CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG052824 SAS No.: BG052824 SDG No.: BG052824

Instrument ID: BNA_G Calibration Date/Time: 5/28/2024 12 09:08

Lab File ID: BG061294.D Init. Calib. Date(s):

EPA Sample No.: SSTD020497 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.429	0.436	0.010	1.7523	40.0
Benzaldehyde	0.859	0.921	0.010	7.2975	40.0
Pyridine	1.258	1.216	0.010	-3.3178	40.0
Phenol	1.673	1.659	0.080	-0.8752	20.0
Bis(2-Chloroethyl)ether	1.224	1.219	0.100	-0.3793	20.0
2-Chlorophenol	1.285	1.293	0.200	0.6292	20.0
2-Methylphenol	1.297	1.287	0.010	-0.788	20.0
2,2-oxybis(1-Chloropropane)	3.306	3.196	0.010	-3.3071	40.0
Acetophenone	2.390	2.374	0.060	-0.6833	20.0
4-Methylphenol	1.437	1.409	0.010	-1.9384	20.0
N-Nitroso-di-n-propylamine	1.314	1.197	0.050	-8.9107	30.0
Hexachloroethane	0.572	0.557	0.100	-2.5152	20.0
Nitrobenzene	0.422	0.399	0.050	-5.6435	25.0
Isophorone	0.859	0.749	0.050	-12.854	25.0
2-Nitrophenol	0.196	0.185	0.050	-5.6737	25.0
2,4-Dimethylphenol	0.388	0.367	0.050	-5.1894	25.0
Bis(2-Chloroethoxy)methane	0.431	0.403	0.050	-6.3459	20.0
2,4-Dichlorophenol	0.324	0.324	0.060	0.198	20.0
Naphthalene	1.056	1.027	0.200	-2.6899	20.0
4-Chloroaniline	0.457	0.439	0.010	-3.8214	40.0
Hexachlorobutadiene	0.316	0.301	0.040	-4.856	30.0
Caprolactam	0.124	0.110	0.010	-11.0906	40.0
4-Chloro-3-methylphenol	0.418	0.390	0.040	-6.8445	25.0
1-Methylnaphthalene	0.786	0.751	0.100	-4.4316	20.0
2-Methylnaphthalene	0.766	0.729	0.100	-4.8011	20.0
Hexachlorocyclopentadiene	0.298	0.317	0.010	6.3687	40.0
2,4,6-Trichlorophenol	0.372	0.375	0.090	0.9063	25.0
2,4,5-Trichlorophenol	0.392	0.398	0.100	1.609	25.0
1,1-Biphenyl	1.293	1.280	0.200	-1.0301	20.0
2-Chloronaphthalene	1.018	1.039	0.300	2.0847	20.0
2-Nitroaniline	0.420	0.381	0.050	-9.3763	40.0
Dimethylphthalate	1.617	1.515	0.300	-6.2829	20.0
2,6-Dinitrotoluene	0.317	0.298	0.080	-5.9241	30.0
Acenaphthylene	1.788	1.754	0.400	-1.9293	20.0
3-Nitroaniline	0.275	0.270	0.010	-1.7025	40.0
Acenaphthene	1.173	1.161	0.200	-1.0558	20.0
2,4-Dinitrophenol	0.168	0.140	0.010	-16.5458	40.0
4-Nitrophenol	0.225	0.194	0.010	-13.8733	40.0
Dibenzofuran	1.677	1.655	0.300	-1.3334	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG052824 SAS No.: BG052824 SDG No.: BG052824

Instrument ID: BNA_G Calibration Date/Time: 5/28/2024 12 09:08

Lab File ID: BG061294.D Init. Calib. Date(s):

EPA Sample No.: SSTD020497 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.482	0.448	0.070	-7.0586	30.0
Diethylphthalate	1.597	1.500	0.300	-6.0195	20.0
Fluorene	1.451	1.427	0.200	-1.6686	20.0
4-Chlorophenyl-phenylether	0.851	0.826	0.100	-2.9583	20.0
4-Nitroaniline	0.287	0.277	0.010	-3.2717	40.0
4,6-Dinitro-2-methylphenol	0.127	0.107	0.010	-15.9378	40.0
N-Nitrosodiphenylamine	0.503	0.496	0.050	-1.2785	20.0
1,2,4,5-Tetrachlorobenzene	0.660	0.671	0.100	1.5623	20.0
4-Bromophenyl-phenylether	0.237	0.226	0.070	-4.4949	20.0
Hexachlorobenzene	0.263	0.260	0.050	-1.1411	25.0
Atrazine	0.199	0.185	0.010	-7.0492	25.0
Pentachlorophenol	0.092	0.094	0.010	2.7458	40.0
Phenanthrene	0.971	0.969	0.200	-0.1883	20.0
Pentachlorobenzene	0.292	0.291	0.050	-0.3703	20.0
Anthracene	1.004	0.987	0.200	-1.6983	20.0
1,2,3,4-Tetrachlorobenzene	0.264	0.277	0.050	4.6614	20.0
Carbazole	0.816	0.807	0.050	-1.1348	40.0
Di-n-butylphthalate	1.023	0.992	0.500	-3.0631	25.0
Fluoranthene	1.232	1.171	0.400	-4.9669	25.0
Pyrene	1.279	1.223	0.400	-4.3542	25.0
Butylbenzylphthalate	0.439	0.422	0.100	-3.9986	40.0
3,3-Dichlorobenzidine	0.425	0.450	0.010	6.0904	40.0
Benzo(a)anthracene	1.380	1.349	0.300	-2.2589	30.0
Chrysene	1.271	1.227	0.200	-3.4326	30.0
Bis(2-ethylhexyl)phthalate	0.650	0.610	0.200	-6.1697	40.0
Di-n-octyl phthalate	1.001	0.964	0.010	-3.6223	40.0
Benzo(b)fluoranthene	1.191	1.179	0.200	-1.0316	25.0
Benzo(k)fluoranthene	1.209	1.137	0.200	-5.9585	25.0
Benzo(a)pyrene	1.131	1.103	0.200	-2.4399	20.0
Indeno(1,2,3-cd)pyrene	1.367	1.342	0.200	-1.8586	25.0
Dibenzo(a,h)anthracene	1.128	1.122	0.200	-0.5308	30.0
Benzo(g,h,i)perylene	1.088	1.061	0.200	-2.4222	30.0
2,3,4,6-Tetrachlorophenol	0.357	0.346	0.040	-3.2817	20.0
1,4-Dioxane-d8	0.357	0.383	0.010	7.0631	25.0
Pyridine-d5	1.271	1.251	0.010	-1.5808	40.0
Phenol-d5	1.642	1.582	0.010	-3.652	25.0
Bis-(2-Chloroethyl)ether-d8	1.032	1.015	0.050	-1.6461	25.0
2-Chlorophenol-d4	1.216	1.187	0.200	-2.3368	20.0
4-Methylphenol-d8	1.400	1.431	0.010	2.1644	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG052824 SAS No.: BG052824 SDG No.: BG052824

Instrument ID: BNA_G Calibration Date/Time: 5/28/2024 12 09:08

Lab File ID: BG061294.D Init. Calib. Date(s):

EPA Sample No.: SSTD020497 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.148	0.050	-3.6152	20.0
2-Nitrophenol-d4	0.180	0.167	0.050	-7.5328	30.0
2,4-Dichlorophenol-d3	0.351	0.346	0.060	-1.5257	20.0
4-Chloroaniline-d4	0.460	0.441	0.010	-4.0244	40.0
Dimethylphthalate-d6	1.551	1.456	0.300	-6.1139	20.0
Acenaphthylene-d8	1.613	1.602	0.400	-0.6782	20.0
4-Nitrophenol-d4	0.192	0.169	0.010	-11.8063	40.0
Fluorene-d10	1.339	1.314	0.100	-1.8778	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.101	0.010	-16.2564	40.0
Anthracene-d10	0.882	0.862	0.300	-2.2717	20.0
Pyrene-d10	1.027	0.981	0.300	-4.516	25.0
Benzo(a)pyrene-d12	0.962	0.927	0.010	-3.551	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.: BG052824 SAS No.: BG052824 SDG No.: BG052824

Instrument ID: BNA_G Calibration Date/Time: 5/28/2024 12 18:00

Lab File ID: BG061304.D Init. Calib. Date(s):

EPA Sample No.: SSTD020498 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.429	0.394	0.010	-8.1473	40.0
Pyridine	1.258	1.179	0.010	-6.2485	40.0
Benzaldehyde	0.859	0.950	0.010	10.6785	40.0
Phenol	1.673	1.655	0.080	-1.0808	20.0
Bis(2-Chloroethyl)ether	1.224	1.247	0.100	1.8441	20.0
2-Chlorophenol	1.285	1.280	0.200	-0.3357	20.0
2-Methylphenol	1.297	1.249	0.010	-3.7095	20.0
2,2-oxybis(1-Chloropropane)	3.306	3.133	0.010	-5.2116	40.0
Acetophenone	2.390	2.359	0.060	-1.3163	20.0
4-Methylphenol	1.437	1.388	0.010	-3.4135	20.0
N-Nitroso-di-n-propylamine	1.314	1.166	0.050	-11.2627	30.0
Hexachloroethane	0.572	0.573	0.100	0.2813	20.0
Nitrobenzene	0.422	0.394	0.050	-6.7093	25.0
Isophorone	0.859	0.771	0.050	-10.2986	25.0
2-Nitrophenol	0.196	0.190	0.050	-2.9916	25.0
2,4-Dimethylphenol	0.388	0.380	0.050	-2.0365	25.0
Bis(2-Chloroethoxy)methane	0.431	0.417	0.050	-3.1895	20.0
2,4-Dichlorophenol	0.324	0.329	0.060	1.7172	20.0
Naphthalene	1.056	1.053	0.200	-0.2034	20.0
4-Chloroaniline	0.457	0.428	0.010	-6.3076	40.0
Hexachlorobutadiene	0.316	0.314	0.040	-0.8232	30.0
Caprolactam	0.124	0.110	0.010	-11.0444	40.0
4-Chloro-3-methylphenol	0.418	0.397	0.040	-5.1854	25.0
1-Methylnaphthalene	0.786	0.760	0.100	-3.2829	20.0
2-Methylnaphthalene	0.766	0.755	0.100	-1.3431	20.0
Hexachlorocyclopentadiene	0.298	0.285	0.010	-4.453	40.0
2,4,6-Trichlorophenol	0.372	0.376	0.090	1.1185	25.0
2,4,5-Trichlorophenol	0.392	0.399	0.100	1.8543	25.0
1,1-Biphenyl	1.293	1.292	0.200	-0.06	20.0
2-Chloronaphthalene	1.018	1.036	0.300	1.7933	20.0
2-Nitroaniline	0.420	0.377	0.050	-10.1741	40.0
Dimethylphthalate	1.617	1.463	0.300	-9.5208	20.0
2,6-Dinitrotoluene	0.317	0.291	0.080	-8.3669	30.0
Acenaphthylene	1.788	1.731	0.400	-3.2097	20.0
3-Nitroaniline	0.275	0.267	0.010	-2.787	40.0
Acenaphthene	1.173	1.150	0.200	-1.985	20.0
2,4-Dinitrophenol	0.168	0.144	0.010	-14.0771	40.0
4-Nitrophenol	0.225	0.183	0.010	-18.621	40.0
Dibenzofuran	1.677	1.621	0.300	-3.3338	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG052824 SAS No.: BG052824 SDG No.: BG052824

Instrument ID: BNA_G Calibration Date/Time: 5/28/2024 12 18:00

Lab File ID: BG061304.D Init. Calib. Date(s):

EPA Sample No.: SSTD020498 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.482	0.425	0.070	-11.9724	30.0
Diethylphthalate	1.597	1.396	0.300	-12.531	20.0
Fluorene	1.451	1.378	0.200	-5.0205	20.0
4-Chlorophenyl-phenylether	0.851	0.806	0.100	-5.3373	20.0
4-Nitroaniline	0.287	0.268	0.010	-6.4439	40.0
4,6-Dinitro-2-methylphenol	0.127	0.112	0.010	-11.8759	40.0
N-Nitrosodiphenylamine	0.503	0.512	0.050	1.8538	20.0
1,2,4,5-Tetrachlorobenzene	0.660	0.691	0.100	4.5891	20.0
4-Bromophenyl-phenylether	0.237	0.243	0.070	2.6476	20.0
Hexachlorobenzene	0.263	0.264	0.050	0.3836	25.0
Atrazine	0.199	0.191	0.010	-4.1884	25.0
Pentachlorophenol	0.092	0.106	0.010	15.2092	40.0
Phenanthrene	0.971	0.968	0.200	-0.2324	20.0
Pentachlorobenzene	0.292	0.309	0.050	5.5775	20.0
Anthracene	1.004	0.988	0.200	-1.5392	20.0
1,2,3,4-Tetrachlorobenzene	0.264	0.292	0.050	10.3961	20.0
Carbazole	0.816	0.812	0.050	-0.4903	40.0
Di-n-butylphthalate	1.023	0.989	0.500	-3.3094	25.0
Fluoranthene	1.232	1.224	0.400	-0.6634	25.0
Pyrene	1.279	1.238	0.400	-3.2085	25.0
Butylbenzylphthalate	0.439	0.433	0.100	-1.3739	40.0
3,3-Dichlorobenzidine	0.425	0.443	0.010	4.3031	40.0
Benzo(a)anthracene	1.380	1.336	0.300	-3.1975	30.0
Chrysene	1.271	1.232	0.200	-3.0757	30.0
Bis(2-ethylhexyl)phthalate	0.650	0.632	0.200	-2.8251	40.0
Di-n-octyl phthalate	1.001	0.961	0.010	-3.9602	40.0
Benzo(b)fluoranthene	1.191	1.151	0.200	-3.3717	25.0
Benzo(k)fluoranthene	1.209	1.156	0.200	-4.4059	25.0
Benzo(a)pyrene	1.131	1.112	0.200	-1.6433	20.0
Indeno(1,2,3-cd)pyrene	1.367	1.354	0.200	-0.9751	25.0
Dibenzo(a,h)anthracene	1.128	1.115	0.200	-1.1141	30.0
Benzo(g,h,i)perylene	1.088	1.078	0.200	-0.9282	30.0
2,3,4,6-Tetrachlorophenol	0.357	0.345	0.040	-3.5044	20.0
1,4-Dioxane-d8	0.357	0.331	0.010	-7.5078	25.0
Pyridine-d5	1.271	1.199	0.010	-5.7106	40.0
Phenol-d5	1.642	1.615	0.010	-1.6792	25.0
Bis-(2-Chloroethyl)ether-d8	1.032	1.009	0.050	-2.2767	25.0
2-Chlorophenol-d4	1.216	1.225	0.200	0.7754	20.0
4-Methylphenol-d8	1.400	1.398	0.010	-0.1933	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG052824 SAS No.: BG052824 SDG No.: BG052824

