40.0
Acenaphthene	1.380	1.369	0.200	-0.8491	20.0
2,4-Dinitrophenol	0.142	0.152	0.010	7.3037	40.0
4-Nitrophenol	0.213	0.201	0.010	-5.468	40.0
Dibenzofuran	1.942	1.904	0.300	-1.9481	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG082324 SAS No.: BG082324 SDG No.: BG082324

Instrument ID: BNA_G Calibration Date/Time: 8/23/2024 12 10:27

Lab File ID: BG062561.D Init. Calib. Date(s):

EPA Sample No.: SSTD020473 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	0.423	0.070	23.4483	30.0
Diethylphthalate	1.574	1.453	0.300	-7.6726	20.0
Fluorene	1.530	1.446	0.200	-5.4793	20.0
4-Chlorophenyl-phenylether	0.786	0.747	0.100	-5.0451	20.0
4-Nitroaniline	0.268	0.278	0.010	3.7367	40.0
4,6-Dinitro-2-methylphenol	0.102	0.121	0.010	18.1264	40.0
N-Nitrosodiphenylamine	0.580	0.619	0.050	6.708	20.0
1,2,4,5-Tetrachlorobenzene	0.668	0.670	0.100	0.3785	20.0
4-Bromophenyl-phenylether	0.224	0.245	0.070	9.2313	20.0
Hexachlorobenzene	0.262	0.278	0.050	6.2492	25.0
Atrazine	0.242	0.239	0.010	-1.3029	25.0
Pentachlorophenol	0.153	0.159	0.010	4.2849	40.0
Phenanthrene	1.124	1.120	0.200	-0.3203	20.0
Pentachlorobenzene	0.300	0.341	0.050	13.8599	20.0
Anthracene	1.151	1.158	0.200	0.6076	20.0
1,2,3,4-Tetrachlorobenzene	0.286	0.336	0.050	17.6873	20.0
Carbazole	0.967	0.921	0.050	-4.7525	40.0
Di-n-butylphthalate	1.157	1.157	0.500	0.0205	25.0
Fluoranthene	1.309	1.374	0.400	5.0265	25.0
Pyrene	1.410	1.467	0.400	4.0149	25.0
Butylbenzylphthalate	0.475	0.521	0.100	9.6741	40.0
3,3-Dichlorobenzidine	0.437	0.480	0.010	9.9838	40.0
Benzo(a)anthracene	1.452	1.467	0.300	1.0438	30.0
Chrysene	1.376	1.358	0.200	-1.3486	30.0
Bis(2-ethylhexyl)phthalate	0.694	0.769	0.200	10.8144	40.0
Di-n-octyl phthalate	1.067	1.141	0.010	6.9388	40.0
Benzo(b)fluoranthene	1.208	1.227	0.200	1.5861	25.0
Benzo(k)fluoranthene	1.220	1.200	0.200	-1.6186	25.0
Benzo(a)pyrene	1.139	1.125	0.200	-1.2492	20.0
Indeno(1,2,3-cd)pyrene	1.448	1.495	0.200	3.2694	25.0
Dibenzo(a,h)anthracene	1.173	1.209	0.200	2.9978	30.0
Benzo(g,h,i)perylene	1.113	1.144	0.200	2.7695	30.0
2,3,4,6-Tetrachlorophenol	0.388	0.408	0.040	5.2087	20.0
1,4-Dioxane-d8	0.527	0.525	0.010	-0.3934	25.0
Pyridine-d5	1.605	1.582	0.010	-1.4556	40.0
Phenol-d5	1.990	1.901	0.010	-4.4332	25.0
Bis-(2-Chloroethyl)ether-d8	1.253	1.115	0.050	-11.0292	25.0
2-Chlorophenol-d4	1.359	1.400	0.200	3.011	20.0
4-Methylphenol-d8	1.668	1.613	0.010	-3.299	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG082324 SAS No.: BG082324 SDG No.: BG082324

Instrument ID: BNA_G Calibration Date/Time: 8/23/2024 12 10:27

Lab File ID: BG062561.D Init. Calib. Date(s):

EPA Sample No.: SSTD020473 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.128	0.160	0.050	24.6557	20.0
2-Nitrophenol-d4	0.128	0.177	0.050	38.6141	30.0
2,4-Dichlorophenol-d3	0.325	0.368	0.060	13.2176	20.0
4-Chloroaniline-d4	0.515	0.485	0.010	-5.882	40.0
Dimethylphthalate-d6	1.556	1.484	0.300	-4.6338	20.0
Acenaphthylene-d8	1.723	1.697	0.400	-1.458	20.0
4-Nitrophenol-d4	0.248	0.241	0.010	-2.7257	40.0
Fluorene-d10	1.403	1.347	0.100	-4.0335	20.0
4,6-Dinitro-2-methylphenol-d2	0.091	0.112	0.010	23.6419	40.0
Anthracene-d10	0.961	0.955	0.300	-0.5917	20.0
Pyrene-d10	1.171	1.208	0.300	3.1069	25.0
Benzo(a)pyrene-d12	1.061	1.053	0.010	-0.8245	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG082324 SAS No.: BG082324 SDG No.: BG082324

Instrument ID: BNA_G Calibration Date/Time: 8/23/2024 12 15:54

Lab File ID: BG062568.D Init. Calib. Date(s):

EPA Sample No.: SSTD020474 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	0.417	0.010	-25.9059	40.0
Benzaldehyde	1.031	1.162	0.010	12.6438	40.0
Pyridine	1.689	1.523	0.010	-9.8195	40.0
Phenol	2.088	1.891	0.080	-9.4008	20.0
Bis(2-Chloroethyl)ether	1.545	1.326	0.100	-14.1668	20.0
2-Chlorophenol	1.406	1.405	0.200	-0.041	20.0
2-Methylphenol	1.571	1.374	0.010	-12.5356	20.0
2,2-oxybis(1-Chloropropane)	3.189	2.621	0.010	-17.8012	40.0
Acetophenone	2.732	2.271	0.060	-16.8717	20.0
4-Methylphenol	1.799	1.591	0.010	-11.6101	20.0
N-Nitroso-di-n-propylamine	1.442	1.151	0.050	-20.1946	30.0
Hexachloroethane	0.559	0.529	0.100	-5.3819	20.0
Nitrobenzene	0.362	0.397	0.050	9.5096	25.0
Isophorone	0.856	0.708	0.050	-17.2481	25.0
2-Nitrophenol	0.143	0.190	0.050	33.4506	25.0
2,4-Dimethylphenol	0.389	0.388	0.050	-0.2891	25.0
Bis(2-Chloroethoxy)methane	0.476	0.430	0.050	-9.6973	20.0
2,4-Dichlorophenol	0.334	0.352	0.060	5.4937	20.0
Naphthalene	1.160	1.063	0.200	-8.3856	20.0
4-Chloroaniline	0.501	0.432	0.010	-13.6937	40.0
Hexachlorobutadiene	0.254	0.239	0.040	-5.9804	30.0
Caprolactam	0.135	0.133	0.010	-0.8396	40.0
4-Chloro-3-methylphenol	0.390	0.375	0.040	-3.8428	25.0
1-Methylnaphthalene	0.836	0.766	0.100	-8.402	20.0
2-Methylnaphthalene	0.819	0.746	0.100	-8.9666	20.0
Hexachlorocyclopentadiene	0.342	0.259	0.010	-24.4314	40.0
2,4,6-Trichlorophenol	0.384	0.424	0.090	10.3388	25.0
2,4,5-Trichlorophenol	0.403	0.441	0.100	9.4463	25.0
1,1-Biphenyl	1.515	1.494	0.200	-1.3732	20.0
2-Chloronaphthalene	1.172	1.178	0.300	0.4773	20.0
2-Nitroaniline	0.304	0.360	0.050	18.6375	40.0
Dimethylphthalate	1.577	1.387	0.300	-12.0392	20.0
2,6-Dinitrotoluene	0.225	0.268	0.080	18.7574	30.0
Acenaphthylene	1.844	1.721	0.400	-6.6573	20.0
3-Nitroaniline	0.257	0.268	0.010	4.4373	40.0
Acenaphthene	1.380	1.278	0.200	-7.4108	20.0
2,4-Dinitrophenol	0.142	0.148	0.010	4.1137	40.0
4-Nitrophenol	0.213	0.186	0.010	-12.7055	40.0
Dibenzofuran	1.942	1.762	0.300	-9.2403	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG082324 SAS No.: BG082324 SDG No.: BG082324

Instrument ID: BNA_G Calibration Date/Time: 8/23/2024 12 15:54

Lab File ID: BG062568.D Init. Calib. Date(s):

EPA Sample No.: SSTD020474 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	0.384	0.070	11.9878	30.0
Diethylphthalate	1.574	1.325	0.300	-15.8189	20.0
Fluorene	1.530	1.354	0.200	-11.5499	20.0
4-Chlorophenyl-phenylether	0.786	0.701	0.100	-10.8489	20.0
4-Nitroaniline	0.268	0.258	0.010	-3.7978	40.0
4,6-Dinitro-2-methylphenol	0.102	0.113	0.010	10.8399	40.0
N-Nitrosodiphenylamine	0.580	0.584	0.050	0.7053	20.0
1,2,4,5-Tetrachlorobenzene	0.668	0.665	0.100	-0.3879	20.0
4-Bromophenyl-phenylether	0.224	0.233	0.070	3.903	20.0
Hexachlorobenzene	0.262	0.257	0.050	-1.7381	25.0
Atrazine	0.242	0.207	0.010	-14.1858	25.0
Pentachlorophenol	0.153	0.159	0.010	4.083	40.0
Phenanthrene	1.124	1.048	0.200	-6.7141	20.0
Pentachlorobenzene	0.300	0.324	0.050	7.9613	20.0
Anthracene	1.151	1.062	0.200	-7.767	20.0
1,2,3,4-Tetrachlorobenzene	0.286	0.342	0.050	19.6411	20.0
Carbazole	0.967	0.867	0.050	-10.3235	40.0
Di-n-butylphthalate	1.157	1.070	0.500	-7.4662	25.0
Fluoranthene	1.309	1.345	0.400	2.7907	25.0
Pyrene	1.410	1.435	0.400	1.7398	25.0
Butylbenzylphthalate	0.475	0.506	0.100	6.435	40.0
3,3-Dichlorobenzidine	0.437	0.430	0.010	-1.3886	40.0
Benzo(a)anthracene	1.452	1.389	0.300	-4.3394	30.0
Chrysene	1.376	1.324	0.200	-3.8028	30.0
Bis(2-ethylhexyl)phthalate	0.694	0.684	0.200	-1.417	40.0
Di-n-octyl phthalate	1.067	1.148	0.010	7.6684	40.0
Benzo(b)fluoranthene	1.208	1.120	0.200	-7.3061	25.0
Benzo(k)fluoranthene	1.220	1.182	0.200	-3.1124	25.0
Benzo(a)pyrene	1.139	1.076	0.200	-5.5714	20.0
Indeno(1,2,3-cd)pyrene	1.448	1.333	0.200	-7.896	25.0
Dibenzo(a,h)anthracene	1.173	1.108	0.200	-5.5539	30.0
Benzo(g,h,i)perylene	1.113	0.979	0.200	-12.0742	30.0
2,3,4,6-Tetrachlorophenol	0.388	0.382	0.040	-1.6248	20.0
1,4-Dioxane-d8	0.527	0.403	0.010	-23.556	25.0
Pyridine-d5	1.605	1.347	0.010	-16.0779	40.0
Phenol-d5	1.990	1.821	0.010	-8.4891	25.0
Bis-(2-Chloroethyl)ether-d8	1.253	1.075	0.050	-14.2453	25.0
2-Chlorophenol-d4	1.359	1.356	0.200	-0.2271	20.0
4-Methylphenol-d8	1.668	1.480	0.010	-11.2834	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG082324 SAS No.: BG082324 SDG No.: BG082324

Instrument ID: BNA_G Calibration Date/Time: 8/23/2024 12 15:54

Lab File ID: BG062568.D Init. Calib. Date(s):

EPA Sample No.: SSTD020474 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.128	0.159	0.050	23.7434	20.0
2-Nitrophenol-d4	0.128	0.175	0.050	36.8034	30.0
2,4-Dichlorophenol-d3	0.325	0.349	0.060	7.4224	20.0
4-Chloroaniline-d4	0.515	0.442	0.010	-14.1618	40.0
Dimethylphthalate-d6	1.556	1.369	0.300	-12.0049	20.0
Acenaphthylene-d8	1.723	1.612	0.400	-6.4355	20.0
4-Nitrophenol-d4	0.248	0.215	0.010	-13.2625	40.0
Fluorene-d10	1.403	1.235	0.100	-11.9796	20.0
4,6-Dinitro-2-methylphenol-d2	0.091	0.106	0.010	16.9493	40.0
Anthracene-d10	0.961	0.895	0.300	-6.8042	20.0
Pyrene-d10	1.171	1.181	0.300	0.8113	25.0
Benzo(a)pyrene-d12	1.061	1.020	0.010	-3.8772	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG082324 SAS No.: BG082324 SDG No.: BG082324

Instrument ID: BNA_G Calibration Date/Time: 8/23/2024 12 22:41

Lab File ID: BG062577.D Init. Calib. Date(s):

EPA Sample No.: SSTD020475 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	0.512	0.010	-8.9189	50.0
Benzaldehyde	1.031	1.169	0.010	13.3756	50.0
Pyridine	1.689	1.564	0.010	-7.3739	50.0
Phenol	2.088	2.032	0.080	-2.6855	50.0
Bis(2-Chloroethyl)ether	1.545	1.358	0.100	-12.0821	50.0
2-Chlorophenol	1.406	1.434	0.200	1.9901	50.0
2-Methylphenol	1.571	1.492	0.010	-5.0117	50.0
2,2-oxybis(1-Chloropropane)	3.189	2.812	0.010	-11.8114	50.0
Acetophenone	2.732	2.485	0.060	-9.0346	50.0
4-Methylphenol	1.799	1.755	0.010	-2.4498	50.0
N-Nitroso-di-n-propylamine	1.442	1.293	0.050	-10.3195	50.0
Hexachloroethane	0.559	0.544	0.100	-2.7136	50.0
Nitrobenzene	0.362	0.401	0.050	10.596	50.0
Isophorone	0.856	0.749	0.050	-12.4792	50.0
2-Nitrophenol	0.143	0.194	0.050	36.3978	50.0
2,4-Dimethylphenol	0.389	0.366	0.050	-5.7977	50.0
Bis(2-Chloroethoxy)methane	0.476	0.444	0.050	-6.8103	50.0
2,4-Dichlorophenol	0.334	0.356	0.060	6.5908	50.0
Naphthalene	1.160	1.077	0.200	-7.157	50.0
4-Chloroaniline	0.501	0.442	0.010	-11.8278	50.0
Hexachlorobutadiene	0.254	0.234	0.040	-7.5745	50.0
Caprolactam	0.135	0.128	0.010	-5.0353	50.0
4-Chloro-3-methylphenol	0.390	0.388	0.040	-0.7266	50.0
1-Methylnaphthalene	0.836	0.772	0.100	-7.689	50.0
2-Methylnaphthalene	0.819	0.768	0.100	-6.2197	50.0
Hexachlorocyclopentadiene	0.342	0.318	0.010	-7.2203	50.0
2,4,6-Trichlorophenol	0.384	0.427	0.090	11.0401	50.0
2,4,5-Trichlorophenol	0.403	0.451	0.100	11.8161	50.0
1,1-Biphenyl	1.515	1.478	0.200	-2.4671	50.0
2-Chloronaphthalene	1.172	1.155	0.300	-1.463	50.0
2-Nitroaniline	0.304	0.374	0.050	23.3194	50.0
Dimethylphthalate	1.577	1.410	0.300	-10.5943	50.0
2,6-Dinitrotoluene	0.225	0.285	0.080	26.7093	50.0
Acenaphthylene	1.844	1.721	0.400	-6.6881	50.0
3-Nitroaniline	0.257	0.270	0.010	5.1682	50.0
Acenaphthene	1.380	1.274	0.200	-7.6707	50.0
2,4-Dinitrophenol	0.142	0.155	0.010	8.9025	50.0
4-Nitrophenol	0.213	0.186	0.010	-12.511	50.0
Dibenzofuran	1.942	1.781	0.300	-8.2599	50.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG082324 SAS No.: BG082324 SDG No.: BG082324

Instrument ID: BNA_G Calibration Date/Time: 8/23/2024 12 22:41

Lab File ID: BG062577.D Init. Calib. Date(s):

EPA Sample No.: SSTD020475 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	0.398	0.070	16.1438	50.0
Diethylphthalate	1.574	1.354	0.300	-13.9532	50.0
Fluorene	1.530	1.338	0.200	-12.5588	50.0
4-Chlorophenyl-phenylether	0.786	0.705	0.100	-10.34	50.0
4-Nitroaniline	0.268	0.258	0.010	-3.9628	50.0
4,6-Dinitro-2-methylphenol	0.102	0.123	0.010	20.2617	50.0
N-Nitrosodiphenylamine	0.580	0.590	0.050	1.7159	50.0
1,2,4,5-Tetrachlorobenzene	0.668	0.659	0.100	-1.2967	50.0
4-Bromophenyl-phenylether	0.224	0.236	0.070	5.1588	50.0
Hexachlorobenzene	0.262	0.260	0.050	-0.4729	50.0
Atrazine	0.242	0.216	0.010	-10.8477	50.0
Pentachlorophenol	0.153	0.163	0.010	6.597	50.0
Phenanthrene	1.124	1.039	0.200	-7.5318	50.0
Pentachlorobenzene	0.300	0.326	0.050	8.8431	50.0
Anthracene	1.151	1.059	0.200	-7.9675	50.0
1,2,3,4-Tetrachlorobenzene	0.286	0.336	0.050	17.4585	50.0
Carbazole	0.967	0.869	0.050	-10.1028	50.0
Di-n-butylphthalate	1.157	1.085	0.500	-6.1894	50.0
Fluoranthene	1.309	1.306	0.400	-0.1866	50.0
Pyrene	1.410	1.363	0.400	-3.3545	50.0
Butylbenzylphthalate	0.475	0.491	0.100	3.3911	50.0
3,3-Dichlorobenzidine	0.437	0.440	0.010	0.8205	50.0
Benzo(a)anthracene	1.452	1.362	0.300	-6.2087	50.0
Chrysene	1.376	1.308	0.200	-4.9341	50.0
Bis(2-ethylhexyl)phthalate	0.694	0.706	0.200	1.74	50.0
Di-n-octyl phthalate	1.067	1.121	0.010	5.051	50.0
Benzo(b)fluoranthene	1.208	1.153	0.200	-4.5337	50.0
Benzo(k)fluoranthene	1.220	1.167	0.200	-4.3292	50.0
Benzo(a)pyrene	1.139	1.092	0.200	-4.1235	50.0
Indeno(1,2,3-cd)pyrene	1.448	1.309	0.200	-9.6039	50.0
Dibenzo(a,h)anthracene	1.173	1.068	0.200	-8.9888	50.0
Benzo(g,h,i)perylene	1.113	0.903	0.200	-18.8922	50.0
2,3,4,6-Tetrachlorophenol	0.388	0.393	0.040	1.3902	50.0
1,4-Dioxane-d8	0.527	0.430	0.010	-18.2899	50.0
Pyridine-d5	1.605	1.525	0.010	-5.0159	50.0
Phenol-d5	1.990	1.961	0.010	-1.4186	50.0
Bis-(2-Chloroethyl)ether-d8	1.253	1.092	0.050	-12.8763	50.0
2-Chlorophenol-d4	1.359	1.377	0.200	1.3495	50.0
4-Methylphenol-d8	1.668	1.638	0.010	-1.7915	50.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG082324 SAS No.: BG082324 SDG No.: BG082324

Instrument ID: BNA_G Calibration Date/Time: 8/23/2024 12 22:41

Lab File ID: BG062577.D Init. Calib. Date(s):

EPA Sample No.: SSTD020475 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.128	0.157	0.050	22.0909	50.0
2-Nitrophenol-d4	0.128	0.179	0.050	40.2606	50.0
2,4-Dichlorophenol-d3	0.325	0.350	0.060	7.6448	50.0
4-Chloroaniline-d4	0.515	0.452	0.010	-12.2663	50.0
Dimethylphthalate-d6	1.556	1.394	0.300	-10.3852	50.0
Acenaphthylene-d8	1.723	1.616	0.400	-6.1747	50.0
4-Nitrophenol-d4	0.248	0.219	0.010	-11.6713	50.0
Fluorene-d10	1.403	1.253	0.100	-10.6782	50.0
4,6-Dinitro-2-methylphenol-d2	0.091	0.112	0.010	22.8019	50.0
Anthracene-d10	0.961	0.889	0.300	-7.4233	50.0
Pyrene-d10	1.171	1.145	0.300	-2.2072	50.0
Benzo(a)pyrene-d12	1.061	1.027	0.010	-3.2172	50.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	8/22/2024 12:00:00 AM
Project:				Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	SBLK928			SDG No.:	BG082324
Lab Sample ID:	PB162928BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062562.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	58	U	58	82.5	330	ug/Kg
110-86-1	Pyridine	77	U	77	170	330	ug/Kg
108-95-2	Phenol	30	U	30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	29	U	29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	31	U	31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	82.5	330	ug/Kg
98-86-2	Acetophenone	66	U	66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	53	U	53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	79	U	79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	61	U	61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	64	U	64	42.5	170	ug/Kg
78-59-1	Isophorone	66	U	66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	42.5	170	ug/Kg
91-20-3	Naphthalene	24	U	24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	42.5	170	ug/Kg
105-60-2	Caprolactam	64	U	64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	24	U	24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33	U	33	42.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/22/2024 12:00:00 AM
Project:				Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	SBLK928			SDG No.:	BG082324
Lab Sample ID:	PB162928BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062562.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	20	U	20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	29	U	29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	66	U	66	82.5	330	ug/Kg
83-32-9	Acenaphthene	26	U	26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	27	U	27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	33	U	33	42.5	170	ug/Kg
86-73-7	Fluorene	27	U	27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	24	U	24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38	U	38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	24	U	24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	26	U	26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	28	U	28	42.5	170	ug/Kg
1912-24-9	Atrazine	28	U	28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	82.5	330	ug/Kg
85-01-8	Phenanthrene	27	U	27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	42.5	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	42.5	170	ug/Kg
86-74-8	Carbazole	34	U	34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	27	U	27	42.5	170	ug/Kg
206-44-0	Fluoranthene	19	U	19	82.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/22/2024 12:00:00 AM
Project:				Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	SBLK928			SDG No.:	BG082324
Lab Sample ID:	PB162928BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062562.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.363		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	21.074		20-120		53	SPK: -40
4165-62-2	Phenol-d5	22.33		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.746		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.494		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	21.58		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	29.672		10-135		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.69		10-120		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.359		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.282		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.986		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	22.62		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.177		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	22.614		20-140		57	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/22/2024 12:00:00 AM
Project:				Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	SBLK928			SDG No.:	BG082324
Lab Sample ID:	PB162928BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062562.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.104		10-130		63	SPK: -40
1719-06-8	Anthracene-d10	24.077		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	26.062		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.917		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78316	7.936				
1146-65-2	Naphthalene-d8	336188	10.726				
15067-26-2	Acenaphthene-d10	269918	14.556				
1517-22-2	Phenanthrene-d10	569610	17.305				
1719-03-5	Chrysene-d12	501179	21.547				
1520-96-3	Perylene-d12	560277	24.637				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCN87			SDG No.:	BG082324
Lab Sample ID:	P3696-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	8.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062563.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	7.2	73	ug/Kg
100-52-7	Benzaldehyde	63	U	63	90	360	ug/Kg
110-86-1	Pyridine	84	U	84	180	360	ug/Kg
108-95-2	Phenol	33	U	33	90	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	90	360	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	46.3	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	90	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44	U	44	90	360	ug/Kg
98-86-2	Acetophenone	72	U	72	90	360	ug/Kg
106-44-5	4-Methylphenol	58	U	58	90	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	86	U	86	46.3	190	ug/Kg
67-72-1	Hexachloroethane	67	U	67	46.3	190	ug/Kg
98-95-3	Nitrobenzene	70	U	70	46.3	190	ug/Kg
78-59-1	Isophorone	72	U	72	46.3	190	ug/Kg
88-75-5	2-Nitrophenol	65	U	65	46.3	190	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	46.3	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	46.3	190	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	46.3	190	ug/Kg
91-20-3	Naphthalene	26	U	26	46.3	190	ug/Kg
106-47-8	4-Chloroaniline	39	U	39	46.3	360	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	46.3	190	ug/Kg
105-60-2	Caprolactam	70	U	70	90	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	46.3	190	ug/Kg
90-12-0	1-Methylnaphthalene	170	J	26	46.3	190	ug/Kg
91-57-6	2-Methylnaphthalene	200		35	46.3	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	90	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26	U	26	46.3	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	36	U	36	46.3	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCN87			SDG No.:	BG082324
Lab Sample ID:	P3696-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	8.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062563.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	46.3	190	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	46.3	190	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	46.3	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	46.3	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	46.3	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	46.3	190	ug/Kg
99-09-2	3-Nitroaniline	72	U	72	90	360	ug/Kg
83-32-9	Acenaphthene	28	U	28	46.3	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	90	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	90	360	ug/Kg
132-64-9	Dibenzofuran	29	U	29	46.3	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	38	U	38	46.3	190	ug/Kg
84-66-2	Diethylphthalate	36	U	36	46.3	190	ug/Kg
86-73-7	Fluorene	29	U	29	46.3	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.3	190	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	90	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	41	U	41	90	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	46.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	46.3	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	46.3	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	46.3	190	ug/Kg
1912-24-9	Atrazine	31	U	31	90	360	ug/Kg
87-86-5	Pentachlorophenol	74000	E	96	90	360	ug/Kg
85-01-8	Phenanthrene	350		29	46.3	190	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	46.3	190	ug/Kg
120-12-7	Anthracene	27	U	27	46.3	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	46.3	190	ug/Kg
86-74-8	Carbazole	37	U	37	90	360	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	46.3	190	ug/Kg
206-44-0	Fluoranthene	260		21	90	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCN87			SDG No.:	BG082324
Lab Sample ID:	P3696-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	8.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062563.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	970		20	46.3	190	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	46.3	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	90	360	ug/Kg
56-55-3	Benzo(a)anthracene	74	J	25	46.3	190	ug/Kg
218-01-9	Chrysene	380		26	46.3	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	27	U	27	46.3	190	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	90	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	46.3	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	46.3	190	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	46.3	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	46.3	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	46.3	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	46.3	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		39	46.3	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.616		15-120		20	SPK: -8
7291-22-7	Pyridine-d5	0.529	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	10.897		10-130		27	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.85		10-150		27	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.443		15-120		31	SPK: -40
190780-66-6	4-Methylphenol-d8	11.732		10-140		29	SPK: -40
4165-60-0	Nitrobenzene-d5	14.999		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.517		10-120		41	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.466		10-140		34	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.009		1-145		10	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.994		10-145		32	SPK: -40
93951-97-4	Acenaphthylene-d8	13.64		15-120		34	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.062		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	13.448		20-140		34	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCN87			SDG No.:	BG082324
Lab Sample ID:	P3696-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	8.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062563.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.817		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	14.011		10-150		35	SPK: -40
1718-52-1	Pyrene-d10	10.802		10-130		27	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	8.322		10-140		21	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87548	7.934				
1146-65-2	Naphthalene-d8	397795	10.731				
15067-26-2	Acenaphthene-d10	245549	14.567				
1517-22-2	Phenanthrene-d10	402060	17.334				
1719-03-5	Chrysene-d12	436998	21.563				
1520-96-3	Perylene-d12	505902	24.653				
TENTATIVE IDENTIFIED COMPOUNDS							
004810-04-2	Benzene, 1,3,5-trimethyl-2-propyl-	120	J			11.142	
	(DEL) Alkane: Cyclic11.230	130	J			11.23	
	(DEL) Alkane: Cyclic11.412	130	J			11.412	
	unknown-01	210	J			11.447	
	unknown-02	110	J			11.506	
	unknown-03	240	J			11.577	
	unknown-04	290	J			11.653	
	(DEL) Alkane: Straight-Chain11.765	910	J			11.765	
004175-53-5	1H-Indene, 2,3-dihydro-1,3-dimethy	180	J			11.841	
055669-88-0	Benzene, 1,4-dimethyl-2-(2-methylp	170	J			11.947	
193090-16-3	1-Isobutyl-3-methylbutyl methylpho	120	J			12.023	
	(DEL) Alkane: Straight-Chain12.158	1000	J			12.158	
	unknown-05	190	J			12.252	
	(DEL) Alkane: Cyclic12.293	110	J			12.293	
	unknown-06	230	J			12.517	
	(DEL) Alkane: Straight-Chain12.975	140	J			12.975	
	(DEL) Alkane: Straight-Chain13.057	180	J			13.057	