Instrument ID: BNA_G Calibration Date/Time: 5/28/2024 12 18:00

Lab File ID: BG061304.D Init. Calib. Date(s):

EPA Sample No.: SSTD020498 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.151	0.050	-2.2093	20.0
2-Nitrophenol-d4	0.180	0.175	0.050	-3.0191	30.0
2,4-Dichlorophenol-d3	0.351	0.368	0.060	4.7482	20.0
4-Chloroaniline-d4	0.460	0.438	0.010	-4.7705	40.0
Dimethylphthalate-d6	1.551	1.401	0.300	-9.6773	20.0
Acenaphthylene-d8	1.613	1.558	0.400	-3.3787	20.0
4-Nitrophenol-d4	0.192	0.169	0.010	-11.7963	40.0
Fluorene-d10	1.339	1.274	0.100	-4.8706	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.101	0.010	-16.7606	40.0
Anthracene-d10	0.882	0.865	0.300	-1.8822	20.0
Pyrene-d10	1.027	1.006	0.300	-2.0426	25.0
Benzo(a)pyrene-d12	0.962	0.943	0.010	-1.9604	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.: BG052824 SAS No.: BG052824 SDG No.: BG052824

Instrument ID: BNA_G Calibration Date/Time: 5/29/2024 12 04:15

Lab File ID: BG061318.D Init. Calib. Date(s):

EPA Sample No.: SSTD020499 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.429	0.444	0.010	3.5281	50.0
Benzaldehyde	0.859	0.958	0.010	11.5281	50.0
Pyridine	1.258	1.190	0.010	-5.4046	50.0
Phenol	1.673	1.614	0.080	-3.5316	50.0
Bis(2-Chloroethyl)ether	1.224	1.238	0.100	1.129	50.0
2-Chlorophenol	1.285	1.326	0.200	3.23	50.0
2-Methylphenol	1.297	1.260	0.010	-2.8418	50.0
2,2-oxybis(1-Chloropropane)	3.306	3.097	0.010	-6.3198	50.0
Acetophenone	2.390	2.266	0.060	-5.1936	50.0
4-Methylphenol	1.437	1.370	0.010	-4.6306	50.0
N-Nitroso-di-n-propylamine	1.314	1.128	0.050	-14.1352	50.0
Hexachloroethane	0.572	0.572	0.100	0.0189	50.0
Nitrobenzene	0.422	0.397	0.050	-5.909	50.0
Isophorone	0.859	0.725	0.050	-15.5797	50.0
2-Nitrophenol	0.196	0.185	0.050	-5.2501	50.0
2,4-Dimethylphenol	0.388	0.351	0.050	-9.3375	50.0
Bis(2-Chloroethoxy)methane	0.431	0.397	0.050	-7.7323	50.0
2,4-Dichlorophenol	0.324	0.327	0.060	0.9052	50.0
Naphthalene	1.056	1.029	0.200	-2.4933	50.0
4-Chloroaniline	0.457	0.416	0.010	-8.9835	50.0
Hexachlorobutadiene	0.316	0.323	0.040	1.9817	50.0
Caprolactam	0.124	0.101	0.010	-18.4712	50.0
4-Chloro-3-methylphenol	0.418	0.360	0.040	-13.9975	50.0
1-Methylnaphthalene	0.786	0.734	0.100	-6.5942	50.0
2-Methylnaphthalene	0.766	0.713	0.100	-6.8687	50.0
Hexachlorocyclopentadiene	0.298	0.265	0.010	-11.1421	50.0
2,4,6-Trichlorophenol	0.372	0.392	0.090	5.4165	50.0
2,4,5-Trichlorophenol	0.392	0.415	0.100	5.8348	50.0
1,1-Biphenyl	1.293	1.319	0.200	1.9762	50.0
2-Chloronaphthalene	1.018	1.047	0.300	2.8541	50.0
2-Nitroaniline	0.420	0.385	0.050	-8.31	50.0
Dimethylphthalate	1.617	1.456	0.300	-9.9309	50.0
2,6-Dinitrotoluene	0.317	0.302	0.080	-4.7685	50.0
Acenaphthylene	1.788	1.750	0.400	-2.1131	50.0
3-Nitroaniline	0.275	0.264	0.010	-4.035	50.0
Acenaphthene	1.173	1.183	0.200	0.805	50.0
2,4-Dinitrophenol	0.168	0.151	0.010	-9.9627	50.0
4-Nitrophenol	0.225	0.183	0.010	-18.937	50.0
Dibenzofuran	1.677	1.627	0.300	-3.0111	50.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG052824 SAS No.: BG052824 SDG No.: BG052824

Instrument ID: BNA_G Calibration Date/Time: 5/29/2024 12 04:15

Lab File ID: BG061318.D Init. Calib. Date(s):

EPA Sample No.: SSTD020499 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.482	0.423	0.070	-12.3789	50.0
Diethylphthalate	1.597	1.398	0.300	-12.4547	50.0
Fluorene	1.451	1.362	0.200	-6.134	50.0
4-Chlorophenyl-phenylether	0.851	0.809	0.100	-4.9081	50.0
4-Nitroaniline	0.287	0.264	0.010	-8.0114	50.0
4,6-Dinitro-2-methylphenol	0.127	0.110	0.010	-13.3271	50.0
N-Nitrosodiphenylamine	0.503	0.528	0.050	5.0079	50.0
1,2,4,5-Tetrachlorobenzene	0.660	0.724	0.100	9.6573	50.0
4-Bromophenyl-phenylether	0.237	0.241	0.070	1.8929	50.0
Hexachlorobenzene	0.263	0.270	0.050	2.382	50.0
Atrazine	0.199	0.184	0.010	-7.3099	50.0
Pentachlorophenol	0.092	0.107	0.010	16.292	50.0
Phenanthrene	0.971	0.957	0.200	-1.3777	50.0
Pentachlorobenzene	0.292	0.330	0.050	12.9441	50.0
Anthracene	1.004	0.994	0.200	-0.9176	50.0
1,2,3,4-Tetrachlorobenzene	0.264	0.316	0.050	19.6539	50.0
Carbazole	0.816	0.809	0.050	-0.8783	50.0
Di-n-butylphthalate	1.023	0.988	0.500	-3.4121	50.0
Fluoranthene	1.232	1.153	0.400	-6.4436	50.0
Pyrene	1.279	1.199	0.400	-6.2702	50.0
Butylbenzylphthalate	0.439	0.424	0.100	-3.5688	50.0
3,3-Dichlorobenzidine	0.425	0.453	0.010	6.7685	50.0
Benzo(a)anthracene	1.380	1.315	0.300	-4.717	50.0
Chrysene	1.271	1.236	0.200	-2.7336	50.0
Bis(2-ethylhexyl)phthalate	0.650	0.618	0.200	-5.033	50.0
Di-n-octyl phthalate	1.001	0.963	0.010	-3.7353	50.0
Benzo(b)fluoranthene	1.191	1.146	0.200	-3.789	50.0
Benzo(k)fluoranthene	1.209	1.175	0.200	-2.8322	50.0
Benzo(a)pyrene	1.131	1.098	0.200	-2.8751	50.0
Indeno(1,2,3-cd)pyrene	1.367	1.332	0.200	-2.57	50.0
Dibenzo(a,h)anthracene	1.128	1.113	0.200	-1.2802	50.0
Benzo(g,h,i)perylene	1.088	1.046	0.200	-3.8685	50.0
2,3,4,6-Tetrachlorophenol	0.357	0.334	0.040	-6.4346	50.0
1,4-Dioxane-d8	0.357	0.357	0.010	-0.1134	50.0
Pyridine-d5	1.271	1.152	0.010	-9.3653	50.0
Phenol-d5	1.642	1.605	0.010	-2.2974	50.0
Bis-(2-Chloroethyl)ether-d8	1.032	0.951	0.050	-7.843	50.0
2-Chlorophenol-d4	1.216	1.233	0.200	1.4131	50.0
4-Methylphenol-d8	1.400	1.359	0.010	-2.9665	50.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG052824 SAS No.: BG052824 SDG No.: BG052824

Instrument ID: BNA_G Calibration Date/Time: 5/29/2024 12 04:15

Lab File ID: BG061318.D Init. Calib. Date(s):

EPA Sample No.: SSTD020499 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.157	0.050	2.2737	50.0
2-Nitrophenol-d4	0.180	0.181	0.050	0.5377	50.0
2,4-Dichlorophenol-d3	0.351	0.353	0.060	0.5165	50.0
4-Chloroaniline-d4	0.460	0.419	0.010	-8.9343	50.0
Dimethylphthalate-d6	1.551	1.432	0.300	-7.6539	50.0
Acenaphthylene-d8	1.613	1.620	0.400	0.483	50.0
4-Nitrophenol-d4	0.192	0.162	0.010	-15.5445	50.0
Fluorene-d10	1.339	1.272	0.100	-5.0096	50.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.101	0.010	-16.1774	50.0
Anthracene-d10	0.882	0.885	0.300	0.3498	50.0
Pyrene-d10	1.027	0.970	0.300	-5.5479	50.0
Benzo(a)pyrene-d12	0.962	0.921	0.010	-4.255	50.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	5/23/2024 12:00:00 AM
Project:				Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	SBLK084			SDG No.:	BG052824
Lab Sample ID:	PB161084BL			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
BG061295.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

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:	5/23/2024 12:00:00 AM
Project:				Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	SBLK084			SDG No.:	BG052824
Lab Sample ID:	PB161084BL			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
BG061295.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

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:	5/23/2024 12:00:00 AM
Project:				Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	SBLK084			SDG No.:	BG052824
Lab Sample ID:	PB161084BL			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
BG061295.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

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	5.703		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	26.442		20-120		66	SPK: -40
4165-62-2	Phenol-d5	24.48		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.477		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.109		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	26.159		10-140		65	SPK: -40
4165-60-0	Nitrobenzene-d5	26.588		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.386		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.278		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.44		1-145		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.166		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	27.671		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.684		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	27.459		20-140		69	SPK: -40

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Report of Analysis

Client:				Date Collected:	5/23/2024 12:00:00 AM
Project:				Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	SBLK084			SDG No.:	BG052824
Lab Sample ID:	PB161084BL			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
BG061295.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.216		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	28.763		10-150		72	SPK: -40
1718-52-1	Pyrene-d10	27.937		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.581		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	23679	7.888				
1146-65-2	Naphthalene-d8	103053	10.679				
15067-26-2	Acenaphthene-d10	87195	14.522				
1517-22-2	Phenanthrene-d10	219976	17.266				
1719-03-5	Chrysene-d12	232102	21.52				
1520-96-3	Perylene-d12	265610	24.604				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	160	J			3.082	
E966796	Total Alkanes	26	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5Q6			SDG No.:	BG052824
Lab Sample ID:	P2568-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12
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
BG061296.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.5	76	ug/Kg
100-52-7	Benzaldehyde	66	U	66	93.4	370	ug/Kg
110-86-1	Pyridine	87	U	87	190	370	ug/Kg
108-95-2	Phenol	34	U	34	93.4	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	93.4	370	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.1	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	93.4	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	93.4	370	ug/Kg
98-86-2	Acetophenone	75	U	75	93.4	370	ug/Kg
106-44-5	4-Methylphenol	60	U	60	93.4	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	89	U	89	48.1	190	ug/Kg
67-72-1	Hexachloroethane	69	U	69	48.1	190	ug/Kg
98-95-3	Nitrobenzene	72	U	72	48.1	190	ug/Kg
78-59-1	Isophorone	75	U	75	48.1	190	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	48.1	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	48.1	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	48.1	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	48.1	190	ug/Kg
91-20-3	Naphthalene	27	U	27	48.1	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.1	370	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.1	190	ug/Kg
105-60-2	Caprolactam	72	U	72	93.4	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	48.1	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	48.1	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	48.1	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	93.4	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	48.1	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	48.1	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5Q6			SDG No.:	BG052824
Lab Sample ID:	P2568-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12
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
BG061296.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	48.1	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	48.1	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	48.1	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48.1	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.1	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.1	190	ug/Kg
99-09-2	3-Nitroaniline	75	U	75	93.4	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	48.1	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	93.4	370	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	93.4	370	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.1	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.1	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	48.1	190	ug/Kg
86-73-7	Fluorene	31	U	31	48.1	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.1	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	93.4	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	93.4	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	48.1	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	48.1	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	48.1	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.1	190	ug/Kg
1912-24-9	Atrazine	32	U	32	93.4	370	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	93.4	370	ug/Kg
85-01-8	Phenanthrene	31	U	31	48.1	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48.1	190	ug/Kg
120-12-7	Anthracene	28	U	28	48.1	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	48.1	190	ug/Kg
86-74-8	Carbazole	39	U	39	93.4	370	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.1	190	ug/Kg
206-44-0	Fluoranthene	73	J	22	93.4	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5Q6			SDG No.:	BG052824
Lab Sample ID:	P2568-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12
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
BG061296.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	70	J	20	48.1	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48.1	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	93.4	370	ug/Kg
56-55-3	Benzo(a)anthracene	43	J	26	48.1	190	ug/Kg
218-01-9	Chrysene	48	J	27	48.1	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56	J	28	48.1	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	93.4	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	68	J	42	48.1	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	48.1	190	ug/Kg
50-32-8	Benzo(a)pyrene	45	J	35	48.1	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	48.1	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	48.1	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	48.1	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.1	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.766		15-120		85	SPK: -8
7291-22-7	Pyridine-d5	30.435		20-120		76	SPK: -40
4165-62-2	Phenol-d5	33.419		10-130		84	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.966		10-150		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.461		15-120		86	SPK: -40
190780-66-6	4-Methylphenol-d8	34.492		10-140		86	SPK: -40
4165-60-0	Nitrobenzene-d5	34.69		10-135		87	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.112		10-120		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.64		10-140		89	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.912		1-145		85	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.653		10-145		89	SPK: -40
93951-97-4	Acenaphthylene-d8	36.716		15-120		92	SPK: -40
93951-79-2	4-Nitrophenol-d4	35.65		10-150		89	SPK: -40
81103-79-9	Fluorene-d10	37.308		20-140		93	SPK: -40

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5Q6			SDG No.:	BG052824
Lab Sample ID:	P2568-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12
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
BG061296.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.592		10-130		81	SPK: -40
1719-06-8	Anthracene-d10	38.082		10-150		95	SPK: -40
1718-52-1	Pyrene-d10	38.471		10-130		96	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.665		10-140		97	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	24259	7.881				
1146-65-2	Naphthalene-d8	105286	10.678				
15067-26-2	Acenaphthene-d10	90906	14.521				
1517-22-2	Phenanthrene-d10	214398	17.27				
1719-03-5	Chrysene-d12	218035	21.518				
1520-96-3	Perylene-d12	248182	24.609				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			3.081	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	190	J			10.449	
E966796	Total Alkanes	29	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5Q7			SDG No.:	BG052824
Lab Sample ID:	P2568-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.3
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
BG061297.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.8	78	ug/Kg
100-52-7	Benzaldehyde	68	U	68	97.1	390	ug/Kg
110-86-1	Pyridine	91	U	91	190	390	ug/Kg
108-95-2	Phenol	35	U	35	97.1	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	97.1	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	97.1	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	97.1	390	ug/Kg
98-86-2	Acetophenone	78	U	78	97.1	390	ug/Kg
106-44-5	4-Methylphenol	62	U	62	97.1	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	93	U	93	50	200	ug/Kg
67-72-1	Hexachloroethane	72	U	72	50	200	ug/Kg
98-95-3	Nitrobenzene	75	U	75	50	200	ug/Kg
78-59-1	Isophorone	78	U	78	50	200	ug/Kg
88-75-5	2-Nitrophenol	71	U	71	50	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	50	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	50	200	ug/Kg
91-20-3	Naphthalene	28	U	28	50	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	50	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	50	200	ug/Kg
105-60-2	Caprolactam	75	U	75	97.1	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	50	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	50	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	50	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	97.1	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	50	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	50	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5Q7			SDG No.:	BG052824
Lab Sample ID:	P2568-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.3
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
BG061297.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	50	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	50	200	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	50	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	50	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	50	200	ug/Kg
99-09-2	3-Nitroaniline	78	U	78	97.1	390	ug/Kg
83-32-9	Acenaphthene	31	U	31	50	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	97.1	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	97.1	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	50	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	50	200	ug/Kg
86-73-7	Fluorene	32	U	32	50	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	97.1	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	97.1	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	50	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	50	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	50	200	ug/Kg
1912-24-9	Atrazine	33	U	33	97.1	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	97.1	390	ug/Kg
85-01-8	Phenanthrene	32	U	32	50	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50	200	ug/Kg
120-12-7	Anthracene	29	U	29	50	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50	200	ug/Kg
86-74-8	Carbazole	40	U	40	97.1	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50	200	ug/Kg
206-44-0	Fluoranthene	100	J	22	97.1	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5Q7			SDG No.:	BG052824
Lab Sample ID:	P2568-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.3
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
BG061297.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	95	J	21	50	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	50	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	97.1	390	ug/Kg
56-55-3	Benzo(a)anthracene	57	J	27	50	200	ug/Kg
218-01-9	Chrysene	58	J	28	50	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	72	J	29	50	200	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	97.1	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	74	J	44	50	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50	200	ug/Kg
50-32-8	Benzo(a)pyrene	59	J	36	50	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	50	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	50	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	J	38	50	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	50	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.609		15-120		83	SPK: -8
7291-22-7	Pyridine-d5	30.858		20-120		77	SPK: -40
4165-62-2	Phenol-d5	33.265		10-130		83	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.102		10-150		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.241		15-120		91	SPK: -40
190780-66-6	4-Methylphenol-d8	34.508		10-140		86	SPK: -40
4165-60-0	Nitrobenzene-d5	33.607		10-135		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.153		10-120		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.168		10-140		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.851		1-145		85	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.571		10-145		89	SPK: -40
93951-97-4	Acenaphthylene-d8	37.516		15-120		94	SPK: -40
93951-79-2	4-Nitrophenol-d4	35.897		10-150		90	SPK: -40
81103-79-9	Fluorene-d10	37.293		20-140		93	SPK: -40

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5Q7			SDG No.:	BG052824
Lab Sample ID:	P2568-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.3
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
BG061297.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.648		10-130		82	SPK: -40
1719-06-8	Anthracene-d10	38.704		10-150		97	SPK: -40
1718-52-1	Pyrene-d10	39.719		10-130		99	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.666		10-140		99	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	21821	7.888				
1146-65-2	Naphthalene-d8	97801	10.679				
15067-26-2	Acenaphthene-d10	83063	14.516				
1517-22-2	Phenanthrene-d10	195497	17.265				
1719-03-5	Chrysene-d12	197123	21.519				
1520-96-3	Perylene-d12	224025	24.604				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			3.082	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	270	J			10.45	
002665-11-4	Trihexadecyl borate	100	J			21.184	
000629-54-9	Hexadecanamide	120	J			22.935	
E966796	Total Alkanes	31	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5R7			SDG No.:	BG052824
Lab Sample ID:	P2568-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.3
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
BG061298.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

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	94.8	380	ug/Kg
110-86-1	Pyridine	89	U	89	190	380	ug/Kg
108-95-2	Phenol	34	U	34	94.8	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	94.8	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.9	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	94.8	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	94.8	380	ug/Kg
98-86-2	Acetophenone	76	U	76	94.8	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	94.8	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	91	U	91	48.9	200	ug/Kg
67-72-1	Hexachloroethane	70	U	70	48.9	200	ug/Kg
98-95-3	Nitrobenzene	74	U	74	48.9	200	ug/Kg
78-59-1	Isophorone	76	U	76	48.9	200	ug/Kg
88-75-5	2-Nitrophenol	69	U	69	48.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	48.9	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	48.9	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	48.9	200	ug/Kg
91-20-3	Naphthalene	28	U	28	48.9	200	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.9	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.9	200	ug/Kg
105-60-2	Caprolactam	74	U	74	94.8	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	48.9	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	48.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	48.9	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.8	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	48.9	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	48.9	200	ug/Kg

CHEMTECH
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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5R7			SDG No.:	BG052824
Lab Sample ID:	P2568-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.3
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
BG061298.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	48.9	200	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	48.9	200	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	48.9	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48.9	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.9	200	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.9	200	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	94.8	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	48.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	94.8	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	94.8	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.9	200	ug/Kg
84-66-2	Diethylphthalate	38	U	38	48.9	200	ug/Kg
86-73-7	Fluorene	31	U	31	48.9	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.9	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	94.8	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	94.8	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	48.9	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	48.9	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	48.9	200	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.9	200	ug/Kg
1912-24-9	Atrazine	32	U	32	94.8	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	94.8	380	ug/Kg
85-01-8	Phenanthrene	31	U	31	48.9	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	48.9	200	ug/Kg
120-12-7	Anthracene	29	U	29	48.9	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	48.9	200	ug/Kg
86-74-8	Carbazole	39	U	39	94.8	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.9	200	ug/Kg
206-44-0	Fluoranthene	22	U	22	94.8	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5R7			SDG No.:	BG052824
Lab Sample ID:	P2568-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.3
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
BG061298.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	48.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	94.8	380	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	48.9	200	ug/Kg
218-01-9	Chrysene	28	U	28	48.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	48.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	94.8	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	48.9	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	48.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	48.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	48.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	48.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	48.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.9	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.695		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	27.065		20-120		68	SPK: -40
4165-62-2	Phenol-d5	29.744		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.224		10-150		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.084		15-120		80	SPK: -40
190780-66-6	4-Methylphenol-d8	32.652		10-140		82	SPK: -40
4165-60-0	Nitrobenzene-d5	32.26		10-135		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.004		10-120		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.406		10-140		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.029		1-145		85	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.21		10-145		86	SPK: -40
93951-97-4	Acenaphthylene-d8	35.229		15-120		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.791		10-150		84	SPK: -40
81103-79-9	Fluorene-d10	35.998		20-140		90	SPK: -40

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5R7			SDG No.:	BG052824
Lab Sample ID:	P2568-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.3
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
BG061298.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.985		10-130		70	SPK: -40
1719-06-8	Anthracene-d10	37.328		10-150		93	SPK: -40
1718-52-1	Pyrene-d10	36.958		10-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.528		10-140		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	21962	7.885				
1146-65-2	Naphthalene-d8	97134	10.676				
15067-26-2	Acenaphthene-d10	83812	14.519				
1517-22-2	Phenanthrene-d10	201740	17.263				
1719-03-5	Chrysene-d12	205577	21.516				
1520-96-3	Perylene-d12	231671	24.601				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			3.079	
004254-14-2	R-(-)-1,2-propanediol	250	J			3.608	
001119-40-0	Pentanedioic acid, dimethyl ester	84	J			9.595	
000770-35-4	1-Phenoxypropan-2-ol	150	J			11.416	
000301-02-0	9-Octadecenamide, (Z)-	250	J			22.927	
E966796	Total Alkanes	30	U			99	ug/Kg

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Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5R8			SDG No.:	BG052824
Lab Sample ID:	P2568-11			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.7
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
BG061299.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.5	76	ug/Kg
110-86-1	Pyridine	87	U	87	190	370	ug/Kg
100-52-7	Benzaldehyde	66	U	66	93.4	370	ug/Kg
108-95-2	Phenol	34	U	34	93.4	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	93.4	370	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.1	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	93.4	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	93.4	370	ug/Kg
98-86-2	Acetophenone	75	U	75	93.4	370	ug/Kg
106-44-5	4-Methylphenol	60	U	60	93.4	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	89	U	89	48.1	190	ug/Kg
67-72-1	Hexachloroethane	69	U	69	48.1	190	ug/Kg
98-95-3	Nitrobenzene	72	U	72	48.1	190	ug/Kg
78-59-1	Isophorone	75	U	75	48.1	190	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	48.1	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	48.1	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	48.1	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	48.1	190	ug/Kg
91-20-3	Naphthalene	27	U	27	48.1	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.1	370	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.1	190	ug/Kg
105-60-2	Caprolactam	72	U	72	93.4	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	48.1	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	48.1	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	48.1	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	93.4	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	48.1	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	48.1	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5R8			SDG No.:	BG052824
Lab Sample ID:	P2568-11			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.7
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
BG061299.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	48.1	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	48.1	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	48.1	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48.1	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.1	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.1	190	ug/Kg
99-09-2	3-Nitroaniline	75	U	75	93.4	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	48.1	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	93.4	370	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	93.4	370	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.1	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.1	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	48.1	190	ug/Kg
86-73-7	Fluorene	31	U	31	48.1	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.1	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	93.4	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	93.4	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	48.1	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	48.1	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	48.1	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.1	190	ug/Kg
1912-24-9	Atrazine	32	U	32	93.4	370	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	93.4	370	ug/Kg
85-01-8	Phenanthrene	31	U	31	48.1	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48.1	190	ug/Kg
120-12-7	Anthracene	28	U	28	48.1	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	48.1	190	ug/Kg
86-74-8	Carbazole	39	U	39	93.4	370	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.1	190	ug/Kg
206-44-0	Fluoranthene	22	U	22	93.4	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5R8			SDG No.:	BG052824
Lab Sample ID:	P2568-11			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.7
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
BG061299.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	48.1	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48.1	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	93.4	370	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	48.1	190	ug/Kg
218-01-9	Chrysene	27	U	27	48.1	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	48.1	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	93.4	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	48.1	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	48.1	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	48.1	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	48.1	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	48.1	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	48.1	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.1	190	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	34.151		20-120		85	SPK: -40
17647-74-4	1,4-Dioxane-d8	7.577		15-120		95	SPK: -8
4165-62-2	Phenol-d5	38.636		10-130		97	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	37.931		10-150		95	SPK: -40
93951-73-6	2-Chlorophenol-d4	40.544		15-120		101	SPK: -40
190780-66-6	4-Methylphenol-d8	39.468		10-140		99	SPK: -40
4165-60-0	Nitrobenzene-d5	40.51		10-135		101	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.962		10-120		97	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	40.214		10-140		101	SPK: -40
191656-33-4	4-Chloroaniline-d4	39.514		1-145		99	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.353		10-145		98	SPK: -40
93951-97-4	Acenaphthylene-d8	41.724		15-120		104	SPK: -40
93951-79-2	4-Nitrophenol-d4	37.164		10-150		93	SPK: -40
81103-79-9	Fluorene-d10	41.107		20-140		103	SPK: -40

CHEMTECH
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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5R8			SDG No.:	BG052824
Lab Sample ID:	P2568-11			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.7
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
BG061299.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.902		10-130		82	SPK: -40
1719-06-8	Anthracene-d10	42.379		10-150		106	SPK: -40
1718-52-1	Pyrene-d10	42.147		10-130		105	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.492		10-140		106	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	20807	7.882				
1146-65-2	Naphthalene-d8	92746	10.679				
15067-26-2	Acenaphthene-d10	77322	14.516				
1517-22-2	Phenanthrene-d10	188332	17.265				
1719-03-5	Chrysene-d12	192868	21.513				
1520-96-3	Perylene-d12	220705	24.598				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			3.082	
004254-15-3	(S)-(+)-1,2-Propanediol	220	J			3.611	
	unknown-01	99	J			7.471	
001119-40-0	Pentanedioic acid, dimethyl ester	92	J			9.598	
000770-35-4	1-Phenoxypropan-2-ol	180	J			11.413	
000506-52-5	1-Hexacosanol	76	J			21.178	
000124-26-5	Octadecanamide	130	J			22.929	
000111-02-4	Squalene	85	J			23.135	
E966796	Total Alkanes	29	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH638			SDG No.:	BG052824
Lab Sample ID:	P2568-18			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.2
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
BG061300.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

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	69	U	69	98.1	390	ug/Kg
110-86-1	Pyridine	92	U	92	200	390	ug/Kg
108-95-2	Phenol	36	U	36	98.1	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	98.1	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.5	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	98.1	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	98.1	390	ug/Kg
98-86-2	Acetophenone	78	U	78	98.1	390	ug/Kg
106-44-5	4-Methylphenol	63	U	63	98.1	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	94	U	94	50.5	200	ug/Kg
67-72-1	Hexachloroethane	73	U	73	50.5	200	ug/Kg
98-95-3	Nitrobenzene	76	U	76	50.5	200	ug/Kg
78-59-1	Isophorone	78	U	78	50.5	200	ug/Kg
88-75-5	2-Nitrophenol	71	U	71	50.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	50.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	50.5	200	ug/Kg
91-20-3	Naphthalene	29	U	29	50.5	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	50.5	390	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	50.5	200	ug/Kg
105-60-2	Caprolactam	76	U	76	98.1	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	50.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	50.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	50.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	98.1	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	50.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	50.5	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH638			SDG No.:	BG052824
Lab Sample ID:	P2568-18			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.2
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
BG061300.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	50.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	50.5	200	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	50.5	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	50.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50.5	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	50.5	200	ug/Kg
99-09-2	3-Nitroaniline	78	U	78	98.1	390	ug/Kg
83-32-9	Acenaphthene	31	U	31	50.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	98.1	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	98.1	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	50.5	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	50.5	200	ug/Kg
86-73-7	Fluorene	32	U	32	50.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.5	200	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	98.1	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	98.1	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	50.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	50.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50.5	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	50.5	200	ug/Kg
1912-24-9	Atrazine	33	U	33	98.1	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	98.1	390	ug/Kg
85-01-8	Phenanthrene	150	J	32	50.5	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.5	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50.5	200	ug/Kg
86-74-8	Carbazole	40	U	40	98.1	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.5	200	ug/Kg
206-44-0	Fluoranthene	370		23	98.1	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH638			SDG No.:	BG052824
Lab Sample ID:	P2568-18			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.2
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
BG061300.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	340		21	50.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	66	J	26	50.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	98.1	390	ug/Kg
56-55-3	Benzo(a)anthracene	190	J	27	50.5	200	ug/Kg
218-01-9	Chrysene	230		29	50.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	180	J	30	50.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	98.1	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	290		44	50.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	85	J	45	50.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	200		37	50.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	J	33	50.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42	J	31	50.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	J	38	50.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	50.5	200	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	16.983		20-120		42	SPK: -40
17647-74-4	1,4-Dioxane-d8	4.895		15-120		61	SPK: -8
4165-62-2	Phenol-d5	23.469		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.074		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.787		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	20.076		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	24.646		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.91		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.956		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.038		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.482		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	26.591		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.297		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	26.502		20-140		66	SPK: -40