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCN87			SDG No.:	BG082324
Lab Sample ID:	P3696-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	8.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062563.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain13.116	570	J			13.116	
	(DEL) Alkane: Straight-Chain13.403	1200	J			13.403	
	(DEL) Alkane: Straight-Chain13.492	180	J			13.492	
000575-43-9	Naphthalene, 1,6-dimethyl-	170	J			13.727	
	(DEL) Alkane: Straight-Chain13.797	110	J			13.797	
019218-94-1	Tetradecane, 1-iodo-	1100	J			14.062	
073105-67-6	1-Iodo-2-methylundecane	480	J			14.103	
	(DEL) Alkane: Straight-Chain14.179	180	J			14.179	
000506-52-5	1-Hexacosanol	340	J			14.414	
	(DEL) Alkane: Straight-Chain14.484	2000	J			14.484	
	(DEL) Alkane: Straight-Chain14.919	270	J			14.919	
	(DEL) Alkane: Straight-Chain14.978	580	J			14.978	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	330	J			15.037	
	(DEL) Alkane: Straight-Chain15.101	820	J			15.101	
	(DEL) Alkane: Straight-Chain15.442	1400	J			15.442	
	(DEL) Alkane: Straight-Chain15.847	1900	J			15.847	
1000383-71-7	1,6-Dimethyl-4-ethylnaphthalene (N	590	J			15.935	
004276-49-7	1-Bromoeicosane	1000	J			15.994	
	(DEL) Alkane: Straight-Chain16.053	980	J			16.053	
	(DEL) Alkane: Straight-Chain16.182	410	J			16.182	
	(DEL) Alkane: Straight-Chain16.305	3800	J			16.305	
	(DEL) Alkane: Straight-Chain16.335	2700	J			16.335	
	(DEL) Alkane: Straight-Chain16.652	410	J			16.652	
	(DEL) Alkane: Straight-Chain17.099	2800	J			17.099	
	(DEL) Alkane: Straight-Chain17.157	3800	J			17.157	
	(DEL) Alkane: Straight-Chain17.745	820	J			17.745	
	(DEL) Alkane: Straight-Chain17.833	2700	J			17.833	
	(DEL) Alkane: Straight-Chain18.520	2100	J			18.52	
001576-67-6	Phenanthrene, 3,6-dimethyl-	810	J			19.037	
004292-19-7	Dodecane, 1-iodo-	770	J			19.143	

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCN87			SDG No.:	BG082324
Lab Sample ID:	P3696-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	8.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062563.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
074630-83-4	1-Propene-2-thiol, 1,1-diphenyl-	330	J			19.307	
003674-73-5	Phenanthrene, 2,3,5-trimethyl-	1900	J			19.813	
	(DEL) Alkane: Straight-Chain20.241	940	J			20.241	
003442-78-2	Pyrene, 2-methyl-	820	J			20.382	
	(DEL) Alkane: Straight-Chain20.729	720	J			20.729	
1000382-54-5	Carbonic acid, tetradecyl vinyl es	440	J			21.222	
003808-87-5	2,4,5-Trichlorophenyl disulfide	370	J			26.821	
E966796	Total Alkanes	34000				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCN87MS			SDG No.:	BG082324
Lab Sample ID:	P3696-02MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	8.3
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062564.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	180		29	7.2	73	ug/Kg
100-52-7	Benzaldehyde	610		63	89.9	360	ug/Kg
110-86-1	Pyridine	100	J	84	180	360	ug/Kg
108-95-2	Phenol	550		33	89.9	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	510		32	89.9	360	ug/Kg
95-57-8	2-Chlorophenol	600		31	46.3	190	ug/Kg
95-48-7	2-Methylphenol	580		34	89.9	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	570		44	89.9	360	ug/Kg
98-86-2	Acetophenone	570		72	89.9	360	ug/Kg
106-44-5	4-Methylphenol	560		58	89.9	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	540		86	46.3	190	ug/Kg
67-72-1	Hexachloroethane	460		66	46.3	190	ug/Kg
98-95-3	Nitrobenzene	700		70	46.3	190	ug/Kg
78-59-1	Isophorone	570		72	46.3	190	ug/Kg
88-75-5	2-Nitrophenol	820		65	46.3	190	ug/Kg
105-67-9	2,4-Dimethylphenol	580		35	46.3	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	580		49	46.3	190	ug/Kg
120-83-2	2,4-Dichlorophenol	660		41	46.3	190	ug/Kg
91-20-3	Naphthalene	610		26	46.3	190	ug/Kg
106-47-8	4-Chloroaniline	240	J	39	46.3	360	ug/Kg
87-68-3	Hexachlorobutadiene	650		38	46.3	190	ug/Kg
105-60-2	Caprolactam	480		70	89.9	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	590		45	46.3	190	ug/Kg
90-12-0	1-Methylnaphthalene	770		26	46.3	190	ug/Kg
91-57-6	2-Methylnaphthalene	820		35	46.3	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	610		110	89.9	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	760		26	46.3	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	760		36	46.3	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCN87MS			SDG No.:	BG082324
Lab Sample ID:	P3696-02MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	8.3
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062564.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	650		28	46.3	190	ug/Kg
91-58-7	2-Chloronaphthalene	680		36	46.3	190	ug/Kg
88-74-4	2-Nitroaniline	1000		49	46.3	190	ug/Kg
131-11-3	Dimethylphthalate	620		33	46.3	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	870		22	46.3	190	ug/Kg
208-96-8	Acenaphthylene	640		32	46.3	190	ug/Kg
99-09-2	3-Nitroaniline	420		72	89.9	360	ug/Kg
83-32-9	Acenaphthene	660		28	46.3	190	ug/Kg
51-28-5	2,4-Dinitrophenol	790		140	89.9	360	ug/Kg
100-02-7	4-Nitrophenol	660		48	89.9	360	ug/Kg
132-64-9	Dibenzofuran	610		29	46.3	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	630		38	46.3	190	ug/Kg
84-66-2	Diethylphthalate	560		36	46.3	190	ug/Kg
86-73-7	Fluorene	630		29	46.3	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	540		22	46.3	190	ug/Kg
100-01-6	4-Nitroaniline	480		26	89.9	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	920		41	89.9	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2000		26	46.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	690		37	46.3	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	670		28	46.3	190	ug/Kg
118-74-1	Hexachlorobenzene	470		31	46.3	190	ug/Kg
1912-24-9	Atrazine	480		31	89.9	360	ug/Kg
87-86-5	Pentachlorophenol	95000	E	96	89.9	360	ug/Kg
85-01-8	Phenanthrene	1100		29	46.3	190	ug/Kg
608-93-5	Pentachlorobenzene	710		40	46.3	190	ug/Kg
120-12-7	Anthracene	680		27	46.3	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	910		19	46.3	190	ug/Kg
86-74-8	Carbazole	520		37	89.9	360	ug/Kg
84-74-2	Di-n-butylphthalate	690		29	46.3	190	ug/Kg
206-44-0	Fluoranthene	920		21	89.9	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCN87MS			SDG No.:	BG082324
Lab Sample ID:	P3696-02MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	8.3
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062564.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600		20	46.3	190	ug/Kg
85-68-7	Butylbenzylphthalate	730		24	46.3	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	89.9	360	ug/Kg
56-55-3	Benzo(a)anthracene	740		25	46.3	190	ug/Kg
218-01-9	Chrysene	1100		26	46.3	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	790		27	46.3	190	ug/Kg
117-84-0	Di-n-octyl phthalate	770		52	89.9	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	670		40	46.3	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	620		41	46.3	190	ug/Kg
50-32-8	Benzo(a)pyrene	300		34	46.3	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	470		31	46.3	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	680		28	46.3	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	67	J	35	46.3	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2800		39	46.3	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.074		15-120		26	SPK: -8
7291-22-7	Pyridine-d5	1.002	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	14.86		10-130		37	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.293		10-150		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.536		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	15.948		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	21.328		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.966		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.128		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.849		1-145		17	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.878		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	17.731		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.465		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	14.885		20-140		37	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCN87MS			SDG No.:	BG082324
Lab Sample ID:	P3696-02MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	8.3
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062564.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.49		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	18.567		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	13.39		10-130		33	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	10.704		10-140		27	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75853	7.938				
1146-65-2	Naphthalene-d8	335952	10.734				
15067-26-2	Acenaphthene-d10	204391	14.57				
1517-22-2	Phenanthrene-d10	330215	17.343				
1719-03-5	Chrysene-d12	363301	21.567				
1520-96-3	Perylene-d12	420137	24.662				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	28	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCN87MSD			SDG No.:	BG082324
Lab Sample ID:	P3696-03MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	8.3
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062565.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	190		29	7.2	73	ug/Kg
100-52-7	Benzaldehyde	630		63	89.9	360	ug/Kg
110-86-1	Pyridine	110	J	84	180	360	ug/Kg
108-95-2	Phenol	560		33	89.9	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	520		32	89.9	360	ug/Kg
95-57-8	2-Chlorophenol	600		31	46.3	190	ug/Kg
95-48-7	2-Methylphenol	580		34	89.9	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	550		44	89.9	360	ug/Kg
98-86-2	Acetophenone	570		72	89.9	360	ug/Kg
106-44-5	4-Methylphenol	550		58	89.9	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	520		86	46.3	190	ug/Kg
67-72-1	Hexachloroethane	480		66	46.3	190	ug/Kg
98-95-3	Nitrobenzene	670		70	46.3	190	ug/Kg
78-59-1	Isophorone	560		72	46.3	190	ug/Kg
88-75-5	2-Nitrophenol	820		65	46.3	190	ug/Kg
105-67-9	2,4-Dimethylphenol	590		35	46.3	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	580		49	46.3	190	ug/Kg
120-83-2	2,4-Dichlorophenol	660		41	46.3	190	ug/Kg
91-20-3	Naphthalene	600		26	46.3	190	ug/Kg
106-47-8	4-Chloroaniline	230	J	39	46.3	360	ug/Kg
87-68-3	Hexachlorobutadiene	640		38	46.3	190	ug/Kg
105-60-2	Caprolactam	500		70	89.9	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	590		45	46.3	190	ug/Kg
90-12-0	1-Methylnaphthalene	780		26	46.3	190	ug/Kg
91-57-6	2-Methylnaphthalene	830		35	46.3	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	580		110	89.9	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	780		26	46.3	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	800		36	46.3	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCN87MSD			SDG No.:	BG082324
Lab Sample ID:	P3696-03MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	8.3
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062565.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	650		28	46.3	190	ug/Kg
91-58-7	2-Chloronaphthalene	690		36	46.3	190	ug/Kg
88-74-4	2-Nitroaniline	970		49	46.3	190	ug/Kg
131-11-3	Dimethylphthalate	620		33	46.3	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	940		22	46.3	190	ug/Kg
208-96-8	Acenaphthylene	660		32	46.3	190	ug/Kg
99-09-2	3-Nitroaniline	450		72	89.9	360	ug/Kg
83-32-9	Acenaphthene	680		28	46.3	190	ug/Kg
51-28-5	2,4-Dinitrophenol	820		140	89.9	360	ug/Kg
100-02-7	4-Nitrophenol	970		48	89.9	360	ug/Kg
132-64-9	Dibenzofuran	630		29	46.3	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	670		38	46.3	190	ug/Kg
84-66-2	Diethylphthalate	560		36	46.3	190	ug/Kg
86-73-7	Fluorene	640		29	46.3	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	540		22	46.3	190	ug/Kg
100-01-6	4-Nitroaniline	520		26	89.9	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	970		41	89.9	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2200		26	46.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	710		37	46.3	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	680		28	46.3	190	ug/Kg
118-74-1	Hexachlorobenzene	460		31	46.3	190	ug/Kg
1912-24-9	Atrazine	450		31	89.9	360	ug/Kg
87-86-5	Pentachlorophenol	96000	E	96	89.9	360	ug/Kg
85-01-8	Phenanthrene	1100		29	46.3	190	ug/Kg
608-93-5	Pentachlorobenzene	710		40	46.3	190	ug/Kg
120-12-7	Anthracene	700		27	46.3	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	890		19	46.3	190	ug/Kg
86-74-8	Carbazole	520		37	89.9	360	ug/Kg
84-74-2	Di-n-butylphthalate	690		29	46.3	190	ug/Kg
206-44-0	Fluoranthene	920		21	89.9	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCN87MSD			SDG No.:	BG082324
Lab Sample ID:	P3696-03MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	8.3
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062565.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600		20	46.3	190	ug/Kg
85-68-7	Butylbenzylphthalate	770		24	46.3	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	89.9	360	ug/Kg
56-55-3	Benzo(a)anthracene	760		25	46.3	190	ug/Kg
218-01-9	Chrysene	1100		26	46.3	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	800		27	46.3	190	ug/Kg
117-84-0	Di-n-octyl phthalate	770		52	89.9	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	680		40	46.3	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	650		41	46.3	190	ug/Kg
50-32-8	Benzo(a)pyrene	300		34	46.3	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	470		31	46.3	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	690		28	46.3	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	65	J	35	46.3	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2900		39	46.3	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.134		15-120		27	SPK: -8
7291-22-7	Pyridine-d5	0.878	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	15.198		10-130		38	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.203		10-150		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.044		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	15.871		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	21.044		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.583		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.258		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.756		1-145		17	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.155		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	18.006		15-120		45	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.157		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	16.368		20-140		41	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCN87MSD			SDG No.:	BG082324
Lab Sample ID:	P3696-03MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	8.3
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062565.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.539		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	18.717		10-150		47	SPK: -40
1718-52-1	Pyrene-d10	13.698		10-130		34	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.001		10-140		28	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73102	7.938				
1146-65-2	Naphthalene-d8	333796	10.734				
15067-26-2	Acenaphthene-d10	200300	14.57				
1517-22-2	Phenanthrene-d10	331239	17.342				
1719-03-5	Chrysene-d12	352314	21.566				
1520-96-3	Perylene-d12	417389	24.662				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	28	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCN88			SDG No.:	BG082324
Lab Sample ID:	P3696-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.4
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062566.D	10	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	300	U	300	73.7	740	ug/Kg
110-86-1	Pyridine	860	U	860	1800	3700	ug/Kg
100-52-7	Benzaldehyde	650	U	650	920	3700	ug/Kg
108-95-2	Phenol	330	U	330	920	3700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	320	U	320	920	3700	ug/Kg
95-57-8	2-Chlorophenol	310	U	310	470	1900	ug/Kg
95-48-7	2-Methylphenol	350	U	350	920	3700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	450	U	450	920	3700	ug/Kg
98-86-2	Acetophenone	740	U	740	920	3700	ug/Kg
106-44-5	4-Methylphenol	590	U	590	920	3700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	880	U	880	470	1900	ug/Kg
67-72-1	Hexachloroethane	680	U	680	470	1900	ug/Kg
98-95-3	Nitrobenzene	710	U	710	470	1900	ug/Kg
78-59-1	Isophorone	990	JD	740	470	1900	ug/Kg
88-75-5	2-Nitrophenol	670	U	670	470	1900	ug/Kg
105-67-9	2,4-Dimethylphenol	360	U	360	470	1900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	500	U	500	470	1900	ug/Kg
120-83-2	2,4-Dichlorophenol	420	U	420	470	1900	ug/Kg
91-20-3	Naphthalene	270	U	270	470	1900	ug/Kg
106-47-8	4-Chloroaniline	400	U	400	470	3700	ug/Kg
87-68-3	Hexachlorobutadiene	390	U	390	470	1900	ug/Kg
105-60-2	Caprolactam	710	U	710	920	3700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	460	U	460	470	1900	ug/Kg
90-12-0	1-Methylnaphthalene	4100	D	270	470	1900	ug/Kg
91-57-6	2-Methylnaphthalene	1700	JD	360	470	1900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1100	U	1100	920	3700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	270	U	270	470	1900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	370	U	370	470	1900	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCN88			SDG No.:	BG082324
Lab Sample ID:	P3696-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.4
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062566.D	10	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	290	U	290	470	1900	ug/Kg
91-58-7	2-Chloronaphthalene	370	U	370	470	1900	ug/Kg
88-74-4	2-Nitroaniline	500	U	500	470	1900	ug/Kg
131-11-3	Dimethylphthalate	330	U	330	470	1900	ug/Kg
606-20-2	2,6-Dinitrotoluene	220	U	220	470	1900	ug/Kg
208-96-8	Acenaphthylene	320	U	320	470	1900	ug/Kg
99-09-2	3-Nitroaniline	740	U	740	920	3700	ug/Kg
83-32-9	Acenaphthene	1700	JD	290	470	1900	ug/Kg
51-28-5	2,4-Dinitrophenol	1500	U	1500	920	3700	ug/Kg
100-02-7	4-Nitrophenol	490	U	490	920	3700	ug/Kg
132-64-9	Dibenzofuran	300	U	300	470	1900	ug/Kg
121-14-2	2,4-Dinitrotoluene	390	U	390	470	1900	ug/Kg
84-66-2	Diethylphthalate	370	U	370	470	1900	ug/Kg
86-73-7	Fluorene	300	U	300	470	1900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	220	U	220	470	1900	ug/Kg
100-01-6	4-Nitroaniline	270	U	270	920	3700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	420	U	420	920	3700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	270	U	270	470	1900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	380	U	380	470	1900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	290	U	290	470	1900	ug/Kg
118-74-1	Hexachlorobenzene	310	U	310	470	1900	ug/Kg
1912-24-9	Atrazine	310	U	310	920	3700	ug/Kg
87-86-5	Pentachlorophenol	1200000	ED	980	920	3700	ug/Kg
85-01-8	Phenanthrene	21000	D	300	470	1900	ug/Kg
608-93-5	Pentachlorobenzene	410	U	410	470	1900	ug/Kg
120-12-7	Anthracene	280	U	280	470	1900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	190	U	190	470	1900	ug/Kg
86-74-8	Carbazole	380	U	380	920	3700	ug/Kg
84-74-2	Di-n-butylphthalate	300	U	300	470	1900	ug/Kg
206-44-0	Fluoranthene	210	U	210	920	1900	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCN88			SDG No.:	BG082324
Lab Sample ID:	P3696-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.4
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062566.D	10	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2600	D	200	470	1900	ug/Kg
85-68-7	Butylbenzylphthalate	250	U	250	470	1900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	580	U	580	920	3700	ug/Kg
56-55-3	Benzo(a)anthracene	260	U	260	470	1900	ug/Kg
218-01-9	Chrysene	270	U	270	470	1900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3400	D	280	470	1900	ug/Kg
117-84-0	Di-n-octyl phthalate	540	U	540	920	3700	ug/Kg
205-99-2	Benzo(b)fluoranthene	410	U	410	470	1900	ug/Kg
207-08-9	Benzo(k)fluoranthene	420	U	420	470	1900	ug/Kg
50-32-8	Benzo(a)pyrene	350	U	350	470	1900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	310	U	310	470	1900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	290	U	290	470	1900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	360	U	360	470	1900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47000	ED	400	470	1900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.89	*	15-120		11	SPK: -8
7291-22-7	Pyridine-d5	9.3		20-120		23	SPK: -40
4165-62-2	Phenol-d5	20.22		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.25		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.13		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	22.22		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	27.64		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.02		10-120		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.66		1-145		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.73		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	26		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	43.72		10-150		109	SPK: -40
81103-79-9	Fluorene-d10	30.68		20-140		77	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCN88			SDG No.:	BG082324
Lab Sample ID:	P3696-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.4
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062566.D	10	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	40.21		10-130		101	SPK: -40
1719-06-8	Anthracene-d10	27.83		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	21.38		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.28		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53927	7.938				
1146-65-2	Naphthalene-d8	251467	10.734				
15067-26-2	Acenaphthene-d10	167749	14.564				
1517-22-2	Phenanthrene-d10	286135	17.343				
1719-03-5	Chrysene-d12	290011	21.567				
1520-96-3	Perylene-d12	334455	24.657				
TENTATIVE IDENTIFIED COMPOUNDS							
000107-92-6	Butanoic acid	1700	JD			4.037	
000104-76-7	1-Hexanol, 2-ethyl-	9200	JD			8.003	
	(DEL) Alkane: Straight-Chain9.166	1500	JD			9.166	
	unknown-01	1500	JD			10.229	
	(DEL) Alkane: Straight-Chain10.899	1100	JD			10.899	
1000484-18-2	1,3-Hexanediol, 2-ethyl- (isomer 1	2200	JD			10.934	
000094-96-2	1,3-Hexanediol, 2-ethyl-	4000	JD			11.028	
1000309-38-7	Oxalic acid, 2-ethylhexyl pentyl e	3900	JD			11.24	
	unknown-02	2900	JD			11.428	
	unknown-03	960	JD			11.504	
	(DEL) Alkane: Straight-Chain11.574	1400	JD			11.574	
001685-82-1	1H-Indene, 2,3-dihydro-4,6-dimethy	2600	JD			11.651	
	(DEL) Alkane: Straight-Chain11.762	3600	JD			11.762	
017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimethy	1300	JD			11.839	
1000330-50-5	1,2-Benzenediol, O-(4-ethylbenzoyl	1400	JD			11.991	
	(DEL) Alkane: Straight-Chain12.156	9700	JD			12.156	
	unknown-04	1200	JD			12.25	

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCN88			SDG No.:	BG082324
Lab Sample ID:	P3696-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.4
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062566.D	10	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000382-90-8	Carbonic acid, prop-1-en-2-yl trid	2300	JD			12.796	
004282-44-4	1-Iodoundecane	1800	JD			12.967	
	(DEL) Alkane: Straight-Chain13.055	1300	JD			13.055	
	(DEL) Alkane: Straight-Chain13.113	4000	JD			13.113	
	unknown-05	1400	JD			13.249	
	(DEL) Alkane: Straight-Chain13.401	15000	JD			13.401	
006682-06-0	1H-Indene, 2,3-dihydro-4,5,7-trime	2400	JD			13.495	
000575-43-9	Naphthalene, 1,6-dimethyl-	9400	JD			13.736	
000573-98-8	Naphthalene, 1,2-dimethyl-	12000	JD			13.895	
	(DEL) Alkane: Straight-Chain14.059	10000	JD			14.059	
	(DEL) Alkane: Straight-Chain14.095	2000	JD			14.095	
	(DEL) Alkane: Straight-Chain14.171	3300	JD			14.171	
	(DEL) Alkane: Straight-Chain14.482	48000	JD			14.482	
002027-17-0	Naphthalene, 2-(1-methylethyl)-	5800	JD			14.864	
	(DEL) Alkane: Straight-Chain14.935	10000	JD			14.935	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	14000	JD			14.976	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	13000	JD			15.046	
	(DEL) Alkane: Straight-Chain15.093	12000	JD			15.093	
007425-14-1	2-Ethylhexyl 2-ethylhexanoate	8300	JD			15.405	
	(DEL) Alkane: Straight-Chain15.434	44000	JD			15.434	
	(DEL) Alkane: Straight-Chain15.487	5100	JD			15.487	
	(DEL) Alkane: Straight-Chain15.839	25000	JD			15.839	
	(DEL) Alkane: Straight-Chain15.927	11000	JD			15.927	
	(DEL) Alkane: Straight-Chain15.986	11000	JD			15.986	
1000309-18-0	Sulfurous acid, butyl tridecyl est	13000	JD			16.051	
003031-15-0	Naphthalene, 1,2,3,4-tetramethyl-	4000	JD			16.133	
	(DEL) Alkane: Straight-Chain16.303	63000	JD			16.303	
	(DEL) Alkane: Straight-Chain16.656	6400	JD			16.656	
	(DEL) Alkane: Straight-Chain16.714	7000	JD			16.714	
	(DEL) Alkane: Straight-Chain16.767	4500	JD			16.767	

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCN88			SDG No.:	BG082324
Lab Sample ID:	P3696-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.4
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062566.D	10	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain16.808	6900	JD			16.808	
	(DEL) Alkane: Straight-Chain16.873	10000	JD			16.873	
	(DEL) Alkane: Straight-Chain17.149	45000	JD			17.149	
	(DEL) Alkane: Straight-Chain17.513	3200	JD			17.513	
073105-67-6	1-Iodo-2-methylundecane	9100	JD			17.56	
1000309-17-9	Sulfurous acid, butyl dodecyl este	12000	JD			17.625	
	(DEL) Alkane: Straight-Chain17.748	8000	JD			17.748	
	(DEL) Alkane: Straight-Chain17.836	51000	JD			17.836	
031317-07-4	1-Methyldibenzothiophene	14000	JD			17.913	
000832-69-9	Phenanthrene, 1-methyl-	10000	JD			18.212	
000832-71-3	Phenanthrene, 3-methyl-	12000	JD			18.265	
	(DEL) Alkane: Straight-Chain18.524	44000	JD			18.524	
016587-34-1	Naphtho[2,3-b]thiophene, 4,9-dimet	6100	JD			18.917	
	(DEL) Alkane: Straight-Chain19.152	40000	JD			19.152	
	(DEL) Alkane: Straight-Chain20.245	44000	JD			20.245	
	(DEL) Alkane: Straight-Chain20.738	33000	JD			20.738	
	(DEL) Alkane: Straight-Chain21.232	14000	JD			21.232	
	(DEL) Alkane: Straight-Chain21.761	7400	JD			21.761	
E966796	Total Alkanes	610000	D			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/9/2024 12:00:00 AM
Project:				Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	GCNA0			SDG No.:	BG082324
Lab Sample ID:	P3695-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.5
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062567.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.6	77	ug/Kg
100-52-7	Benzaldehyde	67	U	67	95.4	380	ug/Kg
110-86-1	Pyridine	89	U	89	190	380	ug/Kg
108-95-2	Phenol	35	U	35	95.4	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	95.4	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	49.1	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	95.4	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	95.4	380	ug/Kg
98-86-2	Acetophenone	76	U	76	95.4	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	95.4	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	91	U	91	49.1	200	ug/Kg
67-72-1	Hexachloroethane	71	U	71	49.1	200	ug/Kg
98-95-3	Nitrobenzene	74	U	74	49.1	200	ug/Kg
78-59-1	Isophorone	76	U	76	49.1	200	ug/Kg
88-75-5	2-Nitrophenol	69	U	69	49.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	49.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49.1	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49.1	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	49.1	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	49.1	200	ug/Kg
105-60-2	Caprolactam	74	U	74	95.4	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	49.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	49.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	95.4	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	49.1	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/9/2024 12:00:00 AM
Project:				Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	GCNA0			SDG No.:	BG082324
Lab Sample ID:	P3695-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.5
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062567.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	49.1	200	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	49.1	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49.1	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	49.1	200	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	95.4	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	49.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	95.4	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95.4	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	49.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	49.1	200	ug/Kg
84-66-2	Diethylphthalate	38	U	38	49.1	200	ug/Kg
86-73-7	Fluorene	31	U	31	49.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.1	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	95.4	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	95.4	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	49.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49.1	200	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	49.1	200	ug/Kg
1912-24-9	Atrazine	32	U	32	95.4	380	ug/Kg
87-86-5	Pentachlorophenol	28000	E	100	95.4	380	ug/Kg
85-01-8	Phenanthrene	31	U	31	49.1	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.1	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49.1	200	ug/Kg
86-74-8	Carbazole	39	U	39	95.4	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	49.1	200	ug/Kg
206-44-0	Fluoranthene	22	U	22	95.4	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/9/2024 12:00:00 AM
Project:				Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	GCNA0			SDG No.:	BG082324
Lab Sample ID:	P3695-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.5
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062567.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	130	J	21	49.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	49.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	95.4	380	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	49.1	200	ug/Kg
218-01-9	Chrysene	28	U	28	49.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	49.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	95.4	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	49.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	49.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	49.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	49.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	49.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	730		42	49.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.08	*	15-120		14	SPK: -8
7291-22-7	Pyridine-d5	0.466	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	7.727		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.045		10-150		18	SPK: -40
93951-73-6	2-Chlorophenol-d4	8.37		15-120		21	SPK: -40
190780-66-6	4-Methylphenol-d8	7.706		10-140		19	SPK: -40
4165-60-0	Nitrobenzene-d5	9.392		10-135		23	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.314		10-120		26	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.902		10-140		22	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.12		1-145		8	SPK: -40
85448-30-2	Dimethylphthalate-d6	8.466		10-145		21	SPK: -40
93951-97-4	Acenaphthylene-d8	8.575		15-120		21	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.341		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	8.508		20-140		21	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/9/2024 12:00:00 AM
Project:				Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	GCNA0			SDG No.:	BG082324
Lab Sample ID:	P3695-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.5
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062567.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.499		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	9.264		10-150		23	SPK: -40
1718-52-1	Pyrene-d10	7.949		10-130		20	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.851		10-140		15	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70022	7.937				
1146-65-2	Naphthalene-d8	327052	10.733				
15067-26-2	Acenaphthene-d10	223577	14.563				
1517-22-2	Phenanthrene-d10	419191	17.318				
1719-03-5	Chrysene-d12	369086	21.56				
1520-96-3	Perylene-d12	436707	24.65				
TENTATIVE IDENTIFIED COMPOUNDS							
000110-86-1	Pyri dine	87	J			3.837	
000149-57-5	Hexanoic acid, 2-ethyl-	210	J			9.229	
	(DEL) Alkane: Cyclic11.233	110	J			11.233	
	unknown-01	210	J			11.421	
	(DEL) Alkane: Straight-Chain11.573	96	J			11.573	
	(DEL) Alkane: Straight-Chain11.656	140	J			11.656	
	(DEL) Alkane: Straight-Chain11.761	400	J			11.761	
	(DEL) Alkane: Cyclic11.996	130	J			11.996	
	(DEL) Alkane: Straight-Chain12.155	730	J			12.155	
	unknown-02	220	J			12.249	
	(DEL) Alkane: Straight-Chain12.789	110	J			12.789	
	(DEL) Alkane: Straight-Chain12.825	84	J			12.825	
	(DEL) Alkane: Straight-Chain12.966	120	J			12.966	
	(DEL) Alkane: Straight-Chain13.054	100	J			13.054	
	(DEL) Alkane: Straight-Chain13.112	320	J			13.112	
	(DEL) Alkane: Straight-Chain13.394	930	J			13.394	
	(DEL) Alkane: Straight-Chain13.488	110	J			13.488	

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Report of Analysis

Client:				Date Collected:	8/9/2024 12:00:00 AM
Project:				Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	GCNA0			SDG No.:	BG082324
Lab Sample ID:	P3695-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.5
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062567.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000475-20-7	Longifolene	230	J			13.841	
	(DEL) Alkane: Straight-Chain14.052	610	J			14.052	
	(DEL) Alkane: Straight-Chain14.093	260	J			14.093	
	(DEL) Alkane: Straight-Chain14.170	150	J			14.17	
	(DEL) Alkane: Cyclic14.405	210	J			14.405	
	(DEL) Alkane: Straight-Chain14.475	3100	J			14.475	
	(DEL) Alkane: Straight-Chain14.975	190	J			14.975	
	(DEL) Alkane: Straight-Chain15.027	160	J			15.027	
	(DEL) Alkane: Straight-Chain15.092	500	J			15.092	
	(DEL) Alkane: Straight-Chain15.421	1700	J			15.421	
	(DEL) Alkane: Straight-Chain15.832	1500	J			15.832	
	(DEL) Alkane: Straight-Chain15.920	250	J			15.92	
1010309-18-1	Sulfurous acid, butyl tetradecyl e	510	J			15.979	
	(DEL) Alkane: Straight-Chain16.044	360	J			16.044	
	(DEL) Alkane: Straight-Chain16.285	2500	J			16.285	
	(DEL) Alkane: Straight-Chain16.631	370	J			16.631	
	(DEL) Alkane: Straight-Chain16.790	160	J			16.79	
	(DEL) Alkane: Straight-Chain17.078	2100	J			17.078	
	(DEL) Alkane: Straight-Chain17.130	2000	J			17.13	
	(DEL) Alkane: Straight-Chain17.547	300	J			17.547	
1000383-11-5	Carbonic acid, octadecyl prop-1-en	360	J			17.618	
	(DEL) Alkane: Straight-Chain17.735	390	J			17.735	
	(DEL) Alkane: Straight-Chain17.818	2200	J			17.818	
	(DEL) Alkane: Straight-Chain18.211	240	J			18.211	
	(DEL) Alkane: Straight-Chain18.505	1700	J			18.505	
	(DEL) Alkane: Straight-Chain19.134	1200	J			19.134	
	(DEL) Alkane: Straight-Chain20.238	530	J			20.238	
000511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	390	J			20.573	
	(DEL) Alkane: Straight-Chain20.731	300	J			20.731	
	(DEL) Alkane: Straight-Chain21.225	230	J			21.225	

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Report of Analysis

Client:				Date Collected:	8/9/2024 12:00:00 AM
Project:				Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	GCNA0			SDG No.:	BG082324
Lab Sample ID:	P3695-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.5
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062567.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
E966796	Total Alkanes	27000				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/22/2024 12:00:00 AM
Project:				Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	SBLK928			SDG No.:	BG082324
Lab Sample ID:	PB162928BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062569.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	6.6	67	ug/Kg
110-86-1	Pyridine	77	U	77	170	330	ug/Kg
100-52-7	Benzaldehyde	58	U	58	82.5	330	ug/Kg
108-95-2	Phenol	30	U	30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	29	U	29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	31	U	31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	82.5	330	ug/Kg
98-86-2	Acetophenone	66	U	66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	53	U	53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	79	U	79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	61	U	61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	64	U	64	42.5	170	ug/Kg
78-59-1	Isophorone	66	U	66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	42.5	170	ug/Kg
91-20-3	Naphthalene	24	U	24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	42.5	170	ug/Kg
105-60-2	Caprolactam	64	U	64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	24	U	24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33	U	33	42.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/22/2024 12:00:00 AM
Project:				Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	SBLK928			SDG No.:	BG082324
Lab Sample ID:	PB162928BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062569.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	20	U	20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	29	U	29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	66	U	66	82.5	330	ug/Kg
83-32-9	Acenaphthene	26	U	26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	27	U	27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	33	U	33	42.5	170	ug/Kg
86-73-7	Fluorene	27	U	27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	24	U	24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38	U	38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	24	U	24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	26	U	26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	28	U	28	42.5	170	ug/Kg
1912-24-9	Atrazine	28	U	28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	82.5	330	ug/Kg
85-01-8	Phenanthrene	27	U	27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	42.5	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	42.5	170	ug/Kg
86-74-8	Carbazole	34	U	34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	27	U	27	42.5	170	ug/Kg
206-44-0	Fluoranthene	19	U	19	82.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/22/2024 12:00:00 AM
Project:				Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	SBLK928			SDG No.:	BG082324
Lab Sample ID:	PB162928BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062569.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.615		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	22.849		20-120		57	SPK: -40
4165-62-2	Phenol-d5	24.549		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.465		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.024		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	24.447		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	30.279		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.012		10-120		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.655		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.656		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.267		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	23.479		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.147		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	22.407		20-140		56	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/22/2024 12:00:00 AM
Project:				Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	SBLK928			SDG No.:	BG082324
Lab Sample ID:	PB162928BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062569.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.063		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	23.98		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	25.877		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.416		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80563	7.937				
1146-65-2	Naphthalene-d8	386232	10.733				
15067-26-2	Acenaphthene-d10	278115	14.563				
1517-22-2	Phenanthrene-d10	561510	17.306				
1719-03-5	Chrysene-d12	497615	21.554				
1520-96-3	Perylene-d12	537040	24.638				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCNA4			SDG No.:	BG082324
Lab Sample ID:	P3695-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.3
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062570.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34	U	34	8.4	84	ug/Kg
100-52-7	Benzaldehyde	73	U	73	100	420	ug/Kg
110-86-1	Pyridine	98	U	98	210	420	ug/Kg
108-95-2	Phenol	38	U	38	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	100	420	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53.8	220	ug/Kg
95-48-7	2-Methylphenol	39	U	39	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	51	U	51	100	420	ug/Kg
98-86-2	Acetophenone	84	U	84	100	420	ug/Kg
106-44-5	4-Methylphenol	67	U	67	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	53.8	220	ug/Kg
67-72-1	Hexachloroethane	77	U	77	53.8	220	ug/Kg
98-95-3	Nitrobenzene	81	U	81	53.8	220	ug/Kg
78-59-1	Isophorone	84	U	84	53.8	220	ug/Kg
88-75-5	2-Nitrophenol	76	U	76	53.8	220	ug/Kg
105-67-9	2,4-Dimethylphenol	41	U	41	53.8	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	53.8	220	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	53.8	220	ug/Kg
91-20-3	Naphthalene	30	U	30	53.8	220	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	53.8	420	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	53.8	220	ug/Kg
105-60-2	Caprolactam	81	U	81	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	53.8	220	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	53.8	220	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	53.8	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	53.8	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	53.8	220	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCNA4			SDG No.:	BG082324
Lab Sample ID:	P3695-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.3
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062570.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	53.8	220	ug/Kg
91-58-7	2-Chloronaphthalene	42	U	42	53.8	220	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	53.8	220	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	53.8	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	53.8	220	ug/Kg
208-96-8	Acenaphthylene	37	U	37	53.8	220	ug/Kg
99-09-2	3-Nitroaniline	84	U	84	100	420	ug/Kg
83-32-9	Acenaphthene	33	U	33	53.8	220	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	420	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	100	420	ug/Kg
132-64-9	Dibenzofuran	34	U	34	53.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	44	U	44	53.8	220	ug/Kg
84-66-2	Diethylphthalate	42	U	42	53.8	220	ug/Kg
86-73-7	Fluorene	34	U	34	53.8	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.8	220	ug/Kg
100-01-6	4-Nitroaniline	30	U	30	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	30	U	30	53.8	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	43	U	43	53.8	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	53.8	220	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	53.8	220	ug/Kg
1912-24-9	Atrazine	35	U	35	100	420	ug/Kg
87-86-5	Pentachlorophenol	12000	E	110	100	420	ug/Kg
85-01-8	Phenanthrene	34	U	34	53.8	220	ug/Kg
608-93-5	Pentachlorobenzene	47	U	47	53.8	220	ug/Kg
120-12-7	Anthracene	32	U	32	53.8	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	53.8	220	ug/Kg
86-74-8	Carbazole	43	U	43	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	34	U	34	53.8	220	ug/Kg
206-44-0	Fluoranthene	24	U	24	100	220	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCNA4			SDG No.:	BG082324
Lab Sample ID:	P3695-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.3
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062570.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	59	J	23	53.8	220	ug/Kg
85-68-7	Butylbenzylphthalate	28	U	28	53.8	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66	U	66	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	53.8	220	ug/Kg
218-01-9	Chrysene	30	U	30	53.8	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	79	J	32	53.8	220	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	61	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	47	U	47	53.8	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	53.8	220	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	53.8	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	53.8	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	53.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	53.8	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	360		46	53.8	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.125	*	15-120		14	SPK: -8
7291-22-7	Pyridine-d5	1.357	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	8.959		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	8.031		10-150		20	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.443		15-120		24	SPK: -40
190780-66-6	4-Methylphenol-d8	7.981		10-140		20	SPK: -40
4165-60-0	Nitrobenzene-d5	10.653		10-135		27	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.32		10-120		31	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.868		10-140		25	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.578		1-145		14	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.654		10-145		24	SPK: -40
93951-97-4	Acenaphthylene-d8	9.757		15-120		24	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.339		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	9.698		20-140		24	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCNA4			SDG No.:	BG082324
Lab Sample ID:	P3695-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.3
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062570.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.757		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	10.514		10-150		26	SPK: -40
1718-52-1	Pyrene-d10	9.517		10-130		24	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.618		10-140		17	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75623	7.94				
1146-65-2	Naphthalene-d8	325495	10.73				
15067-26-2	Acenaphthene-d10	235119	14.56				
1517-22-2	Phenanthrene-d10	460069	17.309				
1719-03-5	Chrysene-d12	407649	21.551				
1520-96-3	Perylene-d12	480361	24.641				
TENTATIVE IDENTIFIED COMPOUNDS							
005989-27-5	D-Limonene	86	J			8.163	
000124-18-5	Decane	89	J			9.168	
000770-35-4	1-Phenoxypropan-2-ol	95	J			11.464	
	(DEL) Alkane: Straight-Chain12.152	250	J			12.152	
	(DEL) Alkane: Straight-Chain13.391	330	J			13.391	
000475-20-7	Longifolene	160	J			13.838	
	(DEL) Alkane: Straight-Chain14.049	150	J			14.049	
055682-82-1	Tetradecanoic acid, 2-oxo-, methyl	87	J			14.09	
003045-76-9	Cyclododecanone, 2-methylene-	110	J			14.396	
	(DEL) Alkane: Straight-Chain14.466	690	J			14.466	
1000309-12-4	Sulfurous acid, 2-propyl tridecyl	140	J			15.083	
	(DEL) Alkane: Straight-Chain15.418	550	J			15.418	
	(DEL) Alkane: Straight-Chain15.823	590	J			15.823	
	(DEL) Alkane: Straight-Chain15.982	180	J			15.982	
	(DEL) Alkane: Straight-Chain16.035	130	J			16.035	
	(DEL) Alkane: Straight-Chain16.164	140	J			16.164	
	(DEL) Alkane: Straight-Chain16.281	870	J			16.281	

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCNA4			SDG No.:	BG082324
Lab Sample ID:	P3695-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.3
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062570.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain16.305	800	J			16.305	
	(DEL) Alkane: Straight-Chain17.069	610	J			17.069	
	(DEL) Alkane: Straight-Chain17.122	970	J			17.122	
	(DEL) Alkane: Straight-Chain17.727	350	J			17.727	
	(DEL) Alkane: Straight-Chain17.809	730	J			17.809	
	(DEL) Alkane: Straight-Chain18.502	550	J			18.502	
	(DEL) Alkane: Straight-Chain19.131	430	J			19.131	
	(DEL) Alkane: Straight-Chain20.235	140	J			20.235	
000511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	380	J			20.57	
	(DEL) Alkane: Straight-Chain20.728	87	J			20.728	
1000309-70-7	Oxalic acid, cyclobutyl heptadecyl	110	J			21.216	
	unknown-01	120	J			22.326	
E966796	Total Alkanes	8500				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/15/2024 12:00:00 AM
Project:				Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	GCNA1			SDG No.:	BG082324
Lab Sample ID:	P3695-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.1
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062571.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.9	79	ug/Kg
100-52-7	Benzaldehyde	69	U	69	98.3	390	ug/Kg
110-86-1	Pyridine	92	U	92	200	390	ug/Kg
108-95-2	Phenol	36	U	36	98.3	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	98.3	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.7	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	98.3	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	98.3	390	ug/Kg
98-86-2	Acetophenone	79	U	79	98.3	390	ug/Kg
106-44-5	4-Methylphenol	63	U	63	98.3	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	94	U	94	50.7	200	ug/Kg
67-72-1	Hexachloroethane	73	U	73	50.7	200	ug/Kg
98-95-3	Nitrobenzene	76	U	76	50.7	200	ug/Kg
78-59-1	Isophorone	79	U	79	50.7	200	ug/Kg
88-75-5	2-Nitrophenol	72	U	72	50.7	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50.7	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	50.7	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	50.7	200	ug/Kg
91-20-3	Naphthalene	180	J	29	50.7	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	50.7	390	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	50.7	200	ug/Kg
105-60-2	Caprolactam	76	U	76	98.3	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	50.7	200	ug/Kg
90-12-0	1-Methylnaphthalene	2600		29	50.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	3000		38	50.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	98.3	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	50.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	50.7	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/15/2024 12:00:00 AM
Project:				Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	GCNA1			SDG No.:	BG082324
Lab Sample ID:	P3695-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.1
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062571.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	200		31	50.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	50.7	200	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	50.7	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	50.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50.7	200	ug/Kg
208-96-8	Acenaphthylene	35	U	35	50.7	200	ug/Kg
99-09-2	3-Nitroaniline	79	U	79	98.3	390	ug/Kg
83-32-9	Acenaphthene	510		31	50.7	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	98.3	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	98.3	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	50.7	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	50.7	200	ug/Kg
86-73-7	Fluorene	630		32	50.7	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.7	200	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	98.3	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	98.3	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	50.7	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	50.7	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50.7	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	50.7	200	ug/Kg
1912-24-9	Atrazine	33	U	33	98.3	390	ug/Kg
87-86-5	Pentachlorophenol	61000	E	100	98.3	390	ug/Kg
85-01-8	Phenanthrene	5000	E	32	50.7	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.7	200	ug/Kg
120-12-7	Anthracene	120	J	30	50.7	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50.7	200	ug/Kg
86-74-8	Carbazole	41	U	41	98.3	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.7	200	ug/Kg
206-44-0	Fluoranthene	150	J	23	98.3	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/15/2024 12:00:00 AM
Project:				Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	GCNA1			SDG No.:	BG082324
Lab Sample ID:	P3695-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.1
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062571.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	320		21	50.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	50.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	98.3	390	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	50.7	200	ug/Kg
218-01-9	Chrysene	88	J	29	50.7	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57	J	30	50.7	200	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	98.3	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	44	50.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	50.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	50.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	50.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	50.7	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2000		43	50.7	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.077	*	15-120		13	SPK: -8
7291-22-7	Pyridine-d5	1.533	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	6.85		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.997		10-150		17	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.883		15-120		20	SPK: -40
190780-66-6	4-Methylphenol-d8	6.834		10-140		17	SPK: -40
4165-60-0	Nitrobenzene-d5	10.24		10-135		26	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.066		10-120		28	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.462		10-140		21	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.214		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	7.717		10-145		19	SPK: -40
93951-97-4	Acenaphthylene-d8	8.3		15-120		21	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.703		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	8.917		20-140		22	SPK: -40