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH638			SDG No.:	BG052824
Lab Sample ID:	P2568-18			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.2
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
BG061300.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.952		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	26.367		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	27.617		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.194		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	21951	7.883				
1146-65-2	Naphthalene-d8	95526	10.679				
15067-26-2	Acenaphthene-d10	78253	14.516				
1517-22-2	Phenanthrene-d10	192134	17.266				
1719-03-5	Chrysene-d12	190924	21.514				
1520-96-3	Perylene-d12	219400	24.598				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	13000	J			3.082	
004254-15-3	(S)-(+)-1,2-Propanediol	220	J			3.605	
000079-39-0	Methacrylamide	84	J			3.864	
000770-35-4	1-Phenoxypropan-2-ol	150	J			11.419	
	unknown-01	91	J			21.191	
000301-02-0	9-Octadecenamide, (Z)-	90	J			22.93	
000192-97-2	Benzo[e]pyrene	140	J			24.31	
E966796	Total Alkanes	31	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH636			SDG No.:	BG052824
Lab Sample ID:	P2568-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.1
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
BG061301.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

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	94.9	380	ug/Kg
110-86-1	Pyridine	89	U	89	190	380	ug/Kg
108-95-2	Phenol	35	U	35	94.9	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	94.9	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.9	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	94.9	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	94.9	380	ug/Kg
98-86-2	Acetophenone	76	U	76	94.9	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	94.9	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	91	U	91	48.9	200	ug/Kg
67-72-1	Hexachloroethane	70	U	70	48.9	200	ug/Kg
98-95-3	Nitrobenzene	74	U	74	48.9	200	ug/Kg
78-59-1	Isophorone	76	U	76	48.9	200	ug/Kg
88-75-5	2-Nitrophenol	69	U	69	48.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	48.9	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	48.9	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	48.9	200	ug/Kg
91-20-3	Naphthalene	28	U	28	48.9	200	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.9	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.9	200	ug/Kg
105-60-2	Caprolactam	74	U	74	94.9	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	48.9	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	48.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	48.9	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.9	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	48.9	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	48.9	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH636			SDG No.:	BG052824
Lab Sample ID:	P2568-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.1
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
BG061301.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	48.9	200	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	48.9	200	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	48.9	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	48.9	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.9	200	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.9	200	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	94.9	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	48.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	94.9	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	94.9	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.9	200	ug/Kg
84-66-2	Diethylphthalate	38	U	38	48.9	200	ug/Kg
86-73-7	Fluorene	31	U	31	48.9	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.9	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	94.9	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	94.9	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	48.9	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	48.9	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	48.9	200	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.9	200	ug/Kg
1912-24-9	Atrazine	32	U	32	94.9	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	94.9	380	ug/Kg
85-01-8	Phenanthrene	31	U	31	48.9	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	48.9	200	ug/Kg
120-12-7	Anthracene	29	U	29	48.9	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	48.9	200	ug/Kg
86-74-8	Carbazole	39	U	39	94.9	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.9	200	ug/Kg
206-44-0	Fluoranthene	39	J	22	94.9	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH636			SDG No.:	BG052824
Lab Sample ID:	P2568-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.1
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
BG061301.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	48.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	94.9	380	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	48.9	200	ug/Kg
218-01-9	Chrysene	28	U	28	48.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	48.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	94.9	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	48.9	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	48.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	48.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	48.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	48.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	48.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.9	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.309		15-120		79	SPK: -8
7291-22-7	Pyridine-d5	30.248		20-120		76	SPK: -40
4165-62-2	Phenol-d5	32.109		10-130		80	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.623		10-150		82	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.721		15-120		84	SPK: -40
190780-66-6	4-Methylphenol-d8	34.176		10-140		85	SPK: -40
4165-60-0	Nitrobenzene-d5	34.621		10-135		87	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.498		10-120		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.502		10-140		89	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.806		1-145		87	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.542		10-145		89	SPK: -40
93951-97-4	Acenaphthylene-d8	37.483		15-120		94	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.385		10-150		83	SPK: -40
81103-79-9	Fluorene-d10	37.532		20-140		94	SPK: -40

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH636			SDG No.:	BG052824
Lab Sample ID:	P2568-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.1
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
BG061301.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.436		10-130		76	SPK: -40
1719-06-8	Anthracene-d10	37.884		10-150		95	SPK: -40
1718-52-1	Pyrene-d10	38.287		10-130		96	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.555		10-140		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	21562	7.883				
1146-65-2	Naphthalene-d8	93136	10.674				
15067-26-2	Acenaphthene-d10	78964	14.517				
1517-22-2	Phenanthrene-d10	193165	17.266				
1719-03-5	Chrysene-d12	201012	21.514				
1520-96-3	Perylene-d12	228735	24.599				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			3.077	
	unknown-01	190	J			3.612	
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.415	
000301-02-0	9-Octadecenamide, (Z)-	95	J			22.93	
E966796	Total Alkanes	30	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH641			SDG No.:	BG052824
Lab Sample ID:	P2568-20			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.8
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
BG061302.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.6	76	ug/Kg
100-52-7	Benzaldehyde	67	U	67	94.6	380	ug/Kg
110-86-1	Pyridine	88	U	88	190	380	ug/Kg
108-95-2	Phenol	34	U	34	94.6	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	94.6	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.7	190	ug/Kg
95-48-7	2-Methylphenol	36	U	36	94.6	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	94.6	380	ug/Kg
98-86-2	Acetophenone	76	U	76	94.6	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	94.6	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	91	U	91	48.7	190	ug/Kg
67-72-1	Hexachloroethane	70	U	70	48.7	190	ug/Kg
98-95-3	Nitrobenzene	73	U	73	48.7	190	ug/Kg
78-59-1	Isophorone	76	U	76	48.7	190	ug/Kg
88-75-5	2-Nitrophenol	69	U	69	48.7	190	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	48.7	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	48.7	190	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	48.7	190	ug/Kg
91-20-3	Naphthalene	28	U	28	48.7	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.7	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.7	190	ug/Kg
105-60-2	Caprolactam	73	U	73	94.6	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	48.7	190	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	48.7	190	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	48.7	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.6	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	48.7	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	48.7	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH641			SDG No.:	BG052824
Lab Sample ID:	P2568-20			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.8
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
BG061302.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	48.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	48.7	190	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	48.7	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48.7	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.7	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.7	190	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	94.6	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	48.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	94.6	380	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	94.6	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.7	190	ug/Kg
84-66-2	Diethylphthalate	38	U	38	48.7	190	ug/Kg
86-73-7	Fluorene	31	U	31	48.7	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.7	190	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	94.6	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	94.6	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	48.7	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	48.7	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	48.7	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.7	190	ug/Kg
1912-24-9	Atrazine	32	U	32	94.6	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	94.6	380	ug/Kg
85-01-8	Phenanthrene	31	U	31	48.7	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48.7	190	ug/Kg
120-12-7	Anthracene	29	U	29	48.7	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	48.7	190	ug/Kg
86-74-8	Carbazole	39	U	39	94.6	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.7	190	ug/Kg
206-44-0	Fluoranthene	66	J	22	94.6	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH641			SDG No.:	BG052824
Lab Sample ID:	P2568-20			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.8
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
BG061302.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	62	J	21	48.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48.7	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	94.6	380	ug/Kg
56-55-3	Benzo(a)anthracene	40	J	26	48.7	190	ug/Kg
218-01-9	Chrysene	28	U	28	48.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	48.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	94.6	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	47	J	42	48.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	48.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	48.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	48.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	48.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	48.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.7	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	8.725		15-120		109	SPK: -8
7291-22-7	Pyridine-d5	33.872		20-120		85	SPK: -40
4165-62-2	Phenol-d5	37.4		10-130		94	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	37.122		10-150		93	SPK: -40
93951-73-6	2-Chlorophenol-d4	39.287		15-120		98	SPK: -40
190780-66-6	4-Methylphenol-d8	39.935		10-140		100	SPK: -40
4165-60-0	Nitrobenzene-d5	38.125		10-135		95	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.777		10-120		97	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	39.293		10-140		98	SPK: -40
191656-33-4	4-Chloroaniline-d4	37.822		1-145		95	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.222		10-145		98	SPK: -40
93951-97-4	Acenaphthylene-d8	40.874		15-120		102	SPK: -40
93951-79-2	4-Nitrophenol-d4	38.104		10-150		95	SPK: -40
81103-79-9	Fluorene-d10	40.872		20-140		102	SPK: -40

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH641			SDG No.:	BG052824
Lab Sample ID:	P2568-20			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.8
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
BG061302.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.756		10-130		84	SPK: -40
1719-06-8	Anthracene-d10	40.63		10-150		102	SPK: -40
1718-52-1	Pyrene-d10	42.077		10-130		105	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.599		10-140		109	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	21616	7.882				
1146-65-2	Naphthalene-d8	97256	10.679				
15067-26-2	Acenaphthene-d10	82761	14.516				
1517-22-2	Phenanthrene-d10	201474	17.266				
1719-03-5	Chrysene-d12	203271	21.514				
1520-96-3	Perylene-d12	225529	24.598				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			3.082	
	unknown-01	180	J			3.611	
000770-35-4	1-Phenoxypropan-2-ol	160	J			11.414	
	(DEL) Alkane: Cyclic21.179	130	J			21.179	
000301-02-0	9-Octadecenamide, (Z)-	150	J			22.93	
E966796	Total Alkanes	130				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH643			SDG No.:	BG052824
Lab Sample ID:	P2568-22			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.9
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
BG061303.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.5	75	ug/Kg
100-52-7	Benzaldehyde	66	U	66	93.3	370	ug/Kg
110-86-1	Pyridine	87	U	87	190	370	ug/Kg
108-95-2	Phenol	34	U	34	93.3	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	93.3	370	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.1	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	93.3	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	93.3	370	ug/Kg
98-86-2	Acetophenone	75	U	75	93.3	370	ug/Kg
106-44-5	4-Methylphenol	60	U	60	93.3	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	89	U	89	48.1	190	ug/Kg
67-72-1	Hexachloroethane	69	U	69	48.1	190	ug/Kg
98-95-3	Nitrobenzene	72	U	72	48.1	190	ug/Kg
78-59-1	Isophorone	75	U	75	48.1	190	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	48.1	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	48.1	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	48.1	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	48.1	190	ug/Kg
91-20-3	Naphthalene	27	U	27	48.1	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.1	370	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.1	190	ug/Kg
105-60-2	Caprolactam	72	U	72	93.3	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	48.1	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	48.1	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	48.1	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	93.3	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	48.1	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	48.1	190	ug/Kg

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

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH643			SDG No.:	BG052824
Lab Sample ID:	P2568-22			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.9
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
BG061303.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	48.1	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	48.1	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	48.1	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48.1	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.1	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.1	190	ug/Kg
99-09-2	3-Nitroaniline	75	U	75	93.3	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	48.1	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	93.3	370	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	93.3	370	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.1	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.1	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	48.1	190	ug/Kg
86-73-7	Fluorene	31	U	31	48.1	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.1	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	93.3	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	93.3	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	48.1	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	48.1	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	48.1	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.1	190	ug/Kg
1912-24-9	Atrazine	32	U	32	93.3	370	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	93.3	370	ug/Kg
85-01-8	Phenanthrene	250		31	48.1	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48.1	190	ug/Kg
120-12-7	Anthracene	28	U	28	48.1	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	48.1	190	ug/Kg
86-74-8	Carbazole	38	U	38	93.3	370	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.1	190	ug/Kg
206-44-0	Fluoranthene	610		21	93.3	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH643			SDG No.:	BG052824
Lab Sample ID:	P2568-22			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.9
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
BG061303.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	530		20	48.1	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48.1	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	93.3	370	ug/Kg
56-55-3	Benzo(a)anthracene	320		26	48.1	190	ug/Kg
218-01-9	Chrysene	350		27	48.1	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	J	28	48.1	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	93.3	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	470		42	48.1	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	43	48.1	190	ug/Kg
50-32-8	Benzo(a)pyrene	310		35	48.1	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200		32	48.1	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	70	J	29	48.1	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	240		36	48.1	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.1	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.983		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	16.933		20-120		42	SPK: -40
4165-62-2	Phenol-d5	23.139		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.889		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.293		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	22.584		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	23.493		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.854		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.038		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.858		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.962		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	25.064		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.562		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	25.194		20-140		63	SPK: -40

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH643			SDG No.:	BG052824
Lab Sample ID:	P2568-22			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.9
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
BG061303.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.041		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	24.944		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	26.944		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.825		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	22730	7.888				
1146-65-2	Naphthalene-d8	102092	10.679				
15067-26-2	Acenaphthene-d10	84788	14.515				
1517-22-2	Phenanthrene-d10	202170	17.265				
1719-03-5	Chrysene-d12	202564	21.513				
1520-96-3	Perylene-d12	227015	24.597				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	10000	J			3.082	
	(DEL) Alkane: Straight-Chain4.309	79	J			4.309	
000610-48-0	Anthracene, 1-methyl-	84	J			18.187	
004701-17-1	5-Bromo-2-thiophenecarboxaldehyde	78	J			18.334	
	unknown-01	130	J			21.184	
000192-97-2	Benzo[e]pyrene	240	J			24.316	
	(DEL) Alkane: Straight-Chain25.690	160	J			25.69	
000213-46-7	Picene	140	J			28.528	
E966796	Total Alkanes	240				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/22/2024 12:00:00 AM
Project:				Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	SBLK064			SDG No.:	BG052824
Lab Sample ID:	PB161064BL			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
BG061305.D	1	5/22/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161064

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:	5/22/2024 12:00:00 AM
Project:				Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	SBLK064			SDG No.:	BG052824
Lab Sample ID:	PB161064BL			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
BG061305.D	1	5/22/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161064

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

Report of Analysis

Client:				Date Collected:	5/22/2024 12:00:00 AM
Project:				Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	SBLK064			SDG No.:	BG052824
Lab Sample ID:	PB161064BL			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
BG061305.D	1	5/22/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161064

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	6.339		15-120		79	SPK: -8
7291-22-7	Pyridine-d5	28.79		20-120		72	SPK: -40
4165-62-2	Phenol-d5	29.6		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.91		10-150		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.108		15-120		80	SPK: -40
190780-66-6	4-Methylphenol-d8	30.954		10-140		77	SPK: -40
4165-60-0	Nitrobenzene-d5	31.651		10-135		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.559		10-120		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.936		10-140		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.199		1-145		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.92		10-145		80	SPK: -40
93951-97-4	Acenaphthylene-d8	32.884		15-120		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.642		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	32.645		20-140		82	SPK: -40

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

Client:				Date Collected:	5/22/2024 12:00:00 AM
Project:				Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	SBLK064			SDG No.:	BG052824
Lab Sample ID:	PB161064BL			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
BG061305.D	1	5/22/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161064

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.251		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	35.027		10-150		88	SPK: -40
1718-52-1	Pyrene-d10	34.548		10-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.367		10-140		86	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	21981	7.882				
1146-65-2	Naphthalene-d8	95281	10.679				
15067-26-2	Acenaphthene-d10	81295	14.516				
1517-22-2	Phenanthrene-d10	193353	17.266				
1719-03-5	Chrysene-d12	198150	21.514				
1520-96-3	Perylene-d12	228116	24.598				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	160	J			3.082	
E966796	Total Alkanes	26	U			99	ug/Kg

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5R5			SDG No.:	BG052824
Lab Sample ID:	P2568-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.9
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
BG061306.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

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	94.7	380	ug/Kg
110-86-1	Pyridine	88	U	88	190	380	ug/Kg
108-95-2	Phenol	34	U	34	94.7	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	94.7	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.8	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	94.7	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	94.7	380	ug/Kg
98-86-2	Acetophenone	76	U	76	94.7	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	94.7	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	91	U	91	48.8	200	ug/Kg
67-72-1	Hexachloroethane	70	U	70	48.8	200	ug/Kg
98-95-3	Nitrobenzene	73	U	73	48.8	200	ug/Kg
78-59-1	Isophorone	76	U	76	48.8	200	ug/Kg
88-75-5	2-Nitrophenol	69	U	69	48.8	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	48.8	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	48.8	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	48.8	200	ug/Kg
91-20-3	Naphthalene	46	J	28	48.8	200	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.8	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.8	200	ug/Kg
105-60-2	Caprolactam	73	U	73	94.7	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	48.8	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	48.8	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	48.8	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.7	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	48.8	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	48.8	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5R5			SDG No.:	BG052824
Lab Sample ID:	P2568-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.9
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
BG061306.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	48.8	200	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	48.8	200	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	48.8	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48.8	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.8	200	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.8	200	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	94.7	380	ug/Kg
83-32-9	Acenaphthene	73	J	30	48.8	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	94.7	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	94.7	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.8	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.8	200	ug/Kg
84-66-2	Diethylphthalate	38	U	38	48.8	200	ug/Kg
86-73-7	Fluorene	40	J	31	48.8	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.8	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	94.7	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	94.7	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	48.8	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	48.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	48.8	200	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.8	200	ug/Kg
1912-24-9	Atrazine	32	U	32	94.7	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	94.7	380	ug/Kg
85-01-8	Phenanthrene	510		31	48.8	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48.8	200	ug/Kg
120-12-7	Anthracene	97	J	29	48.8	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	48.8	200	ug/Kg
86-74-8	Carbazole	82	J	39	94.7	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.8	200	ug/Kg
206-44-0	Fluoranthene	770		22	94.7	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5R5			SDG No.:	BG052824
Lab Sample ID:	P2568-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.9
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
BG061306.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	680		21	48.8	200	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48.8	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	94.7	380	ug/Kg
56-55-3	Benzo(a)anthracene	430		26	48.8	200	ug/Kg
218-01-9	Chrysene	460		28	48.8	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	69	J	29	48.8	200	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	94.7	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	610		42	48.8	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	240		44	48.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	490		36	48.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	280		32	48.8	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	92	J	30	48.8	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	340		37	48.8	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.8	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.497		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	25.226		20-120		63	SPK: -40
4165-62-2	Phenol-d5	31.124		10-130		78	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.751		10-150		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.188		15-120		80	SPK: -40
190780-66-6	4-Methylphenol-d8	33.066		10-140		83	SPK: -40
4165-60-0	Nitrobenzene-d5	31.451		10-135		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.77		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.715		10-140		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.67		1-145		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.476		10-145		81	SPK: -40
93951-97-4	Acenaphthylene-d8	34.414		15-120		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.384		10-150		81	SPK: -40
81103-79-9	Fluorene-d10	33.831		20-140		85	SPK: -40

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5R5			SDG No.:	BG052824
Lab Sample ID:	P2568-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.9
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
BG061306.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.006		10-130		70	SPK: -40
1719-06-8	Anthracene-d10	35.277		10-150		88	SPK: -40
1718-52-1	Pyrene-d10	34.825		10-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.916		10-140		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	28280	7.883				
1146-65-2	Naphthalene-d8	127594	10.674				
15067-26-2	Acenaphthene-d10	102152	14.516				
1517-22-2	Phenanthrene-d10	238666	17.266				
1719-03-5	Chrysene-d12	245344	21.514				
1520-96-3	Perylene-d12	275865	24.604				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1000	J			3.083	
000067-63-0	Isopropyl Alcohol	330	J			3.605	
	unknown-01	120	J			7.471	
001119-40-0	Pentanedioic acid, dimethyl ester	80	J			9.598	
000122-99-6	Ethanol, 2-phenoxy-	95	J			11.032	
000770-35-4	1-Phenoxypropan-2-ol	170	J			11.414	
000832-69-9	Phenanthrene, 1-methyl-	110	J			18.188	
083469-43-6	6H-Cyclobuta[jk]phenanthrene	120	J			18.335	
	unknown-02	120	J			21.197	
000638-58-4	Tetradecanamide	170	J			22.93	
004602-84-0	2,6,10-Dodecatrien-1-ol, 3,7,11-tr	78	J			23.136	
	unknown-03	100	J			23.87	
000205-82-3	Benzo[j]fluoranthene	300	J			24.322	
000198-55-0	Perylene	110	J			24.675	
E966796	Total Alkanes	30	U			99	ug/Kg

CHEMTECH
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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH637			SDG No.:	BG052824
Lab Sample ID:	P2568-17			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19
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
BG061307.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8.1	82	ug/Kg
100-52-7	Benzaldehyde	72	U	72	100	410	ug/Kg
110-86-1	Pyridine	95	U	95	200	410	ug/Kg
108-95-2	Phenol	37	U	37	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	52.5	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	49	U	49	100	410	ug/Kg
98-86-2	Acetophenone	81	U	81	100	410	ug/Kg
106-44-5	4-Methylphenol	65	U	65	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	98	U	98	52.5	210	ug/Kg
67-72-1	Hexachloroethane	75	U	75	52.5	210	ug/Kg
98-95-3	Nitrobenzene	79	U	79	52.5	210	ug/Kg
78-59-1	Isophorone	81	U	81	52.5	210	ug/Kg
88-75-5	2-Nitrophenol	74	U	74	52.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	52.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	56	U	56	52.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	52.5	210	ug/Kg
91-20-3	Naphthalene	30	U	30	52.5	210	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	52.5	410	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	52.5	210	ug/Kg
105-60-2	Caprolactam	79	U	79	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	52.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	52.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	52.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	52.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	52.5	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH637			SDG No.:	BG052824
Lab Sample ID:	P2568-17			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19
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
BG061307.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	52.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	52.5	210	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	52.5	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	52.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	52.5	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	52.5	210	ug/Kg
99-09-2	3-Nitroaniline	81	U	81	100	410	ug/Kg
83-32-9	Acenaphthene	32	U	32	52.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	410	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	410	ug/Kg
132-64-9	Dibenzofuran	33	U	33	52.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	52.5	210	ug/Kg
84-66-2	Diethylphthalate	41	U	41	52.5	210	ug/Kg
86-73-7	Fluorene	33	U	33	52.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.5	210	ug/Kg
100-01-6	4-Nitroaniline	30	U	30	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	30	U	30	52.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	52.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	52.5	210	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	52.5	210	ug/Kg
1912-24-9	Atrazine	35	U	35	100	410	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	410	ug/Kg
85-01-8	Phenanthrene	200	J	33	52.5	210	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	52.5	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	52.5	210	ug/Kg
86-74-8	Carbazole	42	U	42	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	52.5	210	ug/Kg
206-44-0	Fluoranthene	520		23	100	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH637			SDG No.:	BG052824
Lab Sample ID:	P2568-17			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19
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
BG061307.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	470		22	52.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	110	J	27	52.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	260		28	52.5	210	ug/Kg
218-01-9	Chrysene	300		30	52.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	340		31	52.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	59	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	390		46	52.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	47	52.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	270		38	52.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	35	52.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	60	J	32	52.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190	J	40	52.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	52.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.687		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	25.13		20-120		63	SPK: -40
4165-62-2	Phenol-d5	32.722		10-130		82	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.128		10-150		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.028		15-120		85	SPK: -40
190780-66-6	4-Methylphenol-d8	32.786		10-140		82	SPK: -40
4165-60-0	Nitrobenzene-d5	32.612		10-135		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.549		10-120		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.668		10-140		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.921		1-145		77	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.965		10-145		90	SPK: -40
93951-97-4	Acenaphthylene-d8	38.42		15-120		96	SPK: -40
93951-79-2	4-Nitrophenol-d4	36.335		10-150		91	SPK: -40
81103-79-9	Fluorene-d10	37.003		20-140		93	SPK: -40

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH637			SDG No.:	BG052824
Lab Sample ID:	P2568-17			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19
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
BG061307.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.499		10-130		76	SPK: -40
1719-06-8	Anthracene-d10	38.974		10-150		97	SPK: -40
1718-52-1	Pyrene-d10	40.495		10-130		101	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.015		10-140		98	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	27543	7.882				
1146-65-2	Naphthalene-d8	119102	10.679				
15067-26-2	Acenaphthene-d10	95482	14.515				
1517-22-2	Phenanthrene-d10	225829	17.265				
1719-03-5	Chrysene-d12	219644	21.519				
1520-96-3	Perylene-d12	251875	24.604				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			3.082	
000770-35-4	1-Phenoxypropan-2-ol	210	J			11.413	
000779-02-2	Anthracene, 9-methyl-	100	J			18.188	
000479-79-8	11H-Benzo[a]fluoren-11-one	98	J			21.255	
1000120-80-7	Methadone N-oxide	110	J			21.719	
004757-69-1	1H-Indole, 2-methyl-3-phenyl-	100	J			21.789	
000112-84-5	13-Docosenamide, (Z)-	160	J			22.929	
000192-97-2	Benzo[e]pyrene	170	J			24.316	
	(DEL) Alkane: Straight-Chain25.691	130	J			25.691	
E966796	Total Alkanes	130				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5R4			SDG No.:	BG052824
Lab Sample ID:	P2568-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.9
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
BG061308.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

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	69	U	69	97.8	390	ug/Kg
110-86-1	Pyridine	91	U	91	200	390	ug/Kg
108-95-2	Phenol	36	U	36	97.8	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	97.8	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.4	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	97.8	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	97.8	390	ug/Kg
98-86-2	Acetophenone	78	U	78	97.8	390	ug/Kg
106-44-5	4-Methylphenol	63	U	63	97.8	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	94	U	94	50.4	200	ug/Kg
67-72-1	Hexachloroethane	72	U	72	50.4	200	ug/Kg
98-95-3	Nitrobenzene	76	U	76	50.4	200	ug/Kg
78-59-1	Isophorone	78	U	78	50.4	200	ug/Kg
88-75-5	2-Nitrophenol	71	U	71	50.4	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50.4	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	50.4	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	50.4	200	ug/Kg
91-20-3	Naphthalene	51	J	28	50.4	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	50.4	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	50.4	200	ug/Kg
105-60-2	Caprolactam	76	U	76	97.8	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	50.4	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	50.4	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	50.4	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	97.8	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	50.4	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	50.4	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5R4			SDG No.:	BG052824
Lab Sample ID:	P2568-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.9
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
BG061308.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	50.4	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	50.4	200	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	50.4	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	50.4	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50.4	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	50.4	200	ug/Kg
99-09-2	3-Nitroaniline	78	U	78	97.8	390	ug/Kg
83-32-9	Acenaphthene	83	J	31	50.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	97.8	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	97.8	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50.4	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	50.4	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	50.4	200	ug/Kg
86-73-7	Fluorene	42	J	32	50.4	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.4	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	97.8	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	97.8	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	50.4	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	50.4	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50.4	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	50.4	200	ug/Kg
1912-24-9	Atrazine	33	U	33	97.8	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	97.8	390	ug/Kg
85-01-8	Phenanthrene	730		32	50.4	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.4	200	ug/Kg
120-12-7	Anthracene	120	J	30	50.4	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50.4	200	ug/Kg
86-74-8	Carbazole	110	J	40	97.8	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.4	200	ug/Kg
206-44-0	Fluoranthene	1200		23	97.8	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5R4			SDG No.:	BG052824
Lab Sample ID:	P2568-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.9
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
BG061308.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		21	50.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	J	26	50.4	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	97.8	390	ug/Kg
56-55-3	Benzo(a)anthracene	620		27	50.4	200	ug/Kg
218-01-9	Chrysene	720		28	50.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	340		30	50.4	200	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	97.8	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	930		44	50.4	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	390		45	50.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	710		37	50.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	430		33	50.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	J	31	50.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	510		38	50.4	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	50.4	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.183		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	11.924		20-120		30	SPK: -40
4165-62-2	Phenol-d5	17.653		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.885		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.392		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	16.242		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	18.056		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.317		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.003		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.063		1-145		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.988		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	20.782		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.182		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	20.328		20-140		51	SPK: -40

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

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5R4			SDG No.:	BG052824
Lab Sample ID:	P2568-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.9
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
BG061308.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.129		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	21.415		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	22.043		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.637		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	26003	7.885				
1146-65-2	Naphthalene-d8	111436	10.675				
15067-26-2	Acenaphthene-d10	84848	14.518				
1517-22-2	Phenanthrene-d10	194689	17.262				
1719-03-5	Chrysene-d12	201196	21.516				
1520-96-3	Perylene-d12	227872	24.6				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	12000	J			3.084	
	unknown-01	130	J			3.613	
	unknown-02	150	J			3.866	
000832-69-9	Phenanthrene, 1-methyl-	98	J			18.143	
000832-71-3	Phenanthrene, 3-methyl-	160	J			18.19	
000203-64-5	4H-Cyclopenta[def]phenanthrene	160	J			18.337	
000084-65-1	9,10-Anthracenedione	130	J			18.684	
001576-67-6	Phenanthrene, 3,6-dimethyl-	99	J			19.06	
005737-13-3	Cyclopenta(def)phenanthrenone	120	J			19.201	
002381-21-7	Pyrene, 1-methyl-	84	J			20.176	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	96	J			21.104	
	unknown-03	140	J			21.198	
000082-05-3	7H-Benz[de]anthracen-7-one	86	J			21.257	
000629-54-9	Hexadecanamide	120	J			22.932	
000192-97-2	Benzo[e]pyrene	100	J			23.872	
	unknown-04	430	J			24.318	
E966796	Total Alkanes	31	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5R4			SDG No.:	BG052824
Lab Sample ID:	P2568-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.9
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
BG061308.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH642			SDG No.:	BG052824
Lab Sample ID:	P2568-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.5
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
BG061309.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