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Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	8/15/2024 12:00:00 AM
Project:				Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	GCNA1			SDG No.:	BG082324
Lab Sample ID:	P3695-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.1
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062571.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.169		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	8.574		10-150		21	SPK: -40
1718-52-1	Pyrene-d10	6.845		10-130		17	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.518		10-140		14	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77391	7.937				
1146-65-2	Naphthalene-d8	330079	10.733				
15067-26-2	Acenaphthene-d10	213837	14.569				
1517-22-2	Phenanthrene-d10	375214	17.33				
1719-03-5	Chrysene-d12	382161	21.554				
1520-96-3	Perylene-d12	427999	24.638				
TENTATIVE IDENTIFIED COMPOUNDS							
001075-22-5	1H-Indene, 2,3-dihydro-5,6-dimethy	560	J			11.65	
	(DEL) Alkane: Straight-Chain11.761	690	J			11.761	
	(DEL) Alkane: Straight-Chain12.161	2000	J			12.161	
	(DEL) Alkane: Straight-Chain12.971	320	J			12.971	
	(DEL) Alkane: Straight-Chain13.060	290	J			13.06	
	(DEL) Alkane: Straight-Chain13.112	320	J			13.112	
000575-43-9	Naphthalene, 1,6-dimethyl-	1700	J			13.747	
000581-40-8	Naphthalene, 2,3-dimethyl-	2300	J			13.906	
	(DEL) Alkane: Straight-Chain14.035	240	J			14.035	
019218-94-1	Tetradecane, 1-iodo-	530	J			14.058	
	(DEL) Alkane: Straight-Chain14.099	490	J			14.099	
000575-41-7	Naphthalene, 1,3-dimethyl-	580	J			14.134	
	(DEL) Alkane: Straight-Chain14.170	480	J			14.17	
	(DEL) Alkane: Straight-Chain14.493	2800	J			14.493	
002027-17-0	Naphthalene, 2-(1-methylethyl)-	410	J			14.704	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	400	J			14.869	
	(DEL) Alkane: Straight-Chain14.922	390	J			14.922	

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Report of Analysis

Client:				Date Collected:	8/15/2024 12:00:00 AM
Project:				Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	GCNA1			SDG No.:	BG082324
Lab Sample ID:	P3695-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.1
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062571.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000829-26-5	Naphthalene, 2,3,6-trimethyl-	2100	J			14.98	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	1500	J			15.057	
	(DEL) Alkane: Straight-Chain15.098	880	J			15.098	
	unknown-01	880	J			15.368	
	unknown-02	410	J			15.403	
	(DEL) Alkane: Straight-Chain15.445	2600	J			15.445	
	(DEL) Alkane: Straight-Chain15.838	1900	J			15.838	
	(DEL) Alkane: Straight-Chain15.991	1500	J			15.991	
	unknown-03	1500	J			16.05	
000529-05-5	Chamazulene	1000	J			16.138	
	(DEL) Alkane: Straight-Chain16.308	10000	J			16.308	
003031-15-0	Naphthalene, 1,2,3,4-tetramethyl-	710	J			16.437	
	(DEL) Alkane: Straight-Chain16.643	470	J			16.643	
001730-37-6	9H-Fluorene, 1-methyl-	2000	J			16.678	
	(DEL) Alkane: Straight-Chain16.760	510	J			16.76	
004292-19-7	Dodecane, 1-iodo-	450	J			16.802	
	(DEL) Alkane: Straight-Chain16.872	1100	J			16.872	
	(DEL) Alkane: Cyclic16.901	740	J			16.901	
000629-92-5	Nonadecane	7400	J			17.101	
	(DEL) Alkane: Straight-Chain17.148	3700	J			17.148	
	(DEL) Alkane: Straight-Chain17.559	990	J			17.559	
1000309-17-9	Sulfurous acid, butyl dodecyl este	1300	J			17.624	
	(DEL) Alkane: Straight-Chain17.741	890	J			17.741	
	(DEL) Alkane: Straight-Chain17.841	6700	J			17.841	
031317-07-4	1-Methyldibenzothiophene	1700	J			17.912	
	(DEL) Alkane: Straight-Chain18.106	800	J			18.106	
000832-69-9	Phenanthrene, 1-methyl-	2000	J			18.211	
000610-48-0	Anthracene, 1-methyl-	2200	J			18.264	
002531-84-2	Phenanthrene, 2-methyl-	680	J			18.394	
074036-95-6	2-Bromotetradecane	5200	J			18.523	

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Report of Analysis

Client:				Date Collected:	8/15/2024 12:00:00 AM
Project:				Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	GCNA1			SDG No.:	BG082324
Lab Sample ID:	P3695-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.1
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062571.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
001136-85-2	3,7-Dimethyldibenzothiophene	820	J			18.752	
	(DEL) Alkane: Straight-Chain18.910	440	J			18.91	
001576-67-6	Phenanthrene, 3,6-dimethyl-	890	J			18.946	
002789-88-0	di-p-Tolylacetylene	760	J			18.999	
000483-87-4	Phenanthrene, 1,7-dimethyl-	640	J			19.034	
054833-23-7	Eicosane, 10-methyl-	3800	J			19.14	
037985-11-8	1-(4-Methylphenyl)-4-phenylbuta-1,	1100	J			19.809	
	unknown-04	610	J			19.88	
	(DEL) Alkane: Straight-Chain20.238	1500	J			20.238	
	(DEL) Alkane: Straight-Chain20.732	670	J			20.732	
	(DEL) Alkane: Straight-Chain21.219	450	J			21.219	
E966796	Total Alkanes	44000				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/15/2024 12:00:00 AM
Project:				Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	GCNA2			SDG No.:	BG082324
Lab Sample ID:	P3695-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062572.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8	81	ug/Kg
100-52-7	Benzaldehyde	70	U	70	99.9	400	ug/Kg
110-86-1	Pyridine	93	U	93	200	400	ug/Kg
108-95-2	Phenol	36	U	36	99.9	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	99.9	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.5	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	99.9	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	99.9	400	ug/Kg
98-86-2	Acetophenone	80	U	80	99.9	400	ug/Kg
106-44-5	4-Methylphenol	64	U	64	99.9	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	96	U	96	51.5	210	ug/Kg
67-72-1	Hexachloroethane	74	U	74	51.5	210	ug/Kg
98-95-3	Nitrobenzene	77	U	77	51.5	210	ug/Kg
78-59-1	Isophorone	80	U	80	51.5	210	ug/Kg
88-75-5	2-Nitrophenol	73	U	73	51.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	51.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	51.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	51.5	210	ug/Kg
91-20-3	Naphthalene	29	U	29	51.5	210	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	51.5	400	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	51.5	210	ug/Kg
105-60-2	Caprolactam	77	U	77	99.9	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	51.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	51.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	51.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	99.9	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	51.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	51.5	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/15/2024 12:00:00 AM
Project:				Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	GCNA2			SDG No.:	BG082324
Lab Sample ID:	P3695-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062572.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	51.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	51.5	210	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	51.5	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	51.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	51.5	210	ug/Kg
208-96-8	Acenaphthylene	35	U	35	51.5	210	ug/Kg
99-09-2	3-Nitroaniline	80	U	80	99.9	400	ug/Kg
83-32-9	Acenaphthene	31	U	31	51.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	99.9	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	99.9	400	ug/Kg
132-64-9	Dibenzofuran	33	U	33	51.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	51.5	210	ug/Kg
84-66-2	Diethylphthalate	40	U	40	51.5	210	ug/Kg
86-73-7	Fluorene	33	U	33	51.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.5	210	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	99.9	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	99.9	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	51.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	51.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	51.5	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	51.5	210	ug/Kg
1912-24-9	Atrazine	34	U	34	99.9	400	ug/Kg
87-86-5	Pentachlorophenol	14000	E	110	99.9	400	ug/Kg
85-01-8	Phenanthrene	33	U	33	51.5	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	51.5	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	51.5	210	ug/Kg
86-74-8	Carbazole	41	U	41	99.9	400	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	51.5	210	ug/Kg
206-44-0	Fluoranthene	23	U	23	99.9	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/15/2024 12:00:00 AM
Project:				Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	GCNA2			SDG No.:	BG082324
Lab Sample ID:	P3695-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062572.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	140	J	22	51.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	51.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	99.9	400	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	51.5	210	ug/Kg
218-01-9	Chrysene	29	U	29	51.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	51.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	58	U	58	99.9	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	45	U	45	51.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	51.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	51.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	51.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	51.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	970		44	51.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.05		15-120		26	SPK: -8
7291-22-7	Pyridine-d5	3.039	*	20-120		8	SPK: -40
4165-62-2	Phenol-d5	12.803		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.445		10-150		29	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.359		15-120		33	SPK: -40
190780-66-6	4-Methylphenol-d8	12.548		10-140		31	SPK: -40
4165-60-0	Nitrobenzene-d5	15.093		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.25		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.133		10-140		35	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.983		1-145		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.016		10-145		33	SPK: -40
93951-97-4	Acenaphthylene-d8	13.504		15-120		34	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.858		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	12.602		20-140		32	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/15/2024 12:00:00 AM
Project:				Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	GCNA2			SDG No.:	BG082324
Lab Sample ID:	P3695-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062572.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.164		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	13.198		10-150		33	SPK: -40
1718-52-1	Pyrene-d10	13.796		10-130		34	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.825		10-140		35	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67673	7.94				
1146-65-2	Naphthalene-d8	313849	10.731				
15067-26-2	Acenaphthene-d10	229652	14.561				
1517-22-2	Phenanthrene-d10	445253	17.31				
1719-03-5	Chrysene-d12	397426	21.551				
1520-96-3	Perylene-d12	450739	24.641				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain11.107	160	J			11.107	
000770-35-4	1-Phenoxypropan-2-ol	190	J			11.465	
	(DEL) Alkane: Straight-Chain11.759	160	J			11.759	
	(DEL) Alkane: Straight-Chain12.152	830	J			12.152	
	(DEL) Alkane: Straight-Chain12.376	180	J			12.376	
	(DEL) Alkane: Straight-Chain12.963	110	J			12.963	
	(DEL) Alkane: Straight-Chain13.051	110	J			13.051	
	(DEL) Alkane: Straight-Chain13.104	190	J			13.104	
	(DEL) Alkane: Straight-Chain13.392	1300	J			13.392	
	(DEL) Alkane: Straight-Chain13.486	110	J			13.486	
	(DEL) Alkane: Straight-Chain13.627	97	J			13.627	
	unknown-01	90	J			13.915	
	(DEL) Alkane: Straight-Chain14.050	510	J			14.05	
1000309-17-9	Sulfurous acid, butyl dodecyl este	280	J			14.091	
	(DEL) Alkane: Straight-Chain14.167	130	J			14.167	
	unknown-02	160	J			14.402	
	(DEL) Alkane: Straight-Chain14.467	2000	J			14.467	

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Report of Analysis

Client:				Date Collected:	8/15/2024 12:00:00 AM
Project:				Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	GCNA2			SDG No.:	BG082324
Lab Sample ID:	P3695-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062572.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000309-19-0	Sulfurous acid, 2-ethylhexyl isohe	250	J			14.907	
	(DEL) Alkane: Straight-Chain14.966	190	J			14.966	
	(DEL) Alkane: Straight-Chain15.019	120	J			15.019	
	(DEL) Alkane: Straight-Chain15.084	570	J			15.084	
	(DEL) Alkane: Straight-Chain15.419	2500	J			15.419	
	(DEL) Alkane: Straight-Chain15.460	100	J			15.46	
	(DEL) Alkane: Straight-Chain15.824	1700	J			15.824	
	(DEL) Alkane: Straight-Chain15.918	320	J			15.918	
	(DEL) Alkane: Straight-Chain15.971	470	J			15.971	
	(DEL) Alkane: Cyclic16.035	470	J			16.035	
1000130-97-9	E-15-Heptadecenal	130	J			16.165	
	(DEL) Alkane: Straight-Chain16.288	4100	J			16.288	
	(DEL) Alkane: Straight-Chain16.623	420	J			16.623	
	(DEL) Alkane: Straight-Chain16.682	450	J			16.682	
	(DEL) Alkane: Straight-Chain16.740	190	J			16.74	
019218-94-1	Tetradecane, 1-iodo-	320	J			16.787	
1000309-18-2	Sulfurous acid, butyl pentadecyl e	210	J			16.852	
	(DEL) Alkane: Cyclic16.887	230	J			16.887	
	(DEL) Alkane: Straight-Chain17.081	4300	J			17.081	
	(DEL) Alkane: Straight-Chain17.128	1700	J			17.128	
1000406-39-1	Decyl heptyl ether	170	J			17.21	
	(DEL) Alkane: Straight-Chain17.498	200	J			17.498	
	(DEL) Alkane: Straight-Chain17.545	370	J			17.545	
	(DEL) Alkane: Straight-Chain17.610	480	J			17.61	
	(DEL) Alkane: Cyclic17.668	200	J			17.668	
	(DEL) Alkane: Straight-Chain17.727	440	J			17.727	
	(DEL) Alkane: Straight-Chain17.815	4100	J			17.815	
	(DEL) Alkane: Straight-Chain18.091	330	J			18.091	
	(DEL) Alkane: Straight-Chain18.209	190	J			18.209	
	(DEL) Alkane: Straight-Chain18.250	260	J			18.25	

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Report of Analysis

Client:				Date Collected:	8/15/2024 12:00:00 AM
Project:				Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	GCNA2			SDG No.:	BG082324
Lab Sample ID:	P3695-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062572.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain18.315	110	J			18.315	
004860-03-1	Hexadecane, 1-chloro-	210	J			18.35	
	(DEL) Alkane: Straight-Chain18.503	2900	J			18.503	
002050-77-3	Decane, 1-iodo-	110	J			18.902	
003674-66-6	Phenanthrene, 2,5-dimethyl-	120	J			18.926	
	(DEL) Alkane: Straight-Chain18.961	230	J			18.961	
001576-67-6	Phenanthrene, 3,6-dimethyl-	270	J			19.02	
000781-92-0	Anthracene, 1,4-dimethyl-	87	J			19.102	
	(DEL) Alkane: Straight-Chain19.131	1600	J			19.131	
074630-83-4	1-Propene-2-thiol, 1,1-diphenyl-	120	J			19.29	
	(DEL) Alkane: Straight-Chain19.349	82	J			19.349	
003674-73-5	Phenanthrene, 2,3,5-trimethyl-	340	J			19.801	
1000396-24-5	butanal, 2-[2-(2-methoxyphenyl)dia	200	J			19.871	
	(DEL) Alkane: Straight-Chain20.235	620	J			20.235	
000511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	150	J			20.564	
	(DEL) Alkane: Straight-Chain20.729	330	J			20.729	
	(DEL) Alkane: Straight-Chain21.222	270	J			21.222	
	(DEL) Alkane: Straight-Chain21.751	130	J			21.751	
000630-02-4	Octacosane	85	J			22.339	
000301-02-0	9-Octadecenamide, (Z)-	180	J			22.973	
E966796	Total Alkanes	37000				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/9/2024 12:00:00 AM
Project:				Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	GCN99			SDG No.:	BG082324
Lab Sample ID:	P3695-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.6
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062573.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.4	74	ug/Kg
100-52-7	Benzaldehyde	65	U	65	92	370	ug/Kg
110-86-1	Pyridine	86	U	86	180	370	ug/Kg
108-95-2	Phenol	33	U	33	92	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	92	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.4	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	92	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	92	370	ug/Kg
98-86-2	Acetophenone	74	U	74	92	370	ug/Kg
106-44-5	4-Methylphenol	59	U	59	92	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	88	U	88	47.4	190	ug/Kg
67-72-1	Hexachloroethane	68	U	68	47.4	190	ug/Kg
98-95-3	Nitrobenzene	71	U	71	47.4	190	ug/Kg
78-59-1	Isophorone	74	U	74	47.4	190	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	47.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	47.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	47.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	47.4	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47.4	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	47.4	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.4	190	ug/Kg
105-60-2	Caprolactam	71	U	71	92	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	47.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	47.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.4	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/9/2024 12:00:00 AM
Project:				Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	GCN99			SDG No.:	BG082324
Lab Sample ID:	P3695-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.6
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062573.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.4	190	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	47.4	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	47.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47.4	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	47.4	190	ug/Kg
99-09-2	3-Nitroaniline	74	U	74	92	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	92	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.4	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.4	190	ug/Kg
86-73-7	Fluorene	30	U	30	47.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.4	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	92	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	92	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.4	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47.4	190	ug/Kg
1912-24-9	Atrazine	31	U	31	92	370	ug/Kg
87-86-5	Pentachlorophenol	3300		98	92	370	ug/Kg
85-01-8	Phenanthrene	30	U	30	47.4	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	47.4	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.4	190	ug/Kg
86-74-8	Carbazole	38	U	38	92	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.4	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	92	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/9/2024 12:00:00 AM
Project:				Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	GCN99			SDG No.:	BG082324
Lab Sample ID:	P3695-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.6
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062573.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	47.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	47.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	92	370	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	47.4	190	ug/Kg
218-01-9	Chrysene	27	U	27	47.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	47.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	92	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	47.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	47.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	47.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	47.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	47.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	47.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.912		15-120		24	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	11.444		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.023		10-150		25	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.225		15-120		31	SPK: -40
190780-66-6	4-Methylphenol-d8	10.912		10-140		27	SPK: -40
4165-60-0	Nitrobenzene-d5	13.777		10-135		34	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.072		10-120		40	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.457		10-140		31	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.521		1-145		11	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.55		10-145		29	SPK: -40
93951-97-4	Acenaphthylene-d8	11.634		15-120		29	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.804		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	11.188		20-140		28	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/9/2024 12:00:00 AM
Project:				Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	GCN99			SDG No.:	BG082324
Lab Sample ID:	P3695-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.6
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062573.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.524		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	11.888		10-150		30	SPK: -40
1718-52-1	Pyrene-d10	12.7		10-130		32	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.608		10-140		29	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70930	7.934				
1146-65-2	Naphthalene-d8	324906	10.731				
15067-26-2	Acenaphthene-d10	233567	14.561				
1517-22-2	Phenanthrene-d10	465112	17.304				
1719-03-5	Chrysene-d12	411185	21.551				
1520-96-3	Perylene-d12	464223	24.635				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	120	J			3.664	
000770-35-4	1-Phenoxypropan-2-ol	92	J			11.465	
	(DEL) Alkane: Straight-Chain13.392	84	J			13.392	
	(DEL) Alkane: Straight-Chain14.461	200	J			14.461	
	(DEL) Alkane: Straight-Chain15.078	77	J			15.078	
	(DEL) Alkane: Straight-Chain15.413	330	J			15.413	
	(DEL) Alkane: Straight-Chain15.818	260	J			15.818	
	(DEL) Alkane: Straight-Chain15.971	74	J			15.971	
	(DEL) Alkane: Straight-Chain16.276	450	J			16.276	
	(DEL) Alkane: Straight-Chain16.300	410	J			16.3	
	(DEL) Alkane: Straight-Chain17.069	470	J			17.069	
	(DEL) Alkane: Straight-Chain17.122	520	J			17.122	
	(DEL) Alkane: Straight-Chain17.727	120	J			17.727	
	(DEL) Alkane: Straight-Chain17.804	400	J			17.804	
	(DEL) Alkane: Straight-Chain18.497	260	J			18.497	
	(DEL) Alkane: Straight-Chain19.125	160	J			19.125	
002461-18-9	Oxirane, [(dodecyloxy)methyl]-	110	J			21.211	

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Report of Analysis

Client:				Date Collected:	8/9/2024 12:00:00 AM
Project:				Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	GCN99			SDG No.:	BG082324
Lab Sample ID:	P3695-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.6
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062573.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
001120-16-7	Dodecanamide	130	J			22.973	
E966796	Total Alkanes	3800				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCNA3			SDG No.:	BG082324
Lab Sample ID:	P3695-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.2
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062574.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.8	79	ug/Kg
100-52-7	Benzaldehyde	68	U	68	97.3	390	ug/Kg
110-86-1	Pyridine	91	U	91	190	390	ug/Kg
108-95-2	Phenol	35	U	35	97.3	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	97.3	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.1	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	97.3	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	97.3	390	ug/Kg
98-86-2	Acetophenone	78	U	78	97.3	390	ug/Kg
106-44-5	4-Methylphenol	63	U	63	97.3	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	93	U	93	50.1	200	ug/Kg
67-72-1	Hexachloroethane	72	U	72	50.1	200	ug/Kg
98-95-3	Nitrobenzene	75	U	75	50.1	200	ug/Kg
78-59-1	Isophorone	78	U	78	50.1	200	ug/Kg
88-75-5	2-Nitrophenol	71	U	71	50.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	50.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	50.1	200	ug/Kg
91-20-3	Naphthalene	28	U	28	50.1	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	50.1	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	50.1	200	ug/Kg
105-60-2	Caprolactam	75	U	75	97.3	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	50.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	50.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	50.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	97.3	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	50.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	50.1	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCNA3			SDG No.:	BG082324
Lab Sample ID:	P3695-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.2
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062574.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	50.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	50.1	200	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	50.1	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	50.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50.1	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	50.1	200	ug/Kg
99-09-2	3-Nitroaniline	78	U	78	97.3	390	ug/Kg
83-32-9	Acenaphthene	31	U	31	50.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	97.3	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	97.3	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	50.1	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	50.1	200	ug/Kg
86-73-7	Fluorene	32	U	32	50.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.1	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	97.3	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	97.3	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	50.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	50.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50.1	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	50.1	200	ug/Kg
1912-24-9	Atrazine	33	U	33	97.3	390	ug/Kg
87-86-5	Pentachlorophenol	4300		100	97.3	390	ug/Kg
85-01-8	Phenanthrene	32	U	32	50.1	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.1	200	ug/Kg
120-12-7	Anthracene	29	U	29	50.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50.1	200	ug/Kg
86-74-8	Carbazole	40	U	40	97.3	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.1	200	ug/Kg
206-44-0	Fluoranthene	22	U	22	97.3	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCNA3			SDG No.:	BG082324
Lab Sample ID:	P3695-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.2
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062574.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	50.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	50.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	97.3	390	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	50.1	200	ug/Kg
218-01-9	Chrysene	28	U	28	50.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	50.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	97.3	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	44	50.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	50.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	50.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	50.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	50.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	70	J	42	50.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.813		15-120		23	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	13.236		10-130		33	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.012		10-150		30	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.1		15-120		35	SPK: -40
190780-66-6	4-Methylphenol-d8	13.465		10-140		34	SPK: -40
4165-60-0	Nitrobenzene-d5	16.078		10-135		40	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.424		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.972		10-140		37	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.423		1-145		9	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.901		10-145		32	SPK: -40
93951-97-4	Acenaphthylene-d8	14.526		15-120		36	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.185		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	13.98		20-140		35	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCNA3			SDG No.:	BG082324
Lab Sample ID:	P3695-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.2
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062574.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.611		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	14.687		10-150		37	SPK: -40
1718-52-1	Pyrene-d10	16.119		10-130		40	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.914		10-140		37	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70329	7.941				
1146-65-2	Naphthalene-d8	325732	10.731				
15067-26-2	Acenaphthene-d10	240162	14.561				
1517-22-2	Phenanthrene-d10	478503	17.305				
1719-03-5	Chrysene-d12	408793	21.546				
1520-96-3	Perylene-d12	474768	24.636				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	81	J			11.324	
	unknown-02	96	J			11.377	
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.465	
000475-20-7	Longifolene	190	J			13.839	
000469-61-4	1H-3a,7-Methanoazulene, 2,3,4,7,8,	88	J			13.886	
005989-54-8	Cyclohexene, 1-methyl-4-(1-methyle	96	J			14.385	
092692-39-2	(1R,4R,4aS,8aR)-4,7-Dimethyl-1-(pr	220	J			14.461	
	(DEL) Alkane: Straight-Chain15.413	140	J			15.413	
	(DEL) Alkane: Straight-Chain15.818	200	J			15.818	
	(DEL) Alkane: Straight-Chain16.276	260	J			16.276	
	(DEL) Alkane: Straight-Chain16.300	170	J			16.3	
	(DEL) Alkane: Straight-Chain17.064	250	J			17.064	
	(DEL) Alkane: Straight-Chain17.122	290	J			17.122	
	(DEL) Alkane: Straight-Chain17.804	280	J			17.804	
000638-53-9	Tridecanoic acid	87	J			18.197	
	(DEL) Alkane: Straight-Chain18.497	190	J			18.497	
	(DEL) Alkane: Straight-Chain19.126	110	J			19.126	

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCNA3			SDG No.:	BG082324
Lab Sample ID:	P3695-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.2
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062574.D	1	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	150	J			20.395	
	unknown-03	1500	J			20.565	
	unknown-04	220	J			20.606	
074339-53-0	Trichloroacetic acid, pentadecyl e	130	J			21.211	
1000155-43-5	Tetralin, 6-acetyl-8-isopropyl-2,5	240	J			22.321	
000301-02-0	9-Octadecenamide, (Z)-	140	J			22.973	
E966796	Total Alkanes	1900				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCN87DL			SDG No.:	BG082324
Lab Sample ID:	P3696-01DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	8.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062575.D	30	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	880	U	880	220	2200	ug/Kg
100-52-7	Benzaldehyde	1900	U	1900	2700	11000	ug/Kg
110-86-1	Pyridine	2500	U	2500	5400	11000	ug/Kg
108-95-2	Phenol	980	U	980	2700	11000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	950	U	950	2700	11000	ug/Kg
95-57-8	2-Chlorophenol	920	U	920	1400	5600	ug/Kg
95-48-7	2-Methylphenol	1000	U	1000	2700	11000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300	U	1300	2700	11000	ug/Kg
98-86-2	Acetophenone	2200	U	2200	2700	11000	ug/Kg
106-44-5	4-Methylphenol	1700	U	1700	2700	11000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2600	U	2600	1400	5600	ug/Kg
67-72-1	Hexachloroethane	2000	U	2000	1400	5600	ug/Kg
98-95-3	Nitrobenzene	2100	U	2100	1400	5600	ug/Kg
78-59-1	Isophorone	2200	U	2200	1400	5600	ug/Kg
88-75-5	2-Nitrophenol	2000	U	2000	1400	5600	ug/Kg
105-67-9	2,4-Dimethylphenol	1000	U	1000	1400	5600	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1500	U	1500	1400	5600	ug/Kg
120-83-2	2,4-Dichlorophenol	1200	U	1200	1400	5600	ug/Kg
91-20-3	Naphthalene	790	U	790	1400	5600	ug/Kg
106-47-8	4-Chloroaniline	1200	U	1200	1400	11000	ug/Kg
87-68-3	Hexachlorobutadiene	1100	U	1100	1400	5600	ug/Kg
105-60-2	Caprolactam	2100	U	2100	2700	11000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300	U	1300	1400	5600	ug/Kg
90-12-0	1-Methylnaphthalene	790	U	790	1400	5600	ug/Kg
91-57-6	2-Methylnaphthalene	1000	U	1000	1400	5600	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3200	U	3200	2700	11000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	790	U	790	1400	5600	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100	U	1100	1400	5600	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCN87DL			SDG No.:	BG082324
Lab Sample ID:	P3696-01DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	8.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062575.D	30	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	850	U	850	1400	5600	ug/Kg
91-58-7	2-Chloronaphthalene	1100	U	1100	1400	5600	ug/Kg
88-74-4	2-Nitroaniline	1500	U	1500	1400	5600	ug/Kg
131-11-3	Dimethylphthalate	980	U	980	1400	5600	ug/Kg
606-20-2	2,6-Dinitrotoluene	650	U	650	1400	5600	ug/Kg
208-96-8	Acenaphthylene	950	U	950	1400	5600	ug/Kg
99-09-2	3-Nitroaniline	2200	U	2200	2700	11000	ug/Kg
83-32-9	Acenaphthene	850	U	850	1400	5600	ug/Kg
51-28-5	2,4-Dinitrophenol	4300	U	4300	2700	11000	ug/Kg
100-02-7	4-Nitrophenol	1400	U	1400	2700	11000	ug/Kg
132-64-9	Dibenzofuran	880	U	880	1400	5600	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100	U	1100	1400	5600	ug/Kg
84-66-2	Diethylphthalate	1100	U	1100	1400	5600	ug/Kg
86-73-7	Fluorene	880	U	880	1400	5600	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	650	U	650	1400	5600	ug/Kg
100-01-6	4-Nitroaniline	790	U	790	2700	11000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	2700	11000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	790	U	790	1400	5600	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100	U	1100	1400	5600	ug/Kg
101-55-3	4-Bromophenyl-phenylether	850	U	850	1400	5600	ug/Kg
118-74-1	Hexachlorobenzene	920	U	920	1400	5600	ug/Kg
1912-24-9	Atrazine	920	U	920	2700	11000	ug/Kg
87-86-5	Pentachlorophenol	130000	D	2900	2700	11000	ug/Kg
85-01-8	Phenanthrene	880	U	880	1400	5600	ug/Kg
608-93-5	Pentachlorobenzene	1200	U	1200	1400	5600	ug/Kg
120-12-7	Anthracene	820	U	820	1400	5600	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	560	U	560	1400	5600	ug/Kg
86-74-8	Carbazole	1100	U	1100	2700	11000	ug/Kg
84-74-2	Di-n-butylphthalate	880	U	880	1400	5600	ug/Kg
206-44-0	Fluoranthene	620	U	620	2700	5600	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCN87DL			SDG No.:	BG082324
Lab Sample ID:	P3696-01DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	8.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062575.D	30	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600	JD	590	1400	5600	ug/Kg
85-68-7	Butylbenzylphthalate	720	U	720	1400	5600	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1700	U	1700	2700	11000	ug/Kg
56-55-3	Benzo(a)anthracene	750	U	750	1400	5600	ug/Kg
218-01-9	Chrysene	790	U	790	1400	5600	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	820	U	820	1400	5600	ug/Kg
117-84-0	Di-n-octyl phthalate	1600	U	1600	2700	11000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200	U	1200	1400	5600	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200	U	1200	1400	5600	ug/Kg
50-32-8	Benzo(a)pyrene	1000	U	1000	1400	5600	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	920	U	920	1400	5600	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	850	U	850	1400	5600	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000	U	1000	1400	5600	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2400	JD	1200	1400	5600	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	10.2	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	15.45		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.91		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.16		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	15.15		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	19.29		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.77		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.2		10-140		41	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.34		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	18.66		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	18.03		20-140		45	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCN87DL			SDG No.:	BG082324
Lab Sample ID:	P3696-01DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	8.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062575.D	30	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	21.81		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	19.14		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.49		10-140		36	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60254	7.935				
1146-65-2	Naphthalene-d8	287463	10.731				
15067-26-2	Acenaphthene-d10	204184	14.561				
1517-22-2	Phenanthrene-d10	398503	17.304				
1719-03-5	Chrysene-d12	336048	21.552				
1520-96-3	Perylene-d12	381332	24.636				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain13.104	2300	JD			13.104	
	(DEL) Alkane: Straight-Chain13.386	5100	JD			13.386	
	(DEL) Alkane: Straight-Chain14.050	4900	JD			14.05	
	(DEL) Alkane: Straight-Chain14.461	10000	JD			14.461	
	unknown-01	3100	JD			14.961	
	(DEL) Alkane: Straight-Chain15.084	3800	JD			15.084	
	(DEL) Alkane: Straight-Chain15.413	9200	JD			15.413	
	(DEL) Alkane: Straight-Chain15.818	17000	JD			15.818	
1000383-71-4	3-Isopropyl- 1-methylnaphthalene	3200	JD			15.918	
	(DEL) Alkane: Straight-Chain15.977	3400	JD			15.977	
	(DEL) Alkane: Cyclic16.030	2200	JD			16.03	
	(DEL) Alkane: Straight-Chain16.276	15000	JD			16.276	
	(DEL) Alkane: Straight-Chain16.300	12000	JD			16.3	
	(DEL) Alkane: Straight-Chain17.069	11000	JD			17.069	
	(DEL) Alkane: Straight-Chain17.122	17000	JD			17.122	
	(DEL) Alkane: Straight-Chain17.727	3500	JD			17.727	
	(DEL) Alkane: Straight-Chain17.804	12000	JD			17.804	

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCN87DL			SDG No.:	BG082324
Lab Sample ID:	P3696-01DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	8.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062575.D	30	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain18.497	8000	JD			18.497	
001576-67-6	Phenanthrene, 3,6-dimethyl-	3100	JD			19.014	
035599-77-0	Tridecane, 1-iodo-	4700	JD			19.125	
E966796	Total Alkanes	140000	D			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCN88DL			SDG No.:	BG082324
Lab Sample ID:	P3696-04DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.4
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062576.D	30	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	900	U	900	220	2200	ug/Kg
100-52-7	Benzaldehyde	1900	U	1900	2800	11000	ug/Kg
110-86-1	Pyridine	2600	U	2600	5500	11000	ug/Kg
108-95-2	Phenol	1000	U	1000	2800	11000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	970	U	970	2800	11000	ug/Kg
95-57-8	2-Chlorophenol	940	U	940	1400	5700	ug/Kg
95-48-7	2-Methylphenol	1000	U	1000	2800	11000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300	U	1300	2800	11000	ug/Kg
98-86-2	Acetophenone	2200	U	2200	2800	11000	ug/Kg
106-44-5	4-Methylphenol	1800	U	1800	2800	11000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2600	U	2600	1400	5700	ug/Kg
67-72-1	Hexachloroethane	2000	U	2000	1400	5700	ug/Kg
98-95-3	Nitrobenzene	2100	U	2100	1400	5700	ug/Kg
78-59-1	Isophorone	2200	U	2200	1400	5700	ug/Kg
88-75-5	2-Nitrophenol	2000	U	2000	1400	5700	ug/Kg
105-67-9	2,4-Dimethylphenol	1100	U	1100	1400	5700	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1500	U	1500	1400	5700	ug/Kg
120-83-2	2,4-Dichlorophenol	1300	U	1300	1400	5700	ug/Kg
91-20-3	Naphthalene	800	U	800	1400	5700	ug/Kg
106-47-8	4-Chloroaniline	1200	U	1200	1400	11000	ug/Kg
87-68-3	Hexachlorobutadiene	1200	U	1200	1400	5700	ug/Kg
105-60-2	Caprolactam	2100	U	2100	2800	11000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400	U	1400	1400	5700	ug/Kg
90-12-0	1-Methylnaphthalene	4200	JD	800	1400	5700	ug/Kg
91-57-6	2-Methylnaphthalene	1700	JD	1100	1400	5700	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3200	U	3200	2800	11000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	800	U	800	1400	5700	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100	U	1100	1400	5700	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCN88DL			SDG No.:	BG082324
Lab Sample ID:	P3696-04DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.4
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062576.D	30	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	870	U	870	1400	5700	ug/Kg
91-58-7	2-Chloronaphthalene	1100	U	1100	1400	5700	ug/Kg
88-74-4	2-Nitroaniline	1500	U	1500	1400	5700	ug/Kg
131-11-3	Dimethylphthalate	1000	U	1000	1400	5700	ug/Kg
606-20-2	2,6-Dinitrotoluene	670	U	670	1400	5700	ug/Kg
208-96-8	Acenaphthylene	970	U	970	1400	5700	ug/Kg
99-09-2	3-Nitroaniline	2200	U	2200	2800	11000	ug/Kg
83-32-9	Acenaphthene	1800	JD	870	1400	5700	ug/Kg
51-28-5	2,4-Dinitrophenol	4400	U	4400	2800	11000	ug/Kg
100-02-7	4-Nitrophenol	1500	U	1500	2800	11000	ug/Kg
132-64-9	Dibenzofuran	900	U	900	1400	5700	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200	U	1200	1400	5700	ug/Kg
84-66-2	Diethylphthalate	1100	U	1100	1400	5700	ug/Kg
86-73-7	Fluorene	900	U	900	1400	5700	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	670	U	670	1400	5700	ug/Kg
100-01-6	4-Nitroaniline	800	U	800	2800	11000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300	U	1300	2800	11000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	800	U	800	1400	5700	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100	U	1100	1400	5700	ug/Kg
101-55-3	4-Bromophenyl-phenylether	870	U	870	1400	5700	ug/Kg
118-74-1	Hexachlorobenzene	940	U	940	1400	5700	ug/Kg
1912-24-9	Atrazine	940	U	940	2800	11000	ug/Kg
87-86-5	Pentachlorophenol	1400000	ED	2900	2800	11000	ug/Kg
85-01-8	Phenanthrene	22000	D	900	1400	5700	ug/Kg
608-93-5	Pentachlorobenzene	1200	U	1200	1400	5700	ug/Kg
120-12-7	Anthracene	840	U	840	1400	5700	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	570	U	570	1400	5700	ug/Kg
86-74-8	Carbazole	1100	U	1100	2800	11000	ug/Kg
84-74-2	Di-n-butylphthalate	900	U	900	1400	5700	ug/Kg
206-44-0	Fluoranthene	640	U	640	2800	5700	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCN88DL			SDG No.:	BG082324
Lab Sample ID:	P3696-04DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.4
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062576.D	30	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2900	JD	600	1400	5700	ug/Kg
85-68-7	Butylbenzylphthalate	740	U	740	1400	5700	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1700	U	1700	2800	11000	ug/Kg
56-55-3	Benzo(a)anthracene	770	U	770	1400	5700	ug/Kg
218-01-9	Chrysene	800	U	800	1400	5700	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3600	JD	840	1400	5700	ug/Kg
117-84-0	Di-n-octyl phthalate	1600	U	1600	2800	11000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200	U	1200	1400	5700	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300	U	1300	1400	5700	ug/Kg
50-32-8	Benzo(a)pyrene	1000	U	1000	1400	5700	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	940	U	940	1400	5700	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	870	U	870	1400	5700	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100	U	1100	1400	5700	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48000	D	1200	1400	5700	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	10.2	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	20.85		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.98		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.93		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	21.18		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	21.99		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.59		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.88		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.66		1-145		77	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.47		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	25.77		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	30.9		20-140		77	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCN88DL			SDG No.:	BG082324
Lab Sample ID:	P3696-04DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.4
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062576.D	30	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	40.02		10-130		100	SPK: -40
1719-06-8	Anthracene-d10	31.11		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	25.59		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.57		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57075	7.935				
1146-65-2	Naphthalene-d8	273529	10.732				
15067-26-2	Acenaphthene-d10	196327	14.562				
1517-22-2	Phenanthrene-d10	361873	17.317				
1719-03-5	Chrysene-d12	332248	21.552				
1520-96-3	Perylene-d12	379932	24.636				
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	8300	JD			8	
1000484-18-1	1,3-Hexanediol, 2-ethyl- (isomer 2	2800	JD			10.926	
1000484-18-2	1,3-Hexanediol, 2-ethyl- (isomer 1	5400	JD			11.014	
1000309-38-7	Oxalic acid, 2-ethylhexyl pentyl e	5800	JD			11.231	
	unknown-01	4400	JD			11.419	
006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethy	3400	JD			11.648	
	(DEL) Alkane: Straight-Chain11.760	5600	JD			11.76	
	(DEL) Alkane: Straight-Chain12.153	15000	JD			12.153	
	(DEL) Alkane: Straight-Chain12.964	2900	JD			12.964	
	(DEL) Alkane: Straight-Chain13.052	2200	JD			13.052	
	(DEL) Alkane: Straight-Chain13.105	6400	JD			13.105	
	unknown-02	2300	JD			13.24	
	(DEL) Alkane: Straight-Chain13.393	24000	JD			13.393	
020027-77-4	Naphthalene, 1,2,3,4-tetrahydro-5,	3600	JD			13.487	
000575-43-9	Naphthalene, 1,6-dimethyl-	15000	JD			13.733	
000573-98-8	Naphthalene, 1,2-dimethyl-	19000	JD			13.886	
000571-61-9	Naphthalene, 1,5-dimethyl-	11000	JD			13.933	

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCN88DL			SDG No.:	BG082324
Lab Sample ID:	P3696-04DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.4
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062576.D	30	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
019218-94-1	Tetradecane, 1-iodo-	8600	JD			14.051	
	(DEL) Alkane: Straight-Chain14.092	3500	JD			14.092	
	(DEL) Alkane: Straight-Chain14.168	5400	JD			14.168	
	unknown-03	2800	JD			14.262	
006624-71-1	Propanoic acid, 2-methyl-, dodecyl	5600	JD			14.327	
	(DEL) Alkane: Straight-Chain14.468	83000	JD			14.468	
	unknown-04	27000	JD			14.797	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	9300	JD			14.861	
	unknown-05	13000	JD			14.926	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	22000	JD			14.961	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	19000	JD			15.032	
	(DEL) Alkane: Straight-Chain15.085	20000	JD			15.085	
	(DEL) Alkane: Straight-Chain15.419	83000	JD			15.419	
	(DEL) Alkane: Straight-Chain15.478	7300	JD			15.478	
001855-47-6	1-Isopropenylnaphthalene	11000	JD			15.731	
	(DEL) Alkane: Straight-Chain15.825	44000	JD			15.825	
	(DEL) Alkane: Straight-Chain15.919	18000	JD			15.919	
	(DEL) Alkane: Straight-Chain15.972	21000	JD			15.972	
	unknown-06	23000	JD			16.036	
003031-15-0	Naphthalene, 1,2,3,4-tetramethyl-	8900	JD			16.124	
	(DEL) Alkane: Straight-Chain16.283	120000	JD			16.283	
	(DEL) Alkane: Straight-Chain16.630	14000	JD			16.63	
002523-37-7	9H-Fluorene, 9-methyl-	6200	JD			16.665	
	(DEL) Alkane: Straight-Chain16.741	9100	JD			16.741	
	(DEL) Alkane: Straight-Chain16.788	9400	JD			16.788	
	(DEL) Alkane: Straight-Chain16.859	8200	JD			16.859	
	(DEL) Alkane: Straight-Chain17.076	120000	JD			17.076	
054833-48-6	Heptadecane, 2,6,10,15-tetramethyl-	93000	JD			17.129	
1000309-14-9	Sulfurous acid, hexadecyl pentyl e	9900	JD			17.499	
	(DEL) Alkane: Straight-Chain17.546	16000	JD			17.546	

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	GCN88DL			SDG No.:	BG082324
Lab Sample ID:	P3696-04DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.4
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062576.D	30	8/22/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain17.616	21000	JD			17.616	
	(DEL) Alkane: Straight-Chain17.734	14000	JD			17.734	
	(DEL) Alkane: Straight-Chain17.816	110000	JD			17.816	
007372-88-5	Dibenzothiophene, 4-methyl-	28000	JD			17.892	
	(DEL) Alkane: Straight-Chain18.092	11000	JD			18.092	
000832-69-9	Phenanthrene, 1-methyl-	13000	JD			18.192	
	(DEL) Alkane: Straight-Chain18.316	7200	JD			18.316	
	(DEL) Alkane: Straight-Chain18.503	94000	JD			18.503	
016587-34-1	Naphtho[2,3-b]thiophene, 4,9-dimet	11000	JD			18.903	
000483-87-4	Phenanthrene, 1,7-dimethyl-	6200	JD			19.103	
	(DEL) Alkane: Straight-Chain19.132	71000	JD			19.132	
074630-83-4	1-Propene-2-thiol, 1,1-diphenyl-	7800	JD			19.297	
	(DEL) Alkane: Straight-Chain19.502	6400	JD			19.502	
	(DEL) Alkane: Straight-Chain20.236	34000	JD			20.236	
	(DEL) Alkane: Straight-Chain20.730	20000	JD			20.73	
	(DEL) Alkane: Straight-Chain21.223	9500	JD			21.223	
	(DEL) Alkane: Straight-Chain21.752	5300	JD			21.752	
E966796	Total Alkanes	1000000	D			99	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: BG082324

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID : GCN99									
P3695-04	GCN99	Solid	(DEL) Alkane: Straight-Chain13.3	*	84.000	J			
P3695-04	GCN99	Solid	(DEL) Alkane: Straight-Chain14.4	*	200.000	J			
P3695-04	GCN99	Solid	(DEL) Alkane: Straight-Chain15.0	*	77.000	J			
P3695-04	GCN99	Solid	(DEL) Alkane: Straight-Chain15.4	*	330.000	J			
P3695-04	GCN99	Solid	(DEL) Alkane: Straight-Chain15.8	*	260.000	J			
P3695-04	GCN99	Solid	(DEL) Alkane: Straight-Chain15.9	*	74.000	J			
P3695-04	GCN99	Solid	(DEL) Alkane: Straight-Chain16.2	*	450.000	J			
P3695-04	GCN99	Solid	(DEL) Alkane: Straight-Chain16.3	*	410.000	J			
P3695-04	GCN99	Solid	(DEL) Alkane: Straight-Chain17.0	*	470.000	J			
P3695-04	GCN99	Solid	(DEL) Alkane: Straight-Chain17.1	*	520.000	J			
P3695-04	GCN99	Solid	(DEL) Alkane: Straight-Chain17.7	*	120.000	J			
P3695-04	GCN99	Solid	(DEL) Alkane: Straight-Chain17.8	*	400.000	J			
P3695-04	GCN99	Solid	(DEL) Alkane: Straight-Chain18.4	*	260.000	J			
P3695-04	GCN99	Solid	(DEL) Alkane: Straight-Chain19.1	*	160.000	J			
P3695-04	GCN99	Solid	1-Phenoxypropan-2-ol	*	92.000	J			
P3695-04	GCN99	Solid	Dodecanamide	*	130.000	J			
P3695-04	GCN99	Solid	Oxirane, [(dodecyloxy)methyl]-	*	110.000	J			
P3695-04	GCN99	Solid	unknown-01	*	120.000	J			
P3695-04	GCN99	Solid	Total Alkanes	*	3,800.000		29	190	ug/Kg
			Total Tics :		**8,067.00**				
P3695-04	GCN99	Solid	Pentachlorophenol		3,300.000		98	370	ug/Kg
			Total Svoc :		**3,300.00**				
			Total Concentration:		**11,367.00**				
Client ID : GCNA0									
P3695-05	GCNA0	Solid	(DEL) Alkane: Cyclic11.233	*	110.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Cyclic11.996	*	130.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Cyclic14.405	*	210.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain11.5	*	96.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain11.6	*	140.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain11.7	*	400.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain12.1	*	730.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain12.7	*	110.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain12.8	*	84.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain12.9	*	120.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain13.0	*	100.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain13.1	*	320.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain13.3	*	930.000	J			

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Hit Summary Sheet
SW-846

SDG No.: BG082324

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain13.4	*	110.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain14.0	*	610.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain14.0	*	260.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain14.1	*	150.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain14.4	*	3,100.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain14.9	*	190.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain15.0	*	160.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain15.0	*	500.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain15.4	*	1,700.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain15.8	*	1,500.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain15.9	*	250.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain16.0	*	360.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain16.2	*	2,500.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain16.6	*	370.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain16.7	*	160.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain17.0	*	2,100.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain17.1	*	2,000.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain17.5	*	300.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain17.7	*	390.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain17.8	*	2,200.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain18.2	*	240.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain18.5	*	1,700.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain19.1	*	1,200.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain20.2	*	530.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain20.7	*	300.000	J			
P3695-05	GCNA0	Solid	(DEL) Alkane: Straight-Chain21.2	*	230.000	J			
P3695-05	GCNA0	Solid	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	*	390.000	J			
P3695-05	GCNA0	Solid	Carbonic acid, octadecyl prop-1-e	*	360.000	J			
P3695-05	GCNA0	Solid	Hexanoic acid, 2-ethyl-	*	210.000	J			
P3695-05	GCNA0	Solid	Longifolene	*	230.000	J			
P3695-05	GCNA0	Solid	Pyri dine	*	87.000	J			
P3695-05	GCNA0	Solid	Sulfurous acid, butyl tetradecyl e	*	510.000	J			
P3695-05	GCNA0	Solid	unknown-01	*	210.000	J			
P3695-05	GCNA0	Solid	unknown-02	*	220.000	J			
P3695-05	GCNA0	Solid	Total Alkanes	*	27,000.000		30	200	ug/Kg
			Total Tics :		**55,807.00**				
P3695-05	GCNA0	Solid	2,3,4,6-Tetrachlorophenol		730.000		42	200	ug/Kg
P3695-05	GCNA0	Solid	Pentachlorophenol		28,000.000	E	100	380	ug/Kg
P3695-05	GCNA0	Solid	Pyrene		130.000	J	21	200	ug/Kg
			Total Svoc :		**28,860.00**				