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	95.1	380	ug/Kg
110-86-1	Pyridine	89	U	89	190	380	ug/Kg
108-95-2	Phenol	35	U	35	95.1	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	95.1	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	49	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	95.1	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	95.1	380	ug/Kg
98-86-2	Acetophenone	76	U	76	95.1	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	95.1	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	91	U	91	49	200	ug/Kg
67-72-1	Hexachloroethane	70	U	70	49	200	ug/Kg
98-95-3	Nitrobenzene	74	U	74	49	200	ug/Kg
78-59-1	Isophorone	76	U	76	49	200	ug/Kg
88-75-5	2-Nitrophenol	69	U	69	49	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	49	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49	200	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	49	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	49	200	ug/Kg
105-60-2	Caprolactam	74	U	74	95.1	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	49	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	49	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	95.1	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	49	200	ug/Kg

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH642			SDG No.:	BG052824
Lab Sample ID:	P2568-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.5
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
BG061309.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49	200	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	49	200	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	49	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49	200	ug/Kg
208-96-8	Acenaphthylene	33	U	33	49	200	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	95.1	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	49	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	95.1	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95.1	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	49	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	49	200	ug/Kg
84-66-2	Diethylphthalate	38	U	38	49	200	ug/Kg
86-73-7	Fluorene	31	U	31	49	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	95.1	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	95.1	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	49	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49	200	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	49	200	ug/Kg
1912-24-9	Atrazine	32	U	32	95.1	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	95.1	380	ug/Kg
85-01-8	Phenanthrene	380		31	49	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49	200	ug/Kg
120-12-7	Anthracene	57	J	29	49	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49	200	ug/Kg
86-74-8	Carbazole	53	J	39	95.1	380	ug/Kg
84-74-2	Di-n-butylphthalate	56	J	31	49	200	ug/Kg
206-44-0	Fluoranthene	950		22	95.1	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH642			SDG No.:	BG052824
Lab Sample ID:	P2568-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.5
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
BG061309.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	820		21	49	200	ug/Kg
85-68-7	Butylbenzylphthalate	71	J	25	49	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	95.1	380	ug/Kg
56-55-3	Benzo(a)anthracene	490		27	49	200	ug/Kg
218-01-9	Chrysene	570		28	49	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	220		29	49	200	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	95.1	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	660		43	49	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	280		44	49	200	ug/Kg
50-32-8	Benzo(a)pyrene	490		36	49	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	300		32	49	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	J	30	49	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	380		37	49	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	49	200	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	20.126		20-120		50	SPK: -40
17647-74-4	1,4-Dioxane-d8	5.617		15-120		70	SPK: -8
4165-62-2	Phenol-d5	27.135		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.919		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.155		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	25.912		10-140		65	SPK: -40
4165-60-0	Nitrobenzene-d5	28.887		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.943		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.168		10-140		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.448		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.439		10-145		71	SPK: -40
93951-97-4	Acenaphthylene-d8	30.027		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.416		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	29.32		20-140		73	SPK: -40

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH642			SDG No.:	BG052824
Lab Sample ID:	P2568-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.5
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
BG061309.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.875		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	31.176		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	32.329		10-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.919		10-140		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	23205	7.88				
1146-65-2	Naphthalene-d8	98862	10.676				
15067-26-2	Acenaphthene-d10	77402	14.519				
1517-22-2	Phenanthrene-d10	170218	17.263				
1719-03-5	Chrysene-d12	174020	21.517				
1520-96-3	Perylene-d12	197869	24.601				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	13000	J			3.079	
004254-14-2	R-(-)-1,2-propanediol	100	J			3.614	
	unknown-01	120	J			3.861	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	100	J			10.447	
000770-35-4	1-Phenoxypropan-2-ol	97	J			11.417	
000832-69-9	Phenanthrene, 1-methyl-	90	J			18.144	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	120	J			18.332	
000084-65-1	9,10-Anthracenedione	99	J			18.685	
003674-65-5	Phenanthrene, 2,3-dimethyl-	97	J			19.061	
005737-13-3	Cyclopenta(def)phenanthrenone	120	J			19.202	
001330-86-5	Diisooctyl adipate	120	J			20.647	
000479-79-8	11H-Benzo[a]fluoren-11-one	100	J			20.929	
1000451-53-7	Valeramide, N-(2-phenylethyl)-N-te	170	J			21.188	
000082-05-3	7H-Benz[de]anthracen-7-one	110	J			21.258	
000112-84-5	13-Docosenamide, (Z)-	100	J			22.933	
012260-67-2	(1-Cyclopentenyl)ferrocene	96	J			23.867	
000192-97-2	Benzo[e]pyrene	310	J			24.319	

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH642			SDG No.:	BG052824
Lab Sample ID:	P2568-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.5
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
BG061309.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain25.688	270	J			25.688	
E966796	Total Alkanes	270				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH633			SDG No.:	BG052824
Lab Sample ID:	P2568-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.5
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
BG061310.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.7	78	ug/Kg
100-52-7	Benzaldehyde	68	U	68	96.2	380	ug/Kg
110-86-1	Pyridine	90	U	90	190	380	ug/Kg
108-95-2	Phenol	35	U	35	96.2	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	96.2	380	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.5	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	96.2	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	96.2	380	ug/Kg
98-86-2	Acetophenone	77	U	77	96.2	380	ug/Kg
106-44-5	4-Methylphenol	62	U	62	96.2	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	92	U	92	49.5	200	ug/Kg
67-72-1	Hexachloroethane	71	U	71	49.5	200	ug/Kg
98-95-3	Nitrobenzene	75	U	75	49.5	200	ug/Kg
78-59-1	Isophorone	77	U	77	49.5	200	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	49.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	49.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49.5	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49.5	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	49.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	49.5	200	ug/Kg
105-60-2	Caprolactam	75	U	75	96.2	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	49.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	49.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	96.2	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	49.5	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH633			SDG No.:	BG052824
Lab Sample ID:	P2568-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.5
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
BG061310.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	49.5	200	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	49.5	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49.5	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	49.5	200	ug/Kg
99-09-2	3-Nitroaniline	77	U	77	96.2	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	49.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	96.2	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	96.2	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	49.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	49.5	200	ug/Kg
84-66-2	Diethylphthalate	38	U	38	49.5	200	ug/Kg
86-73-7	Fluorene	31	U	31	49.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.5	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	96.2	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	96.2	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	49.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49.5	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	49.5	200	ug/Kg
1912-24-9	Atrazine	33	U	33	96.2	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	96.2	380	ug/Kg
85-01-8	Phenanthrene	420		31	49.5	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.5	200	ug/Kg
120-12-7	Anthracene	68	J	29	49.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49.5	200	ug/Kg
86-74-8	Carbazole	51	J	40	96.2	380	ug/Kg
84-74-2	Di-n-butylphthalate	49	J	31	49.5	200	ug/Kg
206-44-0	Fluoranthene	890		22	96.2	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH633			SDG No.:	BG052824
Lab Sample ID:	P2568-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.5
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
BG061310.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	790		21	49.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	96	J	26	49.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	96.2	380	ug/Kg
56-55-3	Benzo(a)anthracene	440		27	49.5	200	ug/Kg
218-01-9	Chrysene	510		28	49.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	360		29	49.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	96.2	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	610		43	49.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	210		44	49.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	440		36	49.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260		33	49.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85	J	30	49.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	330		37	49.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	49.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.124		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	16.993		20-120		42	SPK: -40
4165-62-2	Phenol-d5	24.852		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.9		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.93		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	23.407		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	24.233		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.141		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.165		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.27		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.451		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	27.045		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.114		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	25.982		20-140		65	SPK: -40

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH633			SDG No.:	BG052824
Lab Sample ID:	P2568-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.5
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
BG061310.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.432		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	27.138		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	27.357		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.658		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	27852	7.882				
1146-65-2	Naphthalene-d8	122623	10.679				
15067-26-2	Acenaphthene-d10	93203	14.516				
1517-22-2	Phenanthrene-d10	215508	17.265				
1719-03-5	Chrysene-d12	218781	21.513				
1520-96-3	Perylene-d12	248897	24.604				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	11000	J			3.082	
	unknown-01	99	J			3.857	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	190	J			10.444	
000832-69-9	Phenanthrene, 1-methyl-	82	J			18.141	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	120	J			18.329	
000084-65-1	9,10-Anthracenedione	87	J			18.687	
003674-66-6	Phenanthrene, 2,5-dimethyl-	100	J			19.057	
005737-13-3	Cyclopenta(def)phenanthrenone	92	J			19.198	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	88	J			21.108	
027208-37-3	Cyclopenta[cd]pyrene	160	J			21.19	
000479-79-8	11H-Benzo[a]fluoren-11-one	100	J			21.255	
106010-22-4	Palmitoleamide	110	J			22.929	
000192-97-2	Benzo[e]pyrene	86	J			23.869	
000198-55-0	Perylene	250	J			24.316	
E966796	Total Alkanes	30	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH634			SDG No.:	BG052824
Lab Sample ID:	P2568-14			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.6
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
BG061311.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.7	78	ug/Kg
100-52-7	Benzaldehyde	68	U	68	96.3	390	ug/Kg
110-86-1	Pyridine	90	U	90	190	390	ug/Kg
108-95-2	Phenol	35	U	35	96.3	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	96.3	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.6	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	96.3	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	96.3	390	ug/Kg
98-86-2	Acetophenone	77	U	77	96.3	390	ug/Kg
106-44-5	4-Methylphenol	62	U	62	96.3	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	92	U	92	49.6	200	ug/Kg
67-72-1	Hexachloroethane	71	U	71	49.6	200	ug/Kg
98-95-3	Nitrobenzene	75	U	75	49.6	200	ug/Kg
78-59-1	Isophorone	77	U	77	49.6	200	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	49.6	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49.6	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	49.6	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49.6	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49.6	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	49.6	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	49.6	200	ug/Kg
105-60-2	Caprolactam	75	U	75	96.3	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	49.6	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49.6	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	49.6	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	96.3	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49.6	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	49.6	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH634			SDG No.:	BG052824
Lab Sample ID:	P2568-14			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.6
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
BG061311.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49.6	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	49.6	200	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	49.6	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49.6	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49.6	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	49.6	200	ug/Kg
99-09-2	3-Nitroaniline	77	U	77	96.3	390	ug/Kg
83-32-9	Acenaphthene	30	U	30	49.6	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	96.3	390	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	96.3	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	49.6	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	49.6	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	49.6	200	ug/Kg
86-73-7	Fluorene	32	U	32	49.6	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.6	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	96.3	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	96.3	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49.6	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	49.6	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49.6	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	49.6	200	ug/Kg
1912-24-9	Atrazine	33	U	33	96.3	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	96.3	390	ug/Kg
85-01-8	Phenanthrene	370		32	49.6	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.6	200	ug/Kg
120-12-7	Anthracene	68	J	29	49.6	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49.6	200	ug/Kg
86-74-8	Carbazole	40	U	40	96.3	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	49.6	200	ug/Kg
206-44-0	Fluoranthene	630		22	96.3	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH634			SDG No.:	BG052824
Lab Sample ID:	P2568-14			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.6
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
BG061311.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	530		21	49.6	200	ug/Kg
85-68-7	Butylbenzylphthalate	80	J	26	49.6	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	96.3	390	ug/Kg
56-55-3	Benzo(a)anthracene	310		27	49.6	200	ug/Kg
218-01-9	Chrysene	330		28	49.6	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	230		29	49.6	200	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	96.3	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	400		43	49.6	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	J	44	49.6	200	ug/Kg
50-32-8	Benzo(a)pyrene	290		36	49.6	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	33	49.6	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	62	J	30	49.6	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	200		37	49.6	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	49.6	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.668		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	17.164		20-120		43	SPK: -40
4165-62-2	Phenol-d5	23.272		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.959		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.853		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	23.187		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	24.308		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.233		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.932		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.794		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.806		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	24.788		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.866		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	24.393		20-140		61	SPK: -40