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Hit Summary Sheet
SW-846

SDG No.: BG082324

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
			Total Concentration:		**84,667.00**				
Client ID :	**GCNA1**								
P3695-06	GCNA1	Solid	(DEL) Alkane: Cyclic16.901	*	740.000	J			
P3695-06	GCNA1	Solid	(DEL) Alkane: Straight-Chain11.7	*	690.000	J			
P3695-06	GCNA1	Solid	(DEL) Alkane: Straight-Chain12.1	*	2,000.000	J			
P3695-06	GCNA1	Solid	(DEL) Alkane: Straight-Chain12.9	*	320.000	J			
P3695-06	GCNA1	Solid	(DEL) Alkane: Straight-Chain13.0	*	290.000	J			
P3695-06	GCNA1	Solid	(DEL) Alkane: Straight-Chain13.1	*	320.000	J			
P3695-06	GCNA1	Solid	(DEL) Alkane: Straight-Chain14.0	*	240.000	J			
P3695-06	GCNA1	Solid	(DEL) Alkane: Straight-Chain14.0	*	490.000	J			
P3695-06	GCNA1	Solid	(DEL) Alkane: Straight-Chain14.1	*	480.000	J			
P3695-06	GCNA1	Solid	(DEL) Alkane: Straight-Chain14.4	*	2,800.000	J			
P3695-06	GCNA1	Solid	(DEL) Alkane: Straight-Chain14.9	*	390.000	J			
P3695-06	GCNA1	Solid	(DEL) Alkane: Straight-Chain15.0	*	880.000	J			
P3695-06	GCNA1	Solid	(DEL) Alkane: Straight-Chain15.4	*	2,600.000	J			
P3695-06	GCNA1	Solid	(DEL) Alkane: Straight-Chain15.8	*	1,900.000	J			
P3695-06	GCNA1	Solid	(DEL) Alkane: Straight-Chain15.9	*	1,500.000	J			
P3695-06	GCNA1	Solid	(DEL) Alkane: Straight-Chain16.3	*	10,000.000	J			
P3695-06	GCNA1	Solid	(DEL) Alkane: Straight-Chain16.6	*	470.000	J			
P3695-06	GCNA1	Solid	(DEL) Alkane: Straight-Chain16.7	*	510.000	J			
P3695-06	GCNA1	Solid	(DEL) Alkane: Straight-Chain16.8	*	1,100.000	J			
P3695-06	GCNA1	Solid	(DEL) Alkane: Straight-Chain17.1	*	3,700.000	J			
P3695-06	GCNA1	Solid	(DEL) Alkane: Straight-Chain17.5	*	990.000	J			
P3695-06	GCNA1	Solid	(DEL) Alkane: Straight-Chain17.7	*	890.000	J			
P3695-06	GCNA1	Solid	(DEL) Alkane: Straight-Chain17.8	*	6,700.000	J			
P3695-06	GCNA1	Solid	(DEL) Alkane: Straight-Chain18.1	*	800.000	J			
P3695-06	GCNA1	Solid	(DEL) Alkane: Straight-Chain18.9	*	440.000	J			
P3695-06	GCNA1	Solid	(DEL) Alkane: Straight-Chain20.2	*	1,500.000	J			
P3695-06	GCNA1	Solid	(DEL) Alkane: Straight-Chain20.7	*	670.000	J			
P3695-06	GCNA1	Solid	(DEL) Alkane: Straight-Chain21.2	*	450.000	J			
P3695-06	GCNA1	Solid	1-(4-Methylphenyl)-4-phenylbuta	*	1,100.000	J			
P3695-06	GCNA1	Solid	1-Methyldibenzothiophene	*	1,700.000	J			
P3695-06	GCNA1	Solid	1H-Indene, 2,3-dihydro-5,6-dimet	*	560.000	J			
P3695-06	GCNA1	Solid	2-Bromotetradecane	*	5,200.000	J			
P3695-06	GCNA1	Solid	3,7-Dimethyldibenzothiophene	*	820.000	J			
P3695-06	GCNA1	Solid	9H-Fluorene, 1-methyl-	*	2,000.000	J			
P3695-06	GCNA1	Solid	Anthracene, 1-methyl-	*	2,200.000	J			
P3695-06	GCNA1	Solid	Chamazulene	*	1,000.000	J			
P3695-06	GCNA1	Solid	di-p-Tolylacetylene	*	760.000	J			
P3695-06	GCNA1	Solid	Dodecane, 1-iodo-	*	450.000	J			

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Hit Summary Sheet
SW-846

SDG No.: BG082324

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3695-06	GCNA1	Solid	Eicosane, 10-methyl-	*	3,800.000	J			
P3695-06	GCNA1	Solid	Naphthalene, 1,2,3,4-tetramethyl-	*	710.000	J			
P3695-06	GCNA1	Solid	Naphthalene, 1,3-dimethyl-	*	580.000	J			
P3695-06	GCNA1	Solid	Naphthalene, 1,4,6-trimethyl-	*	1,500.000	J			
P3695-06	GCNA1	Solid	Naphthalene, 1,6,7-trimethyl-	*	400.000	J			
P3695-06	GCNA1	Solid	Naphthalene, 1,6-dimethyl-	*	1,700.000	J			
P3695-06	GCNA1	Solid	Naphthalene, 2,3,6-trimethyl-	*	2,100.000	J			
P3695-06	GCNA1	Solid	Naphthalene, 2,3-dimethyl-	*	2,300.000	J			
P3695-06	GCNA1	Solid	Naphthalene, 2-(1-methylethyl)-	*	410.000	J			
P3695-06	GCNA1	Solid	Nonadecane	*	7,400.000	J			
P3695-06	GCNA1	Solid	Phenanthrene, 1,7-dimethyl-	*	640.000	J			
P3695-06	GCNA1	Solid	Phenanthrene, 1-methyl-	*	2,000.000	J			
P3695-06	GCNA1	Solid	Phenanthrene, 2-methyl-	*	680.000	J			
P3695-06	GCNA1	Solid	Phenanthrene, 3,6-dimethyl-	*	890.000	J			
P3695-06	GCNA1	Solid	Sulfurous acid, butyl dodecyl este	*	1,300.000	J			
P3695-06	GCNA1	Solid	Tetradecane, 1-iodo-	*	530.000	J			
P3695-06	GCNA1	Solid	unknown-01	*	880.000	J			
P3695-06	GCNA1	Solid	unknown-02	*	410.000	J			
P3695-06	GCNA1	Solid	unknown-03	*	1,500.000	J			
P3695-06	GCNA1	Solid	unknown-04	*	610.000	J			
P3695-06	GCNA1	Solid	Total Alkanes	*	44,000.000		31	200	ug/Kg
			Total Tics :		**133,990.00**				
P3695-06	GCNA1	Solid	1,1-Biphenyl		200.000		31	200	ug/Kg
P3695-06	GCNA1	Solid	1-Methylnaphthalene		2,600.000		29	200	ug/Kg
P3695-06	GCNA1	Solid	2,3,4,6-Tetrachlorophenol		2,000.000		43	200	ug/Kg
P3695-06	GCNA1	Solid	2-Methylnaphthalene		3,000.000		38	200	ug/Kg
P3695-06	GCNA1	Solid	Acenaphthene		510.000		31	200	ug/Kg
P3695-06	GCNA1	Solid	Anthracene		120.000	J	30	200	ug/Kg
P3695-06	GCNA1	Solid	Bis(2-ethylhexyl)phthalate		57.000	J	30	200	ug/Kg
P3695-06	GCNA1	Solid	Chrysene		88.000	J	29	200	ug/Kg
P3695-06	GCNA1	Solid	Fluoranthene		150.000	J	23	200	ug/Kg
P3695-06	GCNA1	Solid	Fluorene		630.000		32	200	ug/Kg
P3695-06	GCNA1	Solid	Naphthalene		180.000	J	29	200	ug/Kg
P3695-06	GCNA1	Solid	Pentachlorophenol		61,000.000	E	100	390	ug/Kg
P3695-06	GCNA1	Solid	Phenanthrene		5,000.000	E	32	200	ug/Kg
P3695-06	GCNA1	Solid	Pyrene		320.000		21	200	ug/Kg
			Total Svoc :		**75,855.00**				
			Total Concentration:		**209,845.00**				
Client ID :	**GCNA2**								
P3695-07	GCNA2	Solid	(DEL) Alkane: Cyclic16.035	*	470.000	J			

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Hit Summary Sheet
SW-846

SDG No.: BG082324

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3695-07	GCNA2	Solid	(DEL) Alkane: Cyclic16.887	*	230.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Cyclic17.668	*	200.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain11.1	*	160.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain11.7	*	160.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain12.1	*	830.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain12.3	*	180.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain12.9	*	110.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain13.0	*	110.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain13.1	*	190.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain13.3	*	1,300.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain13.4	*	110.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain13.6	*	97.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain14.0	*	510.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain14.1	*	130.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain14.4	*	2,000.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain14.9	*	190.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain15.0	*	120.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain15.0	*	570.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain15.4	*	2,500.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain15.4	*	100.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain15.8	*	1,700.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain15.9	*	320.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain15.9	*	470.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain16.2	*	4,100.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain16.6	*	420.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain16.6	*	450.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain16.7	*	190.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain17.0	*	4,300.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain17.1	*	1,700.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain17.4	*	200.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain17.5	*	370.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain17.6	*	480.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain17.7	*	440.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain17.8	*	4,100.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain18.0	*	330.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain18.2	*	190.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain18.2	*	260.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain18.3	*	110.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain18.5	*	2,900.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain18.9	*	230.000	J			

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Hit Summary Sheet
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SDG No.: BG082324

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain19.1	*	1,600.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain19.3	*	82.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain20.2	*	620.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain20.7	*	330.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain21.2	*	270.000	J			
P3695-07	GCNA2	Solid	(DEL) Alkane: Straight-Chain21.7	*	130.000	J			
P3695-07	GCNA2	Solid	1-Phenoxypropan-2-ol	*	190.000	J			
P3695-07	GCNA2	Solid	1-Propene-2-thiol, 1,1-diphenyl-	*	120.000	J			
P3695-07	GCNA2	Solid	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	*	150.000	J			
P3695-07	GCNA2	Solid	9-Octadecenamide, (Z)-	*	180.000	J			
P3695-07	GCNA2	Solid	Anthracene, 1,4-dimethyl-	*	87.000	J			
P3695-07	GCNA2	Solid	butanal, 2-[2-(2-methoxyphenyl)d	*	200.000	J			
P3695-07	GCNA2	Solid	Decane, 1-iodo-	*	110.000	J			
P3695-07	GCNA2	Solid	Decyl heptyl ether	*	170.000	J			
P3695-07	GCNA2	Solid	E-15-Heptadecenal	*	130.000	J			
P3695-07	GCNA2	Solid	Hexadecane, 1-chloro-	*	210.000	J			
P3695-07	GCNA2	Solid	Octacosane	*	85.000	J			
P3695-07	GCNA2	Solid	Phenanthrene, 2,3,5-trimethyl-	*	340.000	J			
P3695-07	GCNA2	Solid	Phenanthrene, 2,5-dimethyl-	*	120.000	J			
P3695-07	GCNA2	Solid	Phenanthrene, 3,6-dimethyl-	*	270.000	J			
P3695-07	GCNA2	Solid	Sulfurous acid, 2-ethylhexyl isohe	*	250.000	J			
P3695-07	GCNA2	Solid	Sulfurous acid, butyl dodecyl este	*	280.000	J			
P3695-07	GCNA2	Solid	Sulfurous acid, butyl pentadecyl e	*	210.000	J			
P3695-07	GCNA2	Solid	Tetradecane, 1-iodo-	*	320.000	J			
P3695-07	GCNA2	Solid	unknown-01	*	90.000	J			
P3695-07	GCNA2	Solid	unknown-02	*	160.000	J			
P3695-07	GCNA2	Solid	Total Alkanes	*	37,000.000		31	210	ug/Kg
			Total Tics :		**77,231.00**				
P3695-07	GCNA2	Solid	2,3,4,6-Tetrachlorophenol		970.000		44	210	ug/Kg
P3695-07	GCNA2	Solid	Pentachlorophenol		14,000.000	E	110	400	ug/Kg
P3695-07	GCNA2	Solid	Pyrene		140.000	J	22	210	ug/Kg
			Total Svoc :		**15,110.00**				
			Total Concentration:		**92,341.00**				
Client ID :	**GCNA3**								
P3695-08	GCNA3	Solid	(1R,4R,4aS,8aR)-4,7-Dimethyl-1-	*	220.000	J			
P3695-08	GCNA3	Solid	(DEL) Alkane: Straight-Chain15.4	*	140.000	J			
P3695-08	GCNA3	Solid	(DEL) Alkane: Straight-Chain15.8	*	200.000	J			
P3695-08	GCNA3	Solid	(DEL) Alkane: Straight-Chain16.2	*	260.000	J			
P3695-08	GCNA3	Solid	(DEL) Alkane: Straight-Chain16.3	*	170.000	J			
P3695-08	GCNA3	Solid	(DEL) Alkane: Straight-Chain17.0	*	250.000	J			

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Hit Summary Sheet
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SDG No.: BG082324

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3695-08	GCNA3	Solid	(DEL) Alkane: Straight-Chain17.1	*	290.000	J			
P3695-08	GCNA3	Solid	(DEL) Alkane: Straight-Chain17.8	*	280.000	J			
P3695-08	GCNA3	Solid	(DEL) Alkane: Straight-Chain18.4	*	190.000	J			
P3695-08	GCNA3	Solid	(DEL) Alkane: Straight-Chain19.1	*	110.000	J			
P3695-08	GCNA3	Solid	1-Phenoxypropan-2-ol	*	110.000	J			
P3695-08	GCNA3	Solid	1H-3a,7-Methanoazulene, 2,3,4,7,	*	88.000	J			
P3695-08	GCNA3	Solid	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	*	150.000	J			
P3695-08	GCNA3	Solid	9-Octadecenamide, (Z)-	*	140.000	J			
P3695-08	GCNA3	Solid	Cyclohexene, 1-methyl-4-(1-meth	*	96.000	J			
P3695-08	GCNA3	Solid	Longifolene	*	190.000	J			
P3695-08	GCNA3	Solid	Tetralin, 6-acetyl-8-isopropyl-2,5	*	240.000	J			
P3695-08	GCNA3	Solid	Trichloroacetic acid, pentadecyl e	*	130.000	J			
P3695-08	GCNA3	Solid	Tridecanoic acid	*	87.000	J			
P3695-08	GCNA3	Solid	unknown-01	*	81.000	J			
P3695-08	GCNA3	Solid	unknown-02	*	96.000	J			
P3695-08	GCNA3	Solid	unknown-03	*	1,500.000	J			
P3695-08	GCNA3	Solid	unknown-04	*	220.000	J			
P3695-08	GCNA3	Solid	Total Alkanes	*	1,900.000		31	200	ug/Kg
			Total Tics :		**7,138.00**				
P3695-08	GCNA3	Solid	2,3,4,6-Tetrachlorophenol		70.000	J	42	200	ug/Kg
P3695-08	GCNA3	Solid	Pentachlorophenol		4,300.000		100	390	ug/Kg
			Total Svoc :		**4,370.00**				
			Total Concentration:		**11,508.00**				
Client ID :	**GCNA4**								
P3695-09	GCNA4	Solid	(DEL) Alkane: Straight-Chain12.1	*	250.000	J			
P3695-09	GCNA4	Solid	(DEL) Alkane: Straight-Chain13.3	*	330.000	J			
P3695-09	GCNA4	Solid	(DEL) Alkane: Straight-Chain14.0	*	150.000	J			
P3695-09	GCNA4	Solid	(DEL) Alkane: Straight-Chain14.4	*	690.000	J			
P3695-09	GCNA4	Solid	(DEL) Alkane: Straight-Chain15.4	*	550.000	J			
P3695-09	GCNA4	Solid	(DEL) Alkane: Straight-Chain15.8	*	590.000	J			
P3695-09	GCNA4	Solid	(DEL) Alkane: Straight-Chain15.9	*	180.000	J			
P3695-09	GCNA4	Solid	(DEL) Alkane: Straight-Chain16.0	*	130.000	J			
P3695-09	GCNA4	Solid	(DEL) Alkane: Straight-Chain16.1	*	140.000	J			
P3695-09	GCNA4	Solid	(DEL) Alkane: Straight-Chain16.2	*	870.000	J			
P3695-09	GCNA4	Solid	(DEL) Alkane: Straight-Chain16.3	*	800.000	J			
P3695-09	GCNA4	Solid	(DEL) Alkane: Straight-Chain17.0	*	610.000	J			
P3695-09	GCNA4	Solid	(DEL) Alkane: Straight-Chain17.1	*	970.000	J			
P3695-09	GCNA4	Solid	(DEL) Alkane: Straight-Chain17.7	*	350.000	J			
P3695-09	GCNA4	Solid	(DEL) Alkane: Straight-Chain17.8	*	730.000	J			
P3695-09	GCNA4	Solid	(DEL) Alkane: Straight-Chain18.5	*	550.000	J			

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Hit Summary Sheet
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SDG No.: BG082324

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3695-09	GCNA4	Solid	(DEL) Alkane: Straight-Chain19.1	*	430.000	J			
P3695-09	GCNA4	Solid	(DEL) Alkane: Straight-Chain20.2	*	140.000	J			
P3695-09	GCNA4	Solid	(DEL) Alkane: Straight-Chain20.7	*	87.000	J			
P3695-09	GCNA4	Solid	1-Phenoxypropan-2-ol	*	95.000	J			
P3695-09	GCNA4	Solid	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	*	380.000	J			
P3695-09	GCNA4	Solid	Cyclododecanone, 2-methylene-	*	110.000	J			
P3695-09	GCNA4	Solid	D-Limonene	*	86.000	J			
P3695-09	GCNA4	Solid	Decane	*	89.000	J			
P3695-09	GCNA4	Solid	Longifolene	*	160.000	J			
P3695-09	GCNA4	Solid	Oxalic acid, cyclobutyl heptadecy	*	110.000	J			
P3695-09	GCNA4	Solid	Sulfurous acid, 2-propyl tridecyl	*	140.000	J			
P3695-09	GCNA4	Solid	Tetradecanoic acid, 2-oxo-, methy	*	87.000	J			
P3695-09	GCNA4	Solid	unknown-01	*	120.000	J			
P3695-09	GCNA4	Solid	Total Alkanes	*	8,500.000		33	220	ug/Kg
			Total Tics :		**18,424.00**				
P3695-09	GCNA4	Solid	2,3,4,6-Tetrachlorophenol		360.000		46	220	ug/Kg
P3695-09	GCNA4	Solid	Bis(2-ethylhexyl)phthalate		79.000	J	32	220	ug/Kg
P3695-09	GCNA4	Solid	Pentachlorophenol		12,000.000	E	110	420	ug/Kg
P3695-09	GCNA4	Solid	Pyrene		59.000	J	23	220	ug/Kg
			Total Svoc :		**12,498.00**				
			Total Concentration:		**30,922.00**				
Client ID :	**GCN87**								
P3696-01	GCN87	Solid	(DEL) Alkane: Cyclic11.230	*	130.000	J			
P3696-01	GCN87	Solid	(DEL) Alkane: Cyclic11.412	*	130.000	J			
P3696-01	GCN87	Solid	(DEL) Alkane: Cyclic12.293	*	110.000	J			
P3696-01	GCN87	Solid	(DEL) Alkane: Straight-Chain11.7	*	910.000	J			
P3696-01	GCN87	Solid	(DEL) Alkane: Straight-Chain12.1	*	1,000.000	J			
P3696-01	GCN87	Solid	(DEL) Alkane: Straight-Chain12.9	*	140.000	J			
P3696-01	GCN87	Solid	(DEL) Alkane: Straight-Chain13.0	*	180.000	J			
P3696-01	GCN87	Solid	(DEL) Alkane: Straight-Chain13.1	*	570.000	J			
P3696-01	GCN87	Solid	(DEL) Alkane: Straight-Chain13.4	*	1,200.000	J			
P3696-01	GCN87	Solid	(DEL) Alkane: Straight-Chain13.4	*	180.000	J			
P3696-01	GCN87	Solid	(DEL) Alkane: Straight-Chain13.7	*	110.000	J			
P3696-01	GCN87	Solid	(DEL) Alkane: Straight-Chain14.1	*	180.000	J			
P3696-01	GCN87	Solid	(DEL) Alkane: Straight-Chain14.4	*	2,000.000	J			
P3696-01	GCN87	Solid	(DEL) Alkane: Straight-Chain14.9	*	270.000	J			
P3696-01	GCN87	Solid	(DEL) Alkane: Straight-Chain14.9	*	580.000	J			
P3696-01	GCN87	Solid	(DEL) Alkane: Straight-Chain15.1	*	820.000	J			
P3696-01	GCN87	Solid	(DEL) Alkane: Straight-Chain15.4	*	1,400.000	J			
P3696-01	GCN87	Solid	(DEL) Alkane: Straight-Chain15.8	*	1,900.000	J			

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Hit Summary Sheet
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SDG No.: BG082324

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3696-01	GCN87	Solid	(DEL) Alkane: Straight-Chain16.(	*	980.000	J			
P3696-01	GCN87	Solid	(DEL) Alkane: Straight-Chain16.1	*	410.000	J			
P3696-01	GCN87	Solid	(DEL) Alkane: Straight-Chain16.3	*	3,800.000	J			
P3696-01	GCN87	Solid	(DEL) Alkane: Straight-Chain16.3	*	2,700.000	J			
P3696-01	GCN87	Solid	(DEL) Alkane: Straight-Chain16.(	*	410.000	J			
P3696-01	GCN87	Solid	(DEL) Alkane: Straight-Chain17.(	*	2,800.000	J			
P3696-01	GCN87	Solid	(DEL) Alkane: Straight-Chain17.1	*	3,800.000	J			
P3696-01	GCN87	Solid	(DEL) Alkane: Straight-Chain17.7	*	820.000	J			
P3696-01	GCN87	Solid	(DEL) Alkane: Straight-Chain17.8	*	2,700.000	J			
P3696-01	GCN87	Solid	(DEL) Alkane: Straight-Chain18.5	*	2,100.000	J			
P3696-01	GCN87	Solid	(DEL) Alkane: Straight-Chain20.2	*	940.000	J			
P3696-01	GCN87	Solid	(DEL) Alkane: Straight-Chain20.7	*	720.000	J			
P3696-01	GCN87	Solid	1,6-Dimethyl-4-ethylnaphthalene	*	590.000	J			
P3696-01	GCN87	Solid	1-Bromoeicosane	*	1,000.000	J			
P3696-01	GCN87	Solid	1-Hexacosanol	*	340.000	J			
P3696-01	GCN87	Solid	1-Iodo-2-methylundecane	*	480.000	J			
P3696-01	GCN87	Solid	1-Isobutyl-3-methylbutyl methylp	*	120.000	J			
P3696-01	GCN87	Solid	1-Propene-2-thiol, 1,1-diphenyl-	*	330.000	J			
P3696-01	GCN87	Solid	1H-Indene, 2,3-dihydro-1,3-dimet	*	180.000	J			
P3696-01	GCN87	Solid	2,4,5-Trichlorophenyl disulfide	*	370.000	J			
P3696-01	GCN87	Solid	Benzene, 1,3,5-trimethyl-2-propyl	*	120.000	J			
P3696-01	GCN87	Solid	Benzene, 1,4-dimethyl-2-(2-methy	*	170.000	J			
P3696-01	GCN87	Solid	Carbonic acid, tetradecyl vinyl es	*	440.000	J			
P3696-01	GCN87	Solid	Dodecane, 1-iodo-	*	770.000	J			
P3696-01	GCN87	Solid	Naphthalene, 1,6-dimethyl-	*	170.000	J			
P3696-01	GCN87	Solid	Naphthalene, 2,3,6-trimethyl-	*	330.000	J			
P3696-01	GCN87	Solid	Phenanthrene, 2,3,5-trimethyl-	*	1,900.000	J			
P3696-01	GCN87	Solid	Phenanthrene, 3,6-dimethyl-	*	810.000	J			
P3696-01	GCN87	Solid	Pyrene, 2-methyl-	*	820.000	J			
P3696-01	GCN87	Solid	Tetradecane, 1-iodo-	*	1,100.000	J			
P3696-01	GCN87	Solid	unknown-01	*	210.000	J			
P3696-01	GCN87	Solid	unknown-02	*	110.000	J			
P3696-01	GCN87	Solid	unknown-03	*	240.000	J			
P3696-01	GCN87	Solid	unknown-04	*	290.000	J			
P3696-01	GCN87	Solid	unknown-05	*	190.000	J			
P3696-01	GCN87	Solid	unknown-06	*	230.000	J			
P3696-01	GCN87	Solid	Total Alkanes	*	34,000.000		28	190	ug/Kg
			Total Tics :		**79,300.00**				
P3696-01	GCN87	Solid	1-Methylnaphthalene		170.000	J	26	190	ug/Kg
P3696-01	GCN87	Solid	2,3,4,6-Tetrachlorophenol		1,700.000		39	190	ug/Kg

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Hit Summary Sheet
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SDG No.: BG082324

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3696-01	GCN87	Solid	2-Methylnaphthalene		200.000		35	190	ug/Kg
P3696-01	GCN87	Solid	Benzo(a)anthracene		74.000	J	25	190	ug/Kg
P3696-01	GCN87	Solid	Chrysene		380.000		26	190	ug/Kg
P3696-01	GCN87	Solid	Fluoranthene		260.000		21	190	ug/Kg
P3696-01	GCN87	Solid	Pentachlorophenol		74,000.000	E	96	360	ug/Kg
P3696-01	GCN87	Solid	Phenanthrene		350.000		29	190	ug/Kg
P3696-01	GCN87	Solid	Pyrene		970.000		20	190	ug/Kg
			Total Svoc :		**78,104.00**				
			Total Concentration:		**157,404.00**				
Client ID :	**GCN87DL**								
P3696-01DL	GCN87DL	Solid	(DEL) Alkane: Cyclic16.030	*	2,200.000	JD			
P3696-01DL	GCN87DL	Solid	(DEL) Alkane: Straight-Chain13.1	*	2,300.000	JD			
P3696-01DL	GCN87DL	Solid	(DEL) Alkane: Straight-Chain13.3	*	5,100.000	JD			
P3696-01DL	GCN87DL	Solid	(DEL) Alkane: Straight-Chain14.0	*	4,900.000	JD			
P3696-01DL	GCN87DL	Solid	(DEL) Alkane: Straight-Chain14.4	*	10,000.000	JD			
P3696-01DL	GCN87DL	Solid	(DEL) Alkane: Straight-Chain15.0	*	3,800.000	JD			
P3696-01DL	GCN87DL	Solid	(DEL) Alkane: Straight-Chain15.4	*	9,200.000	JD			
P3696-01DL	GCN87DL	Solid	(DEL) Alkane: Straight-Chain15.8	*	17,000.000	JD			
P3696-01DL	GCN87DL	Solid	(DEL) Alkane: Straight-Chain15.9	*	3,400.000	JD			
P3696-01DL	GCN87DL	Solid	(DEL) Alkane: Straight-Chain16.2	*	15,000.000	JD			
P3696-01DL	GCN87DL	Solid	(DEL) Alkane: Straight-Chain16.3	*	12,000.000	JD			
P3696-01DL	GCN87DL	Solid	(DEL) Alkane: Straight-Chain17.0	*	11,000.000	JD			
P3696-01DL	GCN87DL	Solid	(DEL) Alkane: Straight-Chain17.1	*	17,000.000	JD			
P3696-01DL	GCN87DL	Solid	(DEL) Alkane: Straight-Chain17.7	*	3,500.000	JD			
P3696-01DL	GCN87DL	Solid	(DEL) Alkane: Straight-Chain17.8	*	12,000.000	JD			
P3696-01DL	GCN87DL	Solid	(DEL) Alkane: Straight-Chain18.4	*	8,000.000	JD			
P3696-01DL	GCN87DL	Solid	3-Isopropyl- 1-methylnaphthalene	*	3,200.000	JD			
P3696-01DL	GCN87DL	Solid	Phenanthrene, 3,6-dimethyl-	*	3,100.000	JD			
P3696-01DL	GCN87DL	Solid	Tridecane, 1-iodo-	*	4,700.000	JD			
P3696-01DL	GCN87DL	Solid	unknown-01	*	3,100.000	JD			
P3696-01DL	GCN87DL	Solid	Total Alkanes	*	140,000.000	D	850	5600	ug/Kg
			Total Tics :		**290,500.00**				
P3696-01DL	GCN87DL	Solid	2,3,4,6-Tetrachlorophenol		2,400.000	JD	1200	5600	ug/Kg
P3696-01DL	GCN87DL	Solid	Pentachlorophenol		130,000.000	D	2900	11000	ug/Kg
P3696-01DL	GCN87DL	Solid	Pyrene		1,600.000	JD	590	5600	ug/Kg
			Total Svoc :		**134,000.00**				
			Total Concentration:		**424,500.00**				
Client ID :	**GCN88**								
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain10.8	*	1,100.000	JD			

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Hit Summary Sheet
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SDG No.: BG082324

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain11.5	*	1,400.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain11.7	*	3,600.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain12.1	*	9,700.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain13.0	*	1,300.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain13.1	*	4,000.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain13.4	*	15,000.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain14.0	*	10,000.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain14.0	*	2,000.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain14.1	*	3,300.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain14.4	*	48,000.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain14.9	*	10,000.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain15.0	*	12,000.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain15.4	*	44,000.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain15.4	*	5,100.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain15.8	*	25,000.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain15.9	*	11,000.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain15.9	*	11,000.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain16.3	*	63,000.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain16.6	*	6,400.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain16.7	*	7,000.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain16.7	*	4,500.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain16.8	*	6,900.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain16.8	*	10,000.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain17.1	*	45,000.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain17.5	*	3,200.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain17.7	*	8,000.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain17.8	*	51,000.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain18.5	*	44,000.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain19.1	*	40,000.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain20.2	*	44,000.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain20.7	*	33,000.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain21.2	*	14,000.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain21.7	*	7,400.000	JD			
P3696-04	GCN88	Solid	(DEL) Alkane: Straight-Chain9.16	*	1,500.000	JD			
P3696-04	GCN88	Solid	1,2-Benzenediol, O-(4-ethylbenzo	*	1,400.000	JD			
P3696-04	GCN88	Solid	1,3-Hexanediol, 2-ethyl-	*	4,000.000	JD			
P3696-04	GCN88	Solid	1,3-Hexanediol, 2-ethyl- (isomer 1	*	2,200.000	JD			
P3696-04	GCN88	Solid	1-Hexanol, 2-ethyl-	*	9,200.000	JD			
P3696-04	GCN88	Solid	1-Iodo-2-methylundecane	*	9,100.000	JD			
P3696-04	GCN88	Solid	1-Iodoundecane	*	1,800.000	JD			

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

Hit Summary Sheet
SW-846

SDG No.: BG082324

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3696-04	GCN88	Solid	1-Methyldibenzothiophene	*	14,000.000	JD			
P3696-04	GCN88	Solid	1H-Indene, 2,3-dihydro-1,6-dimet	*	1,300.000	JD			
P3696-04	GCN88	Solid	1H-Indene, 2,3-dihydro-4,5,7-trim	*	2,400.000	JD			
P3696-04	GCN88	Solid	1H-Indene, 2,3-dihydro-4,6-dimet	*	2,600.000	JD			
P3696-04	GCN88	Solid	2-Ethylhexyl 2-ethylhexanoate	*	8,300.000	JD			
P3696-04	GCN88	Solid	Butanoic acid	*	1,700.000	JD			
P3696-04	GCN88	Solid	Carbonic acid, prop-1-en-2-yl trid	*	2,300.000	JD			
P3696-04	GCN88	Solid	Naphthalene, 1,2,3,4-tetramethyl-	*	4,000.000	JD			
P3696-04	GCN88	Solid	Naphthalene, 1,2-dimethyl-	*	12,000.000	JD			
P3696-04	GCN88	Solid	Naphthalene, 1,6,7-trimethyl-	*	14,000.000	JD			
P3696-04	GCN88	Solid	Naphthalene, 1,6-dimethyl-	*	9,400.000	JD			
P3696-04	GCN88	Solid	Naphthalene, 2,3,6-trimethyl-	*	13,000.000	JD			
P3696-04	GCN88	Solid	Naphthalene, 2-(1-methylethyl)-	*	5,800.000	JD			
P3696-04	GCN88	Solid	Naphtho[2,3-b]thiophene, 4,9-dim	*	6,100.000	JD			
P3696-04	GCN88	Solid	Oxalic acid, 2-ethylhexyl pentyl e	*	3,900.000	JD			
P3696-04	GCN88	Solid	Phenanthrene, 1-methyl-	*	10,000.000	JD			
P3696-04	GCN88	Solid	Phenanthrene, 3-methyl-	*	12,000.000	JD			
P3696-04	GCN88	Solid	Sulfurous acid, butyl dodecyl este	*	12,000.000	JD			
P3696-04	GCN88	Solid	Sulfurous acid, butyl tridecyl est	*	13,000.000	JD			
P3696-04	GCN88	Solid	unknown-01	*	1,500.000	JD			
P3696-04	GCN88	Solid	unknown-02	*	2,900.000	JD			
P3696-04	GCN88	Solid	unknown-03	*	960.000	JD			
P3696-04	GCN88	Solid	unknown-04	*	1,200.000	JD			
P3696-04	GCN88	Solid	unknown-05	*	1,400.000	JD			
P3696-04	GCN88	Solid	Total Alkanes	*	610,000.000	D	290	1900	ug/Kg
			Total Tics :		**1,399,860.00**				
P3696-04	GCN88	Solid	1-Methylnaphthalene		4,100.000	D	270	1900	ug/Kg
P3696-04	GCN88	Solid	2,3,4,6-Tetrachlorophenol		47,000.000	ED	400	1900	ug/Kg
P3696-04	GCN88	Solid	2-Methylnaphthalene		1,700.000	JD	360	1900	ug/Kg
P3696-04	GCN88	Solid	Acenaphthene		1,700.000	JD	290	1900	ug/Kg
P3696-04	GCN88	Solid	Bis(2-ethylhexyl)phthalate		3,400.000	D	280	1900	ug/Kg
P3696-04	GCN88	Solid	Isophorone		990.000	JD	740	1900	ug/Kg
P3696-04	GCN88	Solid	Pentachlorophenol		1,200,000.000	ED	980	3700	ug/Kg
P3696-04	GCN88	Solid	Phenanthrene		21,000.000	D	300	1900	ug/Kg
P3696-04	GCN88	Solid	Pyrene		2,600.000	D	200	1900	ug/Kg
			Total Svoc :		**1,282,490.00**				
			Total Concentration:		**2,682,350.00**				
Client ID :	**GCN88DL**								
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain11.7	*	5,600.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain12.1	*	15,000.000	JD			

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

Hit Summary Sheet
SW-846

SDG No.: BG082324

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain12.9	*	2,900.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain13.0	*	2,200.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain13.1	*	6,400.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain13.3	*	24,000.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain14.0	*	3,500.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain14.1	*	5,400.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain14.4	*	83,000.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain15.0	*	20,000.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain15.4	*	83,000.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain15.4	*	7,300.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain15.8	*	44,000.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain15.9	*	18,000.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain15.9	*	21,000.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain16.2	*	120,000.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain16.6	*	14,000.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain16.7	*	9,100.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain16.7	*	9,400.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain16.8	*	8,200.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain17.0	*	120,000.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain17.5	*	16,000.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain17.6	*	21,000.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain17.7	*	14,000.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain17.8	*	110,000.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain18.0	*	11,000.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain18.3	*	7,200.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain18.5	*	94,000.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain19.1	*	71,000.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain19.5	*	6,400.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain20.2	*	34,000.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain20.7	*	20,000.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain21.2	*	9,500.000	JD			
P3696-04DL	GCN88DL	Solid	(DEL) Alkane: Straight-Chain21.7	*	5,300.000	JD			
P3696-04DL	GCN88DL	Solid	1,3-Hexanediol, 2-ethyl- (isomer 1	*	5,400.000	JD			
P3696-04DL	GCN88DL	Solid	1,3-Hexanediol, 2-ethyl- (isomer 2	*	2,800.000	JD			
P3696-04DL	GCN88DL	Solid	1-Hexanol, 2-ethyl-	*	8,300.000	JD			
P3696-04DL	GCN88DL	Solid	1-Isopropenylnaphthalene	*	11,000.000	JD			
P3696-04DL	GCN88DL	Solid	1-Propene-2-thiol, 1,1-diphenyl-	*	7,800.000	JD			
P3696-04DL	GCN88DL	Solid	1H-Indene, 2,3-dihydro-4,7-dimet	*	3,400.000	JD			
P3696-04DL	GCN88DL	Solid	9H-Fluorene, 9-methyl-	*	6,200.000	JD			
P3696-04DL	GCN88DL	Solid	Dibenzothiophene, 4-methyl-	*	28,000.000	JD			

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

Hit Summary Sheet
SW-846

SDG No.: BG082324

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3696-04DL	GCN88DL	Solid	Heptadecane, 2,6,10,15-tetrameth	*	93,000.000	JD			
P3696-04DL	GCN88DL	Solid	Naphthalene, 1,2,3,4-tetrahydro-5	*	3,600.000	JD			
P3696-04DL	GCN88DL	Solid	Naphthalene, 1,2,3,4-tetramethyl-	*	8,900.000	JD			
P3696-04DL	GCN88DL	Solid	Naphthalene, 1,2-dimethyl-	*	19,000.000	JD			
P3696-04DL	GCN88DL	Solid	Naphthalene, 1,4,6-trimethyl-	*	19,000.000	JD			
P3696-04DL	GCN88DL	Solid	Naphthalene, 1,5-dimethyl-	*	11,000.000	JD			
P3696-04DL	GCN88DL	Solid	Naphthalene, 1,6,7-trimethyl-	*	22,000.000	JD			
P3696-04DL	GCN88DL	Solid	Naphthalene, 1,6-dimethyl-	*	15,000.000	JD			
P3696-04DL	GCN88DL	Solid	Naphthalene, 2,3,6-trimethyl-	*	9,300.000	JD			
P3696-04DL	GCN88DL	Solid	Naphtho[2,3-b]thiophene, 4,9-dim	*	11,000.000	JD			
P3696-04DL	GCN88DL	Solid	Oxalic acid, 2-ethylhexyl pentyl e	*	5,800.000	JD			
P3696-04DL	GCN88DL	Solid	Phenanthrene, 1,7-dimethyl-	*	6,200.000	JD			
P3696-04DL	GCN88DL	Solid	Phenanthrene, 1-methyl-	*	13,000.000	JD			
P3696-04DL	GCN88DL	Solid	Propanoic acid, 2-methyl-, dodecy	*	5,600.000	JD			
P3696-04DL	GCN88DL	Solid	Sulfurous acid, hexadecyl pentyl e	*	9,900.000	JD			
P3696-04DL	GCN88DL	Solid	Tetradecane, 1-iodo-	*	8,600.000	JD			
P3696-04DL	GCN88DL	Solid	unknown-01	*	4,400.000	JD			
P3696-04DL	GCN88DL	Solid	unknown-02	*	2,300.000	JD			
P3696-04DL	GCN88DL	Solid	unknown-03	*	2,800.000	JD			
P3696-04DL	GCN88DL	Solid	unknown-04	*	27,000.000	JD			
P3696-04DL	GCN88DL	Solid	unknown-05	*	13,000.000	JD			
P3696-04DL	GCN88DL	Solid	unknown-06	*	23,000.000	JD			
P3696-04DL	GCN88DL	Solid	Total Alkanes	*	1,000,000.000	D	870	5700	ug/Kg
			Total Tics :		**2,447,700.00**				
P3696-04DL	GCN88DL	Solid	1-Methylnaphthalene		4,200.000	JD	800	5700	ug/Kg
P3696-04DL	GCN88DL	Solid	2,3,4,6-Tetrachlorophenol		48,000.000	D	1200	5700	ug/Kg
P3696-04DL	GCN88DL	Solid	2-Methylnaphthalene		1,700.000	JD	1100	5700	ug/Kg
P3696-04DL	GCN88DL	Solid	Acenaphthene		1,800.000	JD	870	5700	ug/Kg
P3696-04DL	GCN88DL	Solid	Bis(2-ethylhexyl)phthalate		3,600.000	JD	840	5700	ug/Kg
P3696-04DL	GCN88DL	Solid	Pentachlorophenol		1,400,000.000	ED	2900	11000	ug/Kg
P3696-04DL	GCN88DL	Solid	Phenanthrene		22,000.000	D	900	5700	ug/Kg
P3696-04DL	GCN88DL	Solid	Pyrene		2,900.000	JD	600	5700	ug/Kg
			Total Svoc :		**1,484,200.00**				
			Total Concentration:		**3,931,900.00**				

CHEMTECH

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: 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.

CHEMTECH

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: 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.

CHEMTECH

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: 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
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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG082324 SAS No.: BG082324 SDG NO.: BG082324

EPA Sample No.: SSTD020433 Date Analyzed: Aug 23 2024 12:00AM

Lab File ID: BG062392.D Time Analyzed: 11:08

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	SBLK928	78316	7.94	336188	10.73	269918	14.56
02	GCN87	87548 *	7.93	397795	10.73	245549	14.57
03	GCN87MS	75853	7.94	335952	10.73	204391	14.57
04	GCN87MSD	73102	7.94	333796	10.73	200300	14.57
05	GCN88	53927	7.94	251467	10.73	167749	14.56
06	GCNA0	70022	7.94	327052	10.73	223577	14.56
07	SBLK928	80563	7.94	386232	10.73	278115	14.56
08	GCNA4	75623	7.94	325495	10.73	235119	14.56
09	GCNA1	77391	7.94	330079	10.73	213837	14.57
10	GCNA2	67673	7.94	313849	10.73	229652	14.56
11	GCN99	70930	7.93	324906	10.73	233567	14.56
12	GCNA3	70329	7.94	325732	10.73	240162	14.56
13	GCN87DL	60254	7.94	287463	10.73	204184	14.56
14	GCN88DL	57075	7.94	273529	10.73	196327	14.56

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG082324 SAS No.: BG082324 SDG NO.: BG082324

EPA Sample No.: SSTD020473 Date Analyzed: Aug 23 2024 12:00AM

Lab File ID: BG062561.D Time Analyzed: 11:08

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	60720	7.936	265187	10.73	197853	14.56
	UPPER LIMIT	121440	8.436	530374	11.227	395706	15.057
	LOWER LIMIT	30360	7.436	132593.5	10.227	98926.5	14.057
	EPA SAMPLE NO.						
01	SBLK928	78316	7.94	336188	10.73	269918	14.56
02	GCN87	87548	7.93	397795	10.73	245549	14.57
03	GCN87MS	75853	7.94	335952	10.73	204391	14.57
04	GCN87MSD	73102	7.94	333796	10.73	200300	14.57
05	GCN88	53927	7.94	251467	10.73	167749	14.56
06	GCNA0	70022	7.94	327052	10.73	223577	14.56

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

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* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG082324 SAS No.: BG082324 SDG NO.: BG082324

EPA Sample No.: SSTD020474 Date Analyzed: Aug 23 2024 12:00AM

Lab File ID: BG062568.D Time Analyzed: 16:35

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	58277	7.94	256809	10.73	182169	14.57
	UPPER LIMIT	116554	8.44	513618	11.23	364338	15.066
	LOWER LIMIT	29138.5	7.44	128404.5	10.23	91084.5	14.066
	EPA SAMPLE NO.						
01	SBLK928	80563	7.94	386232	10.73	278115	14.56
02	GCNA4	75623	7.94	325495	10.73	235119	14.56
03	GCNA1	77391	7.94	330079	10.73	213837	14.57
04	GCNA2	67673	7.94	313849	10.73	229652	14.56
05	GCN99	70930	7.93	324906	10.73	233567	14.56
06	GCNA3	70329	7.94	325732	10.73	240162	14.56
07	GCN87DL	60254	7.94	287463	10.73	204184	14.56
08	GCN88DL	57075	7.94	273529	10.73	196327	14.56

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

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* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG082324 SAS No.: BG082324 SDG NO.: BG082324

EPA Sample No.: SSTD020433 Date Analyzed: Aug 23 2024 12:00AM

Lab File ID: BG062392.D Time Analyzed: 11:08

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	SBLK928	569610	17.31	501179	21.55	560277	24.64
02	GCN87	402060	17.33	436998	21.56	505902	24.65
03	GCN87MS	330215	17.34	363301	21.57	420137	24.66
04	GCN87MSD	331239	17.34	352314	21.57	417389	24.66
05	GCN88	286135	17.34	290011	21.57	334455	24.66
06	GCNA0	419191	17.32	369086	21.56	436707	24.65
07	SBLK928	561510	17.31	497615	21.55	537040	24.64
08	GCNA4	460069	17.31	407649	21.55	480361	24.64
09	GCNA1	375214	17.33	382161	21.55	427999	24.64
10	GCNA2	445253	17.31	397426	21.55	450739	24.64
11	GCN99	465112	17.30	411185	21.55	464223	24.64
12	GCNA3	478503	17.31	408793	21.55	474768	24.64
13	GCN87DL	398503	17.30	336048	21.55	381332	24.64
14	GCN88DL	361873	17.32	332248	21.55	379932	24.64

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG082324 SAS No.: BG082324 SDG NO.: BG082324

EPA Sample No.: SSTD020473 Date Analyzed: Aug 23 2024 12:00AM

Lab File ID: BG062561.D Time Analyzed: 11:08

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	408418	17.3	372147	21.553	424951	24.631
	UPPER LIMIT	816836	17.8	744294	22.053	849902	25.131
	LOWER LIMIT	204209	16.8	186073.5	21.053	212475.5	24.131
	EPA SAMPLE NO.						
01	SBLK928	569610	17.31	501179	21.55	560277	24.64
02	GCN87	402060	17.33	436998	21.56	505902	24.65
03	GCN87MS	330215	17.34	363301	21.57	420137	24.66
04	GCN87MSD	331239	17.34	352314	21.57	417389	24.66
05	GCN88	286135	17.34	290011	21.57	334455	24.66
06	GCNA0	419191	17.32	369086	21.56	436707	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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG082324 SAS No.: BG082324 SDG NO.: BG082324

EPA Sample No.: SSTD020474 Date Analyzed: Aug 23 2024 12:00AM

Lab File ID: BG062568.D Time Analyzed: 16:35

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	363401	17.304	319011	21.557	353799	24.641
	UPPER LIMIT	726802	17.804	638022	22.057	707598	25.141
	LOWER LIMIT	181700.5	16.804	159505.5	21.057	176899.5	24.141
	EPA SAMPLE NO.						
01	SBLK928	561510	17.31	497615	21.55	537040	24.64
02	GCNA4	460069	17.31	407649	21.55	480361	24.64
03	GCNA1	375214	17.33	382161	21.55	427999	24.64
04	GCNA2	445253	17.31	397426	21.55	450739	24.64
05	GCN99	465112	17.30	411185	21.55	464223	24.64
06	GCNA3	478503	17.31	408793	21.55	474768	24.64
07	GCN87DL	398503	17.30	336048	21.55	381332	24.64
08	GCN88DL	361873	17.32	332248	21.55	379932	24.64

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

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

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

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK928

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG082324 SAS No.: BG082324 SDG NO.: BG082324

Lab File ID: BG062562.D Lab Sample ID: PB162928BL

Instrument ID: BNA_G Date Extracted: 08/22/2024

Matrix: (soil/water) Solid Date Analyzed: 08/23/2024

Level: (low/med) LOW Time Analyzed: 11:08

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
GCNA4	P3695-09	BG062570.D	08/23/2024
GCNA1	P3695-06	BG062571.D	08/23/2024
GCNA2	P3695-07	BG062572.D	08/23/2024
GCN99	P3695-04	BG062573.D	08/23/2024
GCNA3	P3695-08	BG062574.D	08/23/2024
GCN87	P3696-01	BG062563.D	08/23/2024
GCN87MS	P3696-02MS	BG062564.D	08/23/2024
GCN87MSD	P3696-03MSD	BG062565.D	08/23/2024
GCN88	P3696-04	BG062566.D	08/23/2024
GCNA0	P3695-05	BG062567.D	08/23/2024

COMMENTS:

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG082324

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P3696-02MS		**Client Sample ID: GCN87MS**						**DataFile: BG062564.D**			
1,4-Dioxane	580		180	ug/Kg	31				15	120	
Benzaldehyde	1500		610	ug/Kg	41				0	0	
Pyridine	1500		100	ug/Kg	7				0	0	
Phenol	1500		550	ug/Kg	37				26	90	
Bis(2-chloroethyl)ether	1500		510	ug/Kg	34				0	0	
2-Chlorophenol	1500		600	ug/Kg	40				25	102	
2-Methylphenol	1500		580	ug/Kg	39				0	0	
2,2-oxybis(1-Chloropropane)	1500		570	ug/Kg	38				0	0	
Acetophenone	1500	0	570	ug/Kg	38				0	0	
4-Methylphenol	1500		560	ug/Kg	37				0	0	
N-Nitroso-di-n-propylamine	1500		540	ug/Kg	36	*			41	126	
Hexachloroethane	1500		460	ug/Kg	31				0	0	
Nitrobenzene	1500		700	ug/Kg	47				0	0	
Isophorone	1500		570	ug/Kg	38				0	0	
2-Nitrophenol	1500		820	ug/Kg	55				0	0	
2,4-Dimethylphenol	1500		580	ug/Kg	39				0	0	
Bis(2-chloroethoxy)methane	1500		580	ug/Kg	39				0	0	
2,4-Dichlorophenol	1500		660	ug/Kg	44				0	0	
Naphthalene	1500		610	ug/Kg	41				0	0	
4-Chloroaniline	1500		240	ug/Kg	16				0	0	
Hexachlorobutadiene	1500		650	ug/Kg	43				0	0	
Caprolactam	1500		480	ug/Kg	32				0	0	
4-Chloro-3-methylphenol	1500		590	ug/Kg	39				26	103	
1-Methylnaphthalene	1500	170	770	ug/Kg	40				0	0	
2-Methylnaphthalene	1500	200	820	ug/Kg	41				0	0	
Hexachlorocyclopentadiene	1500		610	ug/Kg	41				0	0	
2,4,6-Trichlorophenol	1500		760	ug/Kg	51				0	0	
2,4,5-Trichlorophenol	1500		760	ug/Kg	51				0	0	
1,1'-Biphenyl	1500		650	ug/Kg	43				0	0	
2-Chloronaphthalene	1500		680	ug/Kg	45				0	0	
2-Nitroaniline	1500		1000	ug/Kg	67				0	0	
Dimethylphthalate	1500		620	ug/Kg	41				0	0	
2,6-Dinitrotoluene	1500		870	ug/Kg	58				0	0	
Acenaphthylene	1500		640	ug/Kg	43				0	0	
3-Nitroaniline	1500		420	ug/Kg	28				0	0	
Acenaphthene	1500		660	ug/Kg	44				31	137	
2,4-Dinitrophenol	1500		790	ug/Kg	53				0	0	
4-Nitrophenol	1500		660	ug/Kg	44				11	114	
Dibenzofuran	1500		610	ug/Kg	41				0	0	
2,4-Dinitrotoluene	1500		630	ug/Kg	42				28	89	
Diethylphthalate	1500		560	ug/Kg	37				0	0	
Fluorene	1500		630	ug/Kg	42				0	0	
4-Chlorophenyl-phenylether	1500		540	ug/Kg	36				0	0	
4-Nitroaniline	1500		480	ug/Kg	32				0	0	
4,6-Dinitro-2-methylphenol	1500		920	ug/Kg	61				0	0	
N-Nitrosodiphenylamine	1500		2000	ug/Kg	133				0	0	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG082324