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH634			SDG No.:	BG052824
Lab Sample ID:	P2568-14			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.6
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
BG061311.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.782		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	25.344		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	26.579		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.397		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	23930	7.883				
1146-65-2	Naphthalene-d8	105236	10.679				
15067-26-2	Acenaphthene-d10	82624	14.516				
1517-22-2	Phenanthrene-d10	183839	17.266				
1719-03-5	Chrysene-d12	190239	21.514				
1520-96-3	Perylene-d12	213395	24.604				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	11000	J			3.082	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	190	J			10.444	
000613-12-7	Anthracene, 2-methyl-	150	J			18.188	
000203-64-5	4H-Cyclopenta[def]phenanthrene	100	J			18.335	
1000342-70-4	1-Octadecanesulphonyl chloride	170	J			21.179	
000629-54-9	Hexadecanamide	120	J			22.93	
000192-97-2	Benzo[e]pyrene	140	J			24.316	
006410-10-2	2-Naphthalenol, 1-[(4-nitrophenyl)	160	J			25.75	
E966796	Total Alkanes	30	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH635			SDG No.:	BG052824
Lab Sample ID:	P2568-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15
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
BG061312.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.7	78	ug/Kg
100-52-7	Benzaldehyde	68	U	68	96.7	390	ug/Kg
110-86-1	Pyridine	90	U	90	190	390	ug/Kg
108-95-2	Phenol	35	U	35	96.7	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	96.7	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.8	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	96.7	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	96.7	390	ug/Kg
98-86-2	Acetophenone	77	U	77	96.7	390	ug/Kg
106-44-5	4-Methylphenol	62	U	62	96.7	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	93	U	93	49.8	200	ug/Kg
67-72-1	Hexachloroethane	72	U	72	49.8	200	ug/Kg
98-95-3	Nitrobenzene	75	U	75	49.8	200	ug/Kg
78-59-1	Isophorone	77	U	77	49.8	200	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	49.8	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	49.8	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	49.8	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	49.8	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49.8	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	49.8	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	49.8	200	ug/Kg
105-60-2	Caprolactam	75	U	75	96.7	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	49.8	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49.8	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	49.8	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	96.7	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49.8	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	49.8	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH635			SDG No.:	BG052824
Lab Sample ID:	P2568-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15
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
BG061312.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49.8	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	49.8	200	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	49.8	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49.8	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49.8	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	49.8	200	ug/Kg
99-09-2	3-Nitroaniline	77	U	77	96.7	390	ug/Kg
83-32-9	Acenaphthene	30	U	30	49.8	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	96.7	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	96.7	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	49.8	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	49.8	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	49.8	200	ug/Kg
86-73-7	Fluorene	32	U	32	49.8	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.8	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	96.7	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	96.7	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49.8	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	49.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49.8	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	49.8	200	ug/Kg
1912-24-9	Atrazine	33	U	33	96.7	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	96.7	390	ug/Kg
85-01-8	Phenanthrene	85	J	32	49.8	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.8	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.8	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49.8	200	ug/Kg
86-74-8	Carbazole	40	U	40	96.7	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	49.8	200	ug/Kg
206-44-0	Fluoranthene	200		22	96.7	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH635			SDG No.:	BG052824
Lab Sample ID:	P2568-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15
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
BG061312.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	180	J	21	49.8	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	49.8	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	96.7	390	ug/Kg
56-55-3	Benzo(a)anthracene	110	J	27	49.8	200	ug/Kg
218-01-9	Chrysene	120	J	28	49.8	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	J	29	49.8	200	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	96.7	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	J	43	49.8	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	J	45	49.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	36	49.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	66	J	33	49.8	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	49.8	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	82	J	38	49.8	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	49.8	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.615		15-120		95	SPK: -8
7291-22-7	Pyridine-d5	31.366		20-120		78	SPK: -40
4165-62-2	Phenol-d5	35.418		10-130		89	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.319		10-150		86	SPK: -40
93951-73-6	2-Chlorophenol-d4	37.659		15-120		94	SPK: -40
190780-66-6	4-Methylphenol-d8	37.151		10-140		93	SPK: -40
4165-60-0	Nitrobenzene-d5	38.143		10-135		95	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.073		10-120		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	39.275		10-140		98	SPK: -40
191656-33-4	4-Chloroaniline-d4	36.704		1-145		92	SPK: -40
85448-30-2	Dimethylphthalate-d6	40.415		10-145		101	SPK: -40
93951-97-4	Acenaphthylene-d8	42.372		15-120		106	SPK: -40
93951-79-2	4-Nitrophenol-d4	40.369		10-150		101	SPK: -40
81103-79-9	Fluorene-d10	41.488		20-140		104	SPK: -40

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH635			SDG No.:	BG052824
Lab Sample ID:	P2568-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15
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
BG061312.D	1	5/23/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.989		10-130		87	SPK: -40
1719-06-8	Anthracene-d10	43.425		10-150		109	SPK: -40
1718-52-1	Pyrene-d10	43.38		10-130		108	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	44.837		10-140		112	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	25039	7.882				
1146-65-2	Naphthalene-d8	106830	10.679				
15067-26-2	Acenaphthene-d10	83291	14.515				
1517-22-2	Phenanthrene-d10	187524	17.265				
1719-03-5	Chrysene-d12	196236	21.513				
1520-96-3	Perylene-d12	219998	24.598				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1900	J			3.082	
	unknown-01	83	J			3.61	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	330	J			10.45	
	(DEL) Alkane: Cyclic21.178	110	J			21.178	
000301-02-0	9-Octadecenamide, (Z)-	160	J			22.929	
E966796	Total Alkanes	110				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH640			SDG No.:	BG052824
Lab Sample ID:	P2568-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.4
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
BG061313.D	1	5/23/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.7	78	ug/Kg
100-52-7	Benzaldehyde	68	U	68	96.1	380	ug/Kg
110-86-1	Pyridine	90	U	90	190	380	ug/Kg
108-95-2	Phenol	35	U	35	96.1	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	96.1	380	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.5	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	96.1	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	96.1	380	ug/Kg
98-86-2	Acetophenone	77	U	77	96.1	380	ug/Kg
106-44-5	4-Methylphenol	62	U	62	96.1	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	92	U	92	49.5	200	ug/Kg
67-72-1	Hexachloroethane	71	U	71	49.5	200	ug/Kg
98-95-3	Nitrobenzene	75	U	75	49.5	200	ug/Kg
78-59-1	Isophorone	77	U	77	49.5	200	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	49.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	49.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49.5	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49.5	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	49.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	49.5	200	ug/Kg
105-60-2	Caprolactam	75	U	75	96.1	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	49.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	49.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	96.1	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	49.5	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH640			SDG No.:	BG052824
Lab Sample ID:	P2568-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.4
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
BG061313.D	1	5/23/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	49.5	200	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	49.5	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49.5	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	49.5	200	ug/Kg
99-09-2	3-Nitroaniline	77	U	77	96.1	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	49.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	96.1	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	96.1	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	49.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	49.5	200	ug/Kg
84-66-2	Diethylphthalate	38	U	38	49.5	200	ug/Kg
86-73-7	Fluorene	31	U	31	49.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.5	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	96.1	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	96.1	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	49.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49.5	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	49.5	200	ug/Kg
1912-24-9	Atrazine	33	U	33	96.1	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	96.1	380	ug/Kg
85-01-8	Phenanthrene	100	J	31	49.5	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.5	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49.5	200	ug/Kg
86-74-8	Carbazole	40	U	40	96.1	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	49.5	200	ug/Kg
206-44-0	Fluoranthene	210		22	96.1	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH640			SDG No.:	BG052824
Lab Sample ID:	P2568-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.4
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
BG061313.D	1	5/23/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	190	J	21	49.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	49.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	96.1	380	ug/Kg
56-55-3	Benzo(a)anthracene	110	J	27	49.5	200	ug/Kg
218-01-9	Chrysene	120	J	28	49.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	J	29	49.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	96.1	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	43	49.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	J	44	49.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	36	49.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	67	J	33	49.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	49.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	74	J	37	49.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	49.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.696		15-120		84	SPK: -8
7291-22-7	Pyridine-d5	30.151		20-120		75	SPK: -40
4165-62-2	Phenol-d5	33.651		10-130		84	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.874		10-150		82	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.735		15-120		89	SPK: -40
190780-66-6	4-Methylphenol-d8	35.415		10-140		89	SPK: -40
4165-60-0	Nitrobenzene-d5	36.427		10-135		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.056		10-120		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.758		10-140		92	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.209		1-145		86	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.25		10-145		93	SPK: -40
93951-97-4	Acenaphthylene-d8	39.893		15-120		100	SPK: -40
93951-79-2	4-Nitrophenol-d4	36.858		10-150		92	SPK: -40
81103-79-9	Fluorene-d10	37.923		20-140		95	SPK: -40

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Report of Analysis

Client:				Date Collected:	5/21/2024 12:00:00 AM
Project:				Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH640			SDG No.:	BG052824
Lab Sample ID:	P2568-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.4
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
BG061313.D	1	5/23/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.277		10-130		81	SPK: -40
1719-06-8	Anthracene-d10	39.894		10-150		100	SPK: -40
1718-52-1	Pyrene-d10	40.086		10-130		100	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.936		10-140		105	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	25633	7.883				
1146-65-2	Naphthalene-d8	109277	10.674				
15067-26-2	Acenaphthene-d10	84869	14.517				
1517-22-2	Phenanthrene-d10	187101	17.266				
1719-03-5	Chrysene-d12	194954	21.514				
1520-96-3	Perylene-d12	220512	24.599				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			3.083	
	unknown-01	290	J			3.612	
006180-61-6	1-Propanol, 3-phenoxy-	170	J			11.414	
	(DEL) Alkane: Straight-Chain21.179	110	J			21.179	
000629-54-9	Hexadecanamide	130	J			22.924	
E966796	Total Alkanes	110				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/16/2024 12:00:00 AM
Project:				Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	BH9S8			SDG No.:	BG052824
Lab Sample ID:	P2528-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	6.3
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
BG061314.D	1	5/22/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161064

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	7	71	ug/Kg
100-52-7	Benzaldehyde	62	U	62	87.8	350	ug/Kg
110-86-1	Pyridine	82	U	82	180	350	ug/Kg
108-95-2	Phenol	32	U	32	87.8	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	31	U	31	87.8	350	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	45.2	180	ug/Kg
95-48-7	2-Methylphenol	33	U	33	87.8	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43	U	43	87.8	350	ug/Kg
98-86-2	Acetophenone	70	U	70	87.8	350	ug/Kg
106-44-5	4-Methylphenol	56	U	56	87.8	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	84	U	84	45.2	180	ug/Kg
67-72-1	Hexachloroethane	65	U	65	45.2	180	ug/Kg
98-95-3	Nitrobenzene	68	U	68	45.2	180	ug/Kg
78-59-1	Isophorone	70	U	70	45.2	180	ug/Kg
88-75-5	2-Nitrophenol	64	U	64	45.2	180	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	45.2	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	45.2	180	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	45.2	180	ug/Kg
91-20-3	Naphthalene	26	U	26	45.2	180	ug/Kg
106-47-8	4-Chloroaniline	38	U	38	45.2	350	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	45.2	180	ug/Kg
105-60-2	Caprolactam	68	U	68	87.8	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	45.2	180	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	45.2	180	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	45.2	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	87.8	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26	U	26	45.2	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	35	U	35	45.2	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/16/2024 12:00:00 AM
Project:				Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	BH9S8			SDG No.:	BG052824
Lab Sample ID:	P2528-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	6.3
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
BG061314.D	1	5/22/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161064

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	45.2	180	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	45.2	180	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	45.2	180	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	45.2	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	45.2	180	ug/Kg
208-96-8	Acenaphthylene	31	U	31	45.2	180	ug/Kg
99-09-2	3-Nitroaniline	70	U	70	87.8	350	ug/Kg
83-32-9	Acenaphthene	28	U	28	45.2	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	87.8	350	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	87.8	350	ug/Kg
132-64-9	Dibenzofuran	29	U	29	45.2	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	37	U	37	45.2	180	ug/Kg
84-66-2	Diethylphthalate	35	U	35	45.2	180	ug/Kg
86-73-7	Fluorene	29	U	29	45.2	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	45.2	180	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	87.8	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	40	U	40	87.8	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	45.2	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36	U	36	45.2	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	45.2	180	ug/Kg
118-74-1	Hexachlorobenzene	30	U	30	45.2	180	ug/Kg
1912-24-9	Atrazine	30	U	30	87.8	350	ug/Kg
87-86-5	Pentachlorophenol	94	U	94	87.8	350	ug/Kg
85-01-8	Phenanthrene	29	U	29	45.2	180	ug/Kg
608-93-5	Pentachlorobenzene	39	U	39	45.2	180	ug/Kg
120-12-7	Anthracene	27	U	27	45.2	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	45.2	180	ug/Kg
86-74-8	Carbazole	36	U	36	87.8	350	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	45.2	180	ug/Kg
206-44-0	Fluoranthene	20	U	20	87.8	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/16/2024 12:00:00 AM
Project:				Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	BH9S8			SDG No.:	BG052824
Lab Sample ID:	P2528-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	6.3
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
BG061314.D	1	5/22/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161064

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	19	U	19	45.2	180	ug/Kg
85-68-7	Butylbenzylphthalate	23	U	23	45.2	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	87.8	350	ug/Kg
56-55-3	Benzo(a)anthracene	24	U	24	45.2	180	ug/Kg
218-01-9	Chrysene	26	U	26	45.2	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	27	U	27	45.2	180	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	87.8	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	39	45.2	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	40	U	40	45.2	180	ug/Kg
50-32-8	Benzo(a)pyrene	33	U	33	45.2	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30	U	30	45.2	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	45.2	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	45.2	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	45.2	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.951		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	21.006		20-120		53	SPK: -40
4165-62-2	Phenol-d5	25.797		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.674		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.048		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	27.318		10-140		68	SPK: -40
4165-60-0	Nitrobenzene-d5	26.401		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.484		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.522		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.34		1-145		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.099		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	28.867		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.538		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	27.656		20-140		69	SPK: -40

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Report of Analysis

Client:				Date Collected:	5/16/2024 12:00:00 AM
Project:				Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	BH9S8			SDG No.:	BG052824
Lab Sample ID:	P2528-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	6.3
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
BG061314.D	1	5/22/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161064

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.948		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	28.719		10-150		72	SPK: -40
1718-52-1	Pyrene-d10	28.927		10-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.757		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	24654	7.885				
1146-65-2	Naphthalene-d8	107740	10.676				
15067-26-2	Acenaphthene-d10	85541	14.513				
1517-22-2	Phenanthrene-d10	193382	17.263				
1719-03-5	Chrysene-d12	202333	21.516				
1520-96-3	Perylene-d12	228641	24.601				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1800	J			3.079	
	unknown-01	210	J			3.608	
000770-35-4	1-Phenoxypropan-2-ol	85	J			11.417	
	(DEL) Alkane: Cyclic21.182	97	J			21.182	
E966796	Total Alkanes	97				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/16/2024 12:00:00 AM
Project:				Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	BH9S9			SDG No.:	BG052824
Lab Sample ID:	P2528-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.6
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
BG061315.D	1	5/22/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161064

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.7	78	ug/Kg
100-52-7	Benzaldehyde	68	U	68	96.6	390	ug/Kg
110-86-1	Pyridine	90	U	90	190	390	ug/Kg
108-95-2	Phenol	35	U	35	96.6	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	96.6	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.8	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	96.6	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	96.6	390	ug/Kg
98-86-2	Acetophenone	77	U	77	96.6	390	ug/Kg
106-44-5	4-Methylphenol	62	U	62	96.6	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	93	U	93	49.8	200	ug/Kg
67-72-1	Hexachloroethane	71	U	71	49.8	200	ug/Kg
98-95-3	Nitrobenzene	75	U	75	49.8	200	ug/Kg
78-59-1	Isophorone	77	U	77	49.8	200	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	49.8	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49.8	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	49.8	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49.8	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49.8	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	49.8	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	49.8	200	ug/Kg
105-60-2	Caprolactam	75	U	75	96.6	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	49.8	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49.8	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	49.8	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	96.6	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49.8	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	49.8	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/16/2024 12:00:00 AM
Project:				Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	BH9S9			SDG No.:	BG052824
Lab Sample ID:	P2528-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.6
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
BG061315.D	1	5/22/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161064

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49.8	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	49.8	200	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	49.8	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49.8	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49.8	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	49.8	200	ug/Kg
99-09-2	3-Nitroaniline	77	U	77	96.6	390	ug/Kg
83-32-9	Acenaphthene	30	U	30	49.8	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	96.6	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	96.6	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	49.8	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	49.8	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	49.8	200	ug/Kg
86-73-7	Fluorene	32	U	32	49.8	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.8	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	96.6	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	96.6	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49.8	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	49.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49.8	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	49.8	200	ug/Kg
1912-24-9	Atrazine	33	U	33	96.6	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	96.6	390	ug/Kg
85-01-8	Phenanthrene	32	U	32	49.8	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.8	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.8	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49.8	200	ug/Kg
86-74-8	Carbazole	40	U	40	96.6	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	49.8	200	ug/Kg
206-44-0	Fluoranthene	22	U	22	96.6	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/16/2024 12:00:00 AM
Project:				Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	BH9S9			SDG No.:	BG052824
Lab Sample ID:	P2528-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.6
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
BG061315.D	1	5/22/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161064