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,2,4,5-Tetrachlorobenzene	1500		690	ug/Kg	46				0	0	
4-Bromophenyl-phenylether	1500		670	ug/Kg	45				0	0	
Hexachlorobenzene	1500		470	ug/Kg	31				0	0	
Atrazine	1500		480	ug/Kg	32				0	0	
Pentachlorophenol	1500	74000	95000	ug/Kg	1400	*			17	109	
Phenanthrene	1500	350	1100	ug/Kg	50				0	0	
Pentachlorobenzene	1500		710	ug/Kg	47				0	0	
Anthracene	1500		680	ug/Kg	45				0	0	
1,2,3,4-Tetrachlorobenzene	1500		910	ug/Kg	61				0	0	
Carbazole	1500		520	ug/Kg	35				0	0	
Di-n-butylphthalate	1500		690	ug/Kg	46				0	0	
Fluoranthene	1500	260	920	ug/Kg	44				0	0	
Pyrene	1500	970	1600	ug/Kg	42				35	142	
Butylbenzylphthalate	1500		730	ug/Kg	49				0	0	
3,3'-Dichlorobenzidine	1500			ug/Kg	0				0	0	
Benzo(a)anthracene	1500	74	740	ug/Kg	44				0	0	
Chrysene	1500	380	1100	ug/Kg	48				0	0	
Bis(2-ethylhexyl)phthalate	1500		790	ug/Kg	53				0	0	
Di-n-octylphthalate	1500		770	ug/Kg	51				0	0	
Benzo(b)fluoranthene	1500		670	ug/Kg	45				0	0	
Benzo(k)fluoranthene	1500		620	ug/Kg	41				0	0	
Benzo(a)pyrene	1500		300	ug/Kg	20				0	0	
Indeno(1,2,3-cd)pyrene	1500		470	ug/Kg	31				0	0	
Dibenzo(a,h)anthracene	1500		680	ug/Kg	45				0	0	
Benzo(g,h,i)perylene	1500		67	ug/Kg	4				0	0	
2,3,4,6-Tetrachlorophenol	1500	1700	2800	ug/Kg	73				0	0	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG082324

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P3696-03MSD		**Client Sample ID: GCN87MSD**						**DataFile:**	**BG062565.D**		
1,4-Dioxane	580		190	ug/Kg	33		6		15	120	50
Benzaldehyde	1500		630	ug/Kg	42		2	*	0	0	0
Pyridine	1500		110	ug/Kg	7		0		0	0	0
Phenol	1500		560	ug/Kg	37		0		26	90	35
Bis(2-chloroethyl)ether	1500		520	ug/Kg	35		3	*	0	0	0
2-Chlorophenol	1500		600	ug/Kg	40		0		25	102	50
2-Methylphenol	1500		580	ug/Kg	39		0		0	0	0
2,2-oxybis(1-Chloropropane)	1500		550	ug/Kg	37		3	*	0	0	0
Acetophenone	1500	0	570	ug/Kg	38		0		0	0	0
4-Methylphenol	1500		550	ug/Kg	37		0		0	0	0
N-Nitroso-di-n-propylamine	1500		520	ug/Kg	35	*	3		41	126	38
Hexachloroethane	1500		480	ug/Kg	32		3	*	0	0	0
Nitrobenzene	1500		670	ug/Kg	45		4	*	0	0	0
Isophorone	1500		560	ug/Kg	37		3	*	0	0	0
2-Nitrophenol	1500		820	ug/Kg	55		0		0	0	0
2,4-Dimethylphenol	1500		590	ug/Kg	39		0		0	0	0
Bis(2-chloroethoxy)methane	1500		580	ug/Kg	39		0		0	0	0
2,4-Dichlorophenol	1500		660	ug/Kg	44		0		0	0	0
Naphthalene	1500		600	ug/Kg	40		2	*	0	0	0
4-Chloroaniline	1500		230	ug/Kg	15		6	*	0	0	0
Hexachlorobutadiene	1500		640	ug/Kg	43		0		0	0	0
Caprolactam	1500		500	ug/Kg	33		3	*	0	0	0
4-Chloro-3-methylphenol	1500		590	ug/Kg	39		0		26	103	33
1-Methylnaphthalene	1500	170	780	ug/Kg	41		2	*	0	0	0
2-Methylnaphthalene	1500	200	830	ug/Kg	42		2	*	0	0	0
Hexachlorocyclopentadiene	1500		580	ug/Kg	39		5	*	0	0	0
2,4,6-Trichlorophenol	1500		780	ug/Kg	52		2	*	0	0	0
2,4,5-Trichlorophenol	1500		800	ug/Kg	53		4	*	0	0	0
1,1'-Biphenyl	1500		650	ug/Kg	43		0		0	0	0
2-Chloronaphthalene	1500		690	ug/Kg	46		2	*	0	0	0
2-Nitroaniline	1500		970	ug/Kg	65		3	*	0	0	0
Dimethylphthalate	1500		620	ug/Kg	41		0		0	0	0
2,6-Dinitrotoluene	1500		940	ug/Kg	63		8	*	0	0	0
Acenaphthylene	1500		660	ug/Kg	44		2	*	0	0	0
3-Nitroaniline	1500		450	ug/Kg	30		7	*	0	0	0
Acenaphthene	1500		680	ug/Kg	45		2		31	137	19
2,4-Dinitrophenol	1500		820	ug/Kg	55		4	*	0	0	0
4-Nitrophenol	1500		970	ug/Kg	65		39		11	114	50
Dibenzofuran	1500		630	ug/Kg	42		2	*	0	0	0
2,4-Dinitrotoluene	1500		670	ug/Kg	45		7		28	89	47
Diethylphthalate	1500		560	ug/Kg	37		0		0	0	0
Fluorene	1500		640	ug/Kg	43		2	*	0	0	0
4-Chlorophenyl-phenylether	1500		540	ug/Kg	36		0		0	0	0
4-Nitroaniline	1500		520	ug/Kg	35		9	*	0	0	0
4,6-Dinitro-2-methylphenol	1500		970	ug/Kg	65		6	*	0	0	0
N-Nitrosodiphenylamine	1500		2200	ug/Kg	147		10	*	0	0	0

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG082324

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,2,4,5-Tetrachlorobenzene	1500		710	ug/Kg	47		2	*	0	0	0
4-Bromophenyl-phenylether	1500		680	ug/Kg	45		0		0	0	0
Hexachlorobenzene	1500		460	ug/Kg	31		0		0	0	0
Atrazine	1500		450	ug/Kg	30		6	*	0	0	0
Pentachlorophenol	1500	74000	96000	ug/Kg	1467	*	5		17	109	47
Phenanthrene	1500	350	1100	ug/Kg	50		0		0	0	0
Pentachlorobenzene	1500		710	ug/Kg	47		0		0	0	0
Anthracene	1500		700	ug/Kg	47		4	*	0	0	0
1,2,3,4-Tetrachlorobenzene	1500		890	ug/Kg	59		3	*	0	0	0
Carbazole	1500		520	ug/Kg	35		0		0	0	0
Di-n-butylphthalate	1500		690	ug/Kg	46		0		0	0	0
Fluoranthene	1500	260	920	ug/Kg	44		0		0	0	0
Pyrene	1500	970	1600	ug/Kg	42		0		35	142	36
Butylbenzylphthalate	1500		770	ug/Kg	51		4	*	0	0	0
3,3'-Dichlorobenzidine	1500			ug/Kg	0				0	0	0
Benzo(a)anthracene	1500	74	760	ug/Kg	46		4	*	0	0	0
Chrysene	1500	380	1100	ug/Kg	48		0		0	0	0
Bis(2-ethylhexyl)phthalate	1500		800	ug/Kg	53		0		0	0	0
Di-n-octylphthalate	1500		770	ug/Kg	51		0		0	0	0
Benzo(b)fluoranthene	1500		680	ug/Kg	45		0		0	0	0
Benzo(k)fluoranthene	1500		650	ug/Kg	43		5	*	0	0	0
Benzo(a)pyrene	1500		300	ug/Kg	20		0		0	0	0
Indeno(1,2,3-cd)pyrene	1500		470	ug/Kg	31		0		0	0	0
Dibenzo(a,h)anthracene	1500		690	ug/Kg	46		2	*	0	0	0
Benzo(g,h,i)perylene	1500		65	ug/Kg	4		0		0	0	0
2,3,4,6-Tetrachlorophenol	1500	1700	2900	ug/Kg	80		9	*	0	0	0

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Surrogate Summary

SW-846

SDG No.: BG082324

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3695-04	GCN99	BG062573.D	1,4-Dioxane-d8	8	1.91	24		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	11.44	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.02	25		10	150
			2-Chlorophenol-d4	40	12.23	31		15	120
			4-Methylphenol-d8	40	10.91	27		10	140
			Nitrobenzene-d5	40	13.78	34		10	135
			2-Nitrophenol-d4	40	16.07	40		10	120
			2,4-Dichlorophenol-d3	40	12.46	31		10	140
			4-Chloroaniline-d4	40	4.52	11		1	145
			Dimethylphthalate-d6	40	11.55	29		10	145
			Acenaphthylene-d8	40	11.63	29		15	120
			4-Nitrophenol-d4	40	9.80	25		10	150
			Fluorene-d10	40	11.19	28		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.52	29		10	130
			Anthracene-d10	40	11.89	30		10	150
			Pyrene-d10	40	12.70	32		10	130
			Benzo(a)pyrene-d12	40	11.61	29		10	140
P3695-05	GCNA0	BG062567.D	1,4-Dioxane-d8	8	1.08	14	*	15	120
			Pyridine-d5	40	0.47	1	*	20	120
			Phenol-d5	40	7.73	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	7.05	18		10	150
			2-Chlorophenol-d4	40	8.37	21		15	120
			4-Methylphenol-d8	40	7.71	19		10	140
			Nitrobenzene-d5	40	9.39	23		10	135
			2-Nitrophenol-d4	40	10.31	26		10	120
			2,4-Dichlorophenol-d3	40	8.90	22		10	140
			4-Chloroaniline-d4	40	3.12	8		1	145
			Dimethylphthalate-d6	40	8.47	21		10	145
			Acenaphthylene-d8	40	8.58	21		15	120
			4-Nitrophenol-d4	40	8.34	21		10	150
			Fluorene-d10	40	8.51	21		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.50	26		10	130
			Anthracene-d10	40	9.26	23		10	150
			Pyrene-d10	40	7.95	20		10	130
			Benzo(a)pyrene-d12	40	5.85	15		10	140
P3695-06	GCNA1	BG062571.D	1,4-Dioxane-d8	8	1.08	13	*	15	120
			Pyridine-d5	40	1.53	4	*	20	120
			Phenol-d5	40	6.85	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	7.00	17		10	150
			2-Chlorophenol-d4	40	7.88	20		15	120
			4-Methylphenol-d8	40	6.83	17		10	140
			Nitrobenzene-d5	40	10.24	26		10	135
			2-Nitrophenol-d4	40	11.07	28		10	120
			2,4-Dichlorophenol-d3	40	8.46	21		10	140
			4-Chloroaniline-d4	40	14.21	36		1	145
			Dimethylphthalate-d6	40	7.72	19		10	145
			Acenaphthylene-d8	40	8.30	21		15	120
			4-Nitrophenol-d4	40	12.70	32		10	150

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Surrogate Summary

SW-846

SDG No.: BG082324

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3695-06	GCNA1	BG062571.D	Fluorene-d10	40	8.92	22		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.17	23		10	130
			Anthracene-d10	40	8.57	21		10	150
			Pyrene-d10	40	6.85	17		10	130
			Benzo(a)pyrene-d12	40	5.52	14		10	140
P3695-07	GCNA2	BG062572.D	1,4-Dioxane-d8	8	2.05	26		15	120
			Pyridine-d5	40	3.04	8	*	20	120
			Phenol-d5	40	12.80	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.45	29		10	150
			2-Chlorophenol-d4	40	13.36	33		15	120
			4-Methylphenol-d8	40	12.55	31		10	140
			Nitrobenzene-d5	40	15.09	38		10	135
			2-Nitrophenol-d4	40	18.25	46		10	120
			2,4-Dichlorophenol-d3	40	14.13	35		10	140
			4-Chloroaniline-d4	40	10.98	27		1	145
			Dimethylphthalate-d6	40	13.02	33		10	145
			Acenaphthylene-d8	40	13.50	34		15	120
			4-Nitrophenol-d4	40	11.86	30		10	150
			Fluorene-d10	40	12.60	32		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.16	35		10	130
			Anthracene-d10	40	13.20	33		10	150
			Pyrene-d10	40	13.80	34		10	130
			Benzo(a)pyrene-d12	40	13.83	35		10	140
P3695-08	GCNA3	BG062574.D	1,4-Dioxane-d8	8	1.81	23		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	13.24	33		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.01	30		10	150
			2-Chlorophenol-d4	40	14.10	35		15	120
			4-Methylphenol-d8	40	13.47	34		10	140
			Nitrobenzene-d5	40	16.08	40		10	135
			2-Nitrophenol-d4	40	18.42	46		10	120
			2,4-Dichlorophenol-d3	40	14.97	37		10	140
			4-Chloroaniline-d4	40	3.42	9		1	145
			Dimethylphthalate-d6	40	12.90	32		10	145
			Acenaphthylene-d8	40	14.53	36		15	120
			4-Nitrophenol-d4	40	10.19	25		10	150
			Fluorene-d10	40	13.98	35		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.61	32		10	130
			Anthracene-d10	40	14.69	37		10	150
			Pyrene-d10	40	16.12	40		10	130
			Benzo(a)pyrene-d12	40	14.91	37		10	140
P3695-09	GCNA4	BG062570.D	Pyridine-d5	40	1.36	3	*	20	120
			1,4-Dioxane-d8	8	1.13	14	*	15	120
			Phenol-d5	40	8.96	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	8.03	20		10	150
			2-Chlorophenol-d4	40	9.44	24		15	120
			4-Methylphenol-d8	40	7.98	20		10	140
			Nitrobenzene-d5	40	10.65	27		10	135
			2-Nitrophenol-d4	40	12.32	31		10	120

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Surrogate Summary

SW-846

SDG No.: BG082324

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3695-09	GCNA4	BG062570.D	2,4-Dichlorophenol-d3	40	9.87	25		10	140
			4-Chloroaniline-d4	40	5.58	14		1	145
			Dimethylphthalate-d6	40	9.65	24		10	145
			Acenaphthylene-d8	40	9.76	24		15	120
			4-Nitrophenol-d4	40	8.34	21		10	150
			Fluorene-d10	40	9.70	24		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.76	27		10	130
			Anthracene-d10	40	10.51	26		10	150
			Pyrene-d10	40	9.52	24		10	130
			Benzo(a)pyrene-d12	40	6.62	17		10	140
P3696-01	GCN87	BG062563.D	1,4-Dioxane-d8	8	1.62	20		15	120
			Pyridine-d5	40	0.53	1	*	20	120
			Phenol-d5	40	10.90	27		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.85	27		10	150
			2-Chlorophenol-d4	40	12.44	31		15	120
			4-Methylphenol-d8	40	11.73	29		10	140
			Nitrobenzene-d5	40	15.00	37		10	135
			2-Nitrophenol-d4	40	16.52	41		10	120
			2,4-Dichlorophenol-d3	40	13.47	34		10	140
			4-Chloroaniline-d4	40	4.01	10		1	145
			Dimethylphthalate-d6	40	12.99	32		10	145
			Acenaphthylene-d8	40	13.64	34		15	120
			4-Nitrophenol-d4	40	14.06	35		10	150
			Fluorene-d10	40	13.45	34		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.82	47		10	130
			Anthracene-d10	40	14.01	35		10	150
			Pyrene-d10	40	10.80	27		10	130
			Benzo(a)pyrene-d12	40	8.32	21		10	140
P3696-01DL	GCN87DL	BG062575.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	15.45	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.91	37		10	150
			2-Chlorophenol-d4	40	17.16	43		15	120
			4-Methylphenol-d8	40	15.15	38		10	140
			Nitrobenzene-d5	40	19.29	48		10	135
			2-Nitrophenol-d4	40	16.77	42		10	120
			2,4-Dichlorophenol-d3	40	16.20	41		10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	17.34	43		10	145
			Acenaphthylene-d8	40	18.66	47		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	18.03	45		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	21.81	55		10	150
			Pyrene-d10	40	19.14	48		10	130
			Benzo(a)pyrene-d12	40	14.49	36		10	140
P3696-02MS	GCN87MS	BG062564.D	1,4-Dioxane-d8	8	2.07	26		15	120
			Pyridine-d5	40	1.00	3	*	20	120
			Phenol-d5	40	14.86	37		10	130

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Surrogate Summary

SW-846

SDG No.: BG082324

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3696-02MS	GCN87MS	BG062564.D	Bis(2-Chloroethyl)ether-d8	40	14.29	36		10	150
			2-Chlorophenol-d4	40	16.54	41		15	120
			4-Methylphenol-d8	40	15.95	40		10	140
			Nitrobenzene-d5	40	21.33	53		10	135
			2-Nitrophenol-d4	40	23.97	60		10	120
			2,4-Dichlorophenol-d3	40	19.13	48		10	140
			4-Chloroaniline-d4	40	6.85	17		1	145
			Dimethylphthalate-d6	40	16.88	42		10	145
			Acenaphthylene-d8	40	17.73	44		15	120
			4-Nitrophenol-d4	40	19.47	49		10	150
			Fluorene-d10	40	14.89	37		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.49	66		10	130
			Anthracene-d10	40	18.57	46		10	150
			Pyrene-d10	40	13.39	33		10	130
			Benzo(a)pyrene-d12	40	10.70	27		10	140
P3696-03MSD	GCN87MSD	BG062565.D	1,4-Dioxane-d8	8	2.13	27		15	120
			Pyridine-d5	40	0.88	2	*	20	120
			Phenol-d5	40	15.20	38		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.20	36		10	150
			2-Chlorophenol-d4	40	17.04	43		15	120
			4-Methylphenol-d8	40	15.87	40		10	140
			Nitrobenzene-d5	40	21.04	53		10	135
			2-Nitrophenol-d4	40	23.58	59		10	120
			2,4-Dichlorophenol-d3	40	19.26	48		10	140
			4-Chloroaniline-d4	40	6.76	17		1	145
			Dimethylphthalate-d6	40	17.16	43		10	145
			Acenaphthylene-d8	40	18.01	45		15	120
			4-Nitrophenol-d4	40	18.16	45		10	150
			Fluorene-d10	40	16.37	41		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.54	69		10	130
			Anthracene-d10	40	18.72	47		10	150
			Pyrene-d10	40	13.70	34		10	130
			Benzo(a)pyrene-d12	40	11.00	28		10	140
P3696-04	GCN88	BG062566.D	1,4-Dioxane-d8	8	0.89	11	*	15	120
			Pyridine-d5	40	9.30	23		20	120
			Phenol-d5	40	20.22	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.25	46		10	150
			2-Chlorophenol-d4	40	22.13	55		15	120
			4-Methylphenol-d8	40	22.22	56		10	140
			Nitrobenzene-d5	40	27.64	69		10	135
			2-Nitrophenol-d4	40	32.02	80		10	120
			2,4-Dichlorophenol-d3	40	25.00	63		10	140
			4-Chloroaniline-d4	40	29.66	74		1	145
			Dimethylphthalate-d6	40	24.73	62		10	145
			Acenaphthylene-d8	40	26.00	65		15	120
			4-Nitrophenol-d4	40	43.72	109		10	150
			Fluorene-d10	40	30.68	77		20	140
			4,6-Dinitro-2-methylphenol-d2	40	40.21	101		10	130
			Anthracene-d10	40	27.83	70		10	150

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Surrogate Summary

SW-846

SDG No.: BG082324

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3696-04	GCN88	BG062566.D	Pyrene-d10	40	21.38	53		10	130
			Benzo(a)pyrene-d12	40	17.28	43		10	140
P3696-04DL	GCN88DL	BG062576.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	20.85	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.98	50		10	150
			2-Chlorophenol-d4	40	21.93	55		15	120
			4-Methylphenol-d8	40	21.18	53		10	140
			Nitrobenzene-d5	40	21.99	55		10	135
			2-Nitrophenol-d4	40	25.59	64		10	120
			2,4-Dichlorophenol-d3	40	23.88	60		10	140
			4-Chloroaniline-d4	40	30.66	77		1	145
			Dimethylphthalate-d6	40	25.47	64		10	145
			Acenaphthylene-d8	40	25.77	64		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	30.90	77		20	140
			4,6-Dinitro-2-methylphenol-d2	40	40.02	100		10	130
			Anthracene-d10	40	31.11	78		10	150
			Pyrene-d10	40	25.59	64		10	130
			Benzo(a)pyrene-d12	40	18.57	46		10	140
PB162928BL	PB162928BL	BG062569.D	1,4-Dioxane-d8	8	4.62	58		15	120
			Pyridine-d5	40	22.85	57		20	120
		BG062562.D	Pyridine-d5	40	21.07	53		20	120
			1,4-Dioxane-d8	8	4.36	55		15	120
			Phenol-d5	40	22.33	56		10	130
		BG062569.D	Phenol-d5	40	24.55	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.47	56		10	150
		BG062562.D	Bis(2-Chloroethyl)ether-d8	40	20.75	52		10	150
			2-Chlorophenol-d4	40	24.49	61		15	120
		BG062569.D	2-Chlorophenol-d4	40	26.02	65		15	120
			4-Methylphenol-d8	40	24.45	61		10	140
		BG062562.D	4-Methylphenol-d8	40	21.58	54		10	140
			Nitrobenzene-d5	40	29.67	74		10	135
		BG062569.D	Nitrobenzene-d5	40	30.28	76		10	135
			2-Nitrophenol-d4	40	36.01	90		10	120
		BG062562.D	2-Nitrophenol-d4	40	33.69	84		10	120
			2,4-Dichlorophenol-d3	40	26.36	66		10	140
		BG062569.D	2,4-Dichlorophenol-d3	40	25.66	64		10	140
			4-Chloroaniline-d4	40	20.66	52		1	145
		BG062562.D	4-Chloroaniline-d4	40	21.28	53		1	145
			Dimethylphthalate-d6	40	21.99	55		10	145
		BG062569.D	Dimethylphthalate-d6	40	22.27	56		10	145
			Acenaphthylene-d8	40	23.48	59		15	120
		BG062562.D	Acenaphthylene-d8	40	22.62	57		15	120
			4-Nitrophenol-d4	40	20.18	50		10	150
		BG062569.D	4-Nitrophenol-d4	40	22.15	55		10	150
			Fluorene-d10	40	22.41	56		20	140
		BG062562.D	Fluorene-d10	40	22.61	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.10	63		10	130

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Surrogate Summary

SW-846

SDG No.: BG082324

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB162928BL	PB162928BL	BG062569.D	4,6-Dinitro-2-methylphenol-d2	40	27.06	68		10	130
			Anthracene-d10	40	23.98	60		10	150
		BG062562.D	Anthracene-d10	40	24.08	60		10	150
			Pyrene-d10	40	26.06	65		10	130
		BG062569.D	Pyrene-d10	40	25.88	65		10	130
			Benzo(a)pyrene-d12	40	24.42	61		10	140
		BG062562.D	Benzo(a)pyrene-d12	40	23.92	60		10	140

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BG082324

Lab Code: CHEM SAS No.: BG082324 SDG NO.: BG082324

Lab File ID: BG062560.D DFTPP Injection Date: 08/23/2024

Instrument ID: BNA_G DFTPP Injection Time: 09:47

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38
68	Less than 2.0% of mass 69	0.2 (0.8) 1
69	Mass 69 relative abundance	30.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	37.1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	28.4
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	12.9
442	Greater than 50% of mass 198	77.1
443	15.0 - 24.0% of mass 442	14.7 (19.1) 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
SSTD020473	SSTDCCC020	BG062561.D	08/23/2024	10:27
SBLK928	PB162928BL	BG062562.D	08/23/2024	11:08
GCN87	P3696-01	BG062563.D	08/23/2024	11:48
GCN87MS	P3696-02MS	BG062564.D	08/23/2024	12:28
GCN87MSD	P3696-03MSD	BG062565.D	08/23/2024	13:07
GCN88	P3696-04	BG062566.D	08/23/2024	13:47
GCNA0	P3695-05	BG062567.D	08/23/2024	14:27
SSTD020474	SSTDCCC020	BG062568.D	08/23/2024	15:54
SBLK928	PB162928BL	BG062569.D	08/23/2024	16:35
GCNA4	P3695-09	BG062570.D	08/23/2024	17:16
GCNA1	P3695-06	BG062571.D	08/23/2024	17:57
GCNA2	P3695-07	BG062572.D	08/23/2024	18:37
GCN99	P3695-04	BG062573.D	08/23/2024	19:18
GCNA3	P3695-08	BG062574.D	08/23/2024	19:59
GCN87DL	P3696-01DL	BG062575.D	08/23/2024	20:39
GCN88DL	P3696-04DL	BG062576.D	08/23/2024	21:20
SSTD020475	SSTDCCC020EC	BG062577.D	08/23/2024	22:41