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	49.8	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	49.8	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	96.6	390	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	49.8	200	ug/Kg
218-01-9	Chrysene	28	U	28	49.8	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	49.8	200	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	96.6	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	49.8	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	49.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	49.8	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	49.8	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	49.8	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	49.8	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.386		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	13.866		20-120		35	SPK: -40
4165-62-2	Phenol-d5	25.575		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.072		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.104		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	24.944		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	28.292		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.421		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.477		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.165		1-145		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.51		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	28.577		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.886		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	27.227		20-140		68	SPK: -40

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Report of Analysis

Client:				Date Collected:	5/16/2024 12:00:00 AM
Project:				Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	BH9S9			SDG No.:	BG052824
Lab Sample ID:	P2528-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.6
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
BG061315.D	1	5/22/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161064

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.53		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	29.591		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	28.666		10-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.247		10-140		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	24958	7.888				
1146-65-2	Naphthalene-d8	107856	10.678				
15067-26-2	Acenaphthene-d10	85769	14.515				
1517-22-2	Phenanthrene-d10	190327	17.265				
1719-03-5	Chrysene-d12	200537	21.513				
1520-96-3	Perylene-d12	228620	24.597				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2100	J			3.081	
	unknown-01	110	J			3.61	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	120	J			10.449	
1000351-74-9	Octacosyl trifluoroacetate	93	J			21.178	
062951-96-6	1,5,9-Undecatriene, 2,6,10-trimeth	82	J			23.134	
E966796	Total Alkanes	30	U			99	ug/Kg

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

Client:				Date Collected:	5/23/2024 12:00:00 AM
Project:				Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	SLCS084			SDG No.:	BG052824
Lab Sample ID:	PB161084BS			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
BG061316.D	1	5/23/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	370		27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1100		58	82.5	330	ug/Kg
110-86-1	Pyridine	920		77	170	330	ug/Kg
108-95-2	Phenol	1000		30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	930		29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1000		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	960		31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	890		40	82.5	330	ug/Kg
98-86-2	Acetophenone	920		66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	990		53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	870		79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1000		61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	930		64	42.5	170	ug/Kg
78-59-1	Isophorone	860		66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1000		60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	830		32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	930		45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		38	42.5	170	ug/Kg
91-20-3	Naphthalene	1000		24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	830		36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1000		35	42.5	170	ug/Kg
105-60-2	Caprolactam	830		64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	910		41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	970		24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	980		32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	510		97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		33	42.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/23/2024 12:00:00 AM
Project:				Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	SLCS084			SDG No.:	BG052824
Lab Sample ID:	PB161084BS			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
BG061316.D	1	5/23/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1000		26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1000		33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	920		45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	900		30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	960		20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	960		29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1000		66	82.5	330	ug/Kg
83-32-9	Acenaphthene	970		26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	800		130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	900		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	980		27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	910		35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	860		33	42.5	170	ug/Kg
86-73-7	Fluorene	930		27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	950		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1000		24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	950		38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1100		24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1000		28	42.5	170	ug/Kg
1912-24-9	Atrazine	990		28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	940		88	82.5	330	ug/Kg
85-01-8	Phenanthrene	990		27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1100		37	42.5	170	ug/Kg
120-12-7	Anthracene	960		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200		17	42.5	170	ug/Kg
86-74-8	Carbazole	1000		34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	980		27	42.5	170	ug/Kg
206-44-0	Fluoranthene	990		19	82.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/23/2024 12:00:00 AM
Project:				Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	SLCS084			SDG No.:	BG052824
Lab Sample ID:	PB161084BS			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
BG061316.D	1	5/23/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1000		18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1000		22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	990		23	42.5	170	ug/Kg
218-01-9	Chrysene	1000		24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	970		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	900		31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	960		32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.736		15-120		84	SPK: -8
7291-22-7	Pyridine-d5	27.994		20-120		70	SPK: -40
4165-62-2	Phenol-d5	30.083		10-130		75	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.059		10-150		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.996		15-120		82	SPK: -40
190780-66-6	4-Methylphenol-d8	31.059		10-140		78	SPK: -40
4165-60-0	Nitrobenzene-d5	31.718		10-135		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.58		10-120		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.601		10-140		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.159		1-145		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.893		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	30.904		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.33		10-150		73	SPK: -40
81103-79-9	Fluorene-d10	29.343		20-140		73	SPK: -40

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Report of Analysis

Client:				Date Collected:	5/23/2024 12:00:00 AM
Project:				Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	SLCS084			SDG No.:	BG052824
Lab Sample ID:	PB161084BS			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
BG061316.D	1	5/23/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.52		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	31.471		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	31.12		10-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.949		10-140		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	28280	7.883				
1146-65-2	Naphthalene-d8	122133	10.679				
15067-26-2	Acenaphthene-d10	97609	14.516				
1517-22-2	Phenanthrene-d10	217637	17.266				
1719-03-5	Chrysene-d12	223921	21.52				
1520-96-3	Perylene-d12	252147	24.598				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/22/2024 12:00:00 AM
Project:				Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	SLCS064			SDG No.:	BG052824
Lab Sample ID:	PB161064BS			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
BG061317.D	1	5/22/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161064

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	350		27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	980		58	82.5	330	ug/Kg
110-86-1	Pyridine	790		77	170	330	ug/Kg
108-95-2	Phenol	830		30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	800		29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	860		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	800		31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	760		40	82.5	330	ug/Kg
98-86-2	Acetophenone	780		66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	820		53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	730		79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	810		61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	820		64	42.5	170	ug/Kg
78-59-1	Isophorone	730		66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	860		60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	650		32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	810		45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	890		38	42.5	170	ug/Kg
91-20-3	Naphthalene	850		24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	710		36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	880		35	42.5	170	ug/Kg
105-60-2	Caprolactam	720		64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	800		41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	820		24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	820		32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	390		97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	910		24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	940		33	42.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/22/2024 12:00:00 AM
Project:				Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	SLCS064			SDG No.:	BG052824
Lab Sample ID:	PB161064BS			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
BG061317.D	1	5/22/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161064

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	880		26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	890		33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	840		45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	780		30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	820		20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	830		29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	870		66	82.5	330	ug/Kg
83-32-9	Acenaphthene	840		26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	670		130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	800		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	850		27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	780		35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	760		33	42.5	170	ug/Kg
86-73-7	Fluorene	820		27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	810		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	880		24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	810		38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	910		24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	940		34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	880		26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	880		28	42.5	170	ug/Kg
1912-24-9	Atrazine	810		28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	810		88	82.5	330	ug/Kg
85-01-8	Phenanthrene	860		27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	960		37	42.5	170	ug/Kg
120-12-7	Anthracene	830		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1000		17	42.5	170	ug/Kg
86-74-8	Carbazole	880		34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	850		27	42.5	170	ug/Kg
206-44-0	Fluoranthene	850		19	82.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	5/22/2024 12:00:00 AM
Project:				Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	SLCS064			SDG No.:	BG052824
Lab Sample ID:	PB161064BS			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
BG061317.D	1	5/22/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161064

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	860		18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	860		22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	950		52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	860		23	42.5	170	ug/Kg
218-01-9	Chrysene	870		24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	830		25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	850		48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	860		37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	840		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	760		31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	870		28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	860		26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	830		32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	860		36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.199		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	23.898		20-120		60	SPK: -40
4165-62-2	Phenol-d5	26.143		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.113		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.327		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	25.199		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	26.699		10-135		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.6		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.746		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.81		1-145		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.112		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	26.496		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.4		10-150		63	SPK: -40
81103-79-9	Fluorene-d10	25.692		20-140		64	SPK: -40

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

Client:				Date Collected:	5/22/2024 12:00:00 AM
Project:				Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	SLCS064			SDG No.:	BG052824
Lab Sample ID:	PB161064BS			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
BG061317.D	1	5/22/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161064

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.116		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	26.852		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	26.535		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.019		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	27986	7.882				
1146-65-2	Naphthalene-d8	118801	10.679				
15067-26-2	Acenaphthene-d10	96644	14.516				
1517-22-2	Phenanthrene-d10	221547	17.266				
1719-03-5	Chrysene-d12	229080	21.519				
1520-96-3	Perylene-d12	258214	24.598				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: BG052824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**BH9S8**								
P2528-01	BH9S8	Solid	(DEL) Alkane: Cyclic21.182	*	97.000	J			
P2528-01	BH9S8	Solid	1-Phenoxypropan-2-ol	*	85.000	J			
P2528-01	BH9S8	Solid	Butane, 2-methoxy-2-methyl-	*	1,800.000	J			
P2528-01	BH9S8	Solid	unknown-01	*	210.000	J			
P2528-01	BH9S8	Solid	Total Alkanes	*	97.000		28	180	ug/Kg
			Total Tics :		**2,289.00**				
			Total Concentration:		**2,289.00**				
Client ID :	**BH9S9**								
P2528-02	BH9S9	Solid	1,5,9-Undecatriene, 2,6,10-trimetl	*	82.000	J			
P2528-02	BH9S9	Solid	Butane, 2-methoxy-2-methyl-	*	2,100.000	J			
P2528-02	BH9S9	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	120.000	J			
P2528-02	BH9S9	Solid	Octacosyl trifluoroacetate	*	93.000	J			
P2528-02	BH9S9	Solid	unknown-01	*	110.000	J			
P2528-02	BH9S9	Solid	Total Alkanes	*	0.000		30	200	ug/Kg
			Total Tics :		**2,505.00**				
			Total Concentration:		**2,505.00**				
Client ID :	**BH5Q6**								
P2568-03	BH5Q6	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J			
P2568-03	BH5Q6	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	190.000	J			
P2568-03	BH5Q6	Solid	Total Alkanes	*	0.000		29	190	ug/Kg
			Total Tics :		**1,290.00**				
P2568-03	BH5Q6	Solid	Benzo(a)anthracene		43.000	J	26	190	ug/Kg
P2568-03	BH5Q6	Solid	Benzo(a)pyrene		45.000	J	35	190	ug/Kg
P2568-03	BH5Q6	Solid	Benzo(b)fluoranthene		68.000	J	42	190	ug/Kg
P2568-03	BH5Q6	Solid	Bis(2-ethylhexyl)phthalate		56.000	J	28	190	ug/Kg
P2568-03	BH5Q6	Solid	Chrysene		48.000	J	27	190	ug/Kg
P2568-03	BH5Q6	Solid	Fluoranthene		73.000	J	22	190	ug/Kg
P2568-03	BH5Q6	Solid	Pyrene		70.000	J	20	190	ug/Kg
			Total Svoc :		**403.00**				
			Total Concentration:		**1,693.00**				
Client ID :	**BH5Q7**								
P2568-06	BH5Q7	Solid	Butane, 2-methoxy-2-methyl-	*	1,300.000	J			
P2568-06	BH5Q7	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	270.000	J			
P2568-06	BH5Q7	Solid	Hexadecanamide	*	120.000	J			
P2568-06	BH5Q7	Solid	Trihexadecyl borate	*	100.000	J			
P2568-06	BH5Q7	Solid	Total Alkanes	*	0.000		31	200	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: BG052824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
			Total Tics :		**1,790.00**				
P2568-06	BH5Q7	Solid	Benzo(a)anthracene		57.000	J	27	200	ug/Kg
P2568-06	BH5Q7	Solid	Benzo(a)pyrene		59.000	J	36	200	ug/Kg
P2568-06	BH5Q7	Solid	Benzo(b)fluoranthene		74.000	J	44	200	ug/Kg
P2568-06	BH5Q7	Solid	Benzo(g,h,i)perylene		43.000	J	38	200	ug/Kg
P2568-06	BH5Q7	Solid	Bis(2-ethylhexyl)phthalate		72.000	J	29	200	ug/Kg
P2568-06	BH5Q7	Solid	Chrysene		58.000	J	28	200	ug/Kg
P2568-06	BH5Q7	Solid	Fluoranthene		100.000	J	22	200	ug/Kg
P2568-06	BH5Q7	Solid	Pyrene		95.000	J	21	200	ug/Kg
			Total Svoc :		**558.00**				
			Total Concentration:		**2,348.00**				
Client ID :	**BH5R4**								
P2568-08	BH5R4	Solid	4H-Cyclopenta[def]phenanthrene	*	160.000	J			
P2568-08	BH5R4	Solid	7H-Benz[de]anthracen-7-one	*	86.000	J			
P2568-08	BH5R4	Solid	9,10-Anthracenedione	*	130.000	J			
P2568-08	BH5R4	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	96.000	J			
P2568-08	BH5R4	Solid	Benzo[e]pyrene	*	100.000	J			
P2568-08	BH5R4	Solid	Butane, 2-methoxy-2-methyl-	*	12,000.000	J			
P2568-08	BH5R4	Solid	Cyclopenta(def)phenanthrenone	*	120.000	J			
P2568-08	BH5R4	Solid	Hexadecanamide	*	120.000	J			
P2568-08	BH5R4	Solid	Phenanthrene, 1-methyl-	*	98.000	J			
P2568-08	BH5R4	Solid	Phenanthrene, 3,6-dimethyl-	*	99.000	J			
P2568-08	BH5R4	Solid	Phenanthrene, 3-methyl-	*	160.000	J			
P2568-08	BH5R4	Solid	Pyrene, 1-methyl-	*	84.000	J			
P2568-08	BH5R4	Solid	unknown-01	*	130.000	J			
P2568-08	BH5R4	Solid	unknown-02	*	150.000	J			
P2568-08	BH5R4	Solid	unknown-03	*	140.000	J			
P2568-08	BH5R4	Solid	unknown-04	*	430.000	J			
P2568-08	BH5R4	Solid	Total Alkanes	*	0.000		31	200	ug/Kg
			Total Tics :		**14,103.00**				
P2568-08	BH5R4	Solid	Acenaphthene		83.000	J	31	200	ug/Kg
P2568-08	BH5R4	Solid	Anthracene		120.000	J	30	200	ug/Kg
P2568-08	BH5R4	Solid	Benzo(a)anthracene		620.000		27	200	ug/Kg
P2568-08	BH5R4	Solid	Benzo(a)pyrene		710.000		37	200	ug/Kg
P2568-08	BH5R4	Solid	Benzo(b)fluoranthene		930.000		44	200	ug/Kg
P2568-08	BH5R4	Solid	Benzo(g,h,i)perylene		510.000		38	200	ug/Kg
P2568-08	BH5R4	Solid	Benzo(k)fluoranthene		390.000		45	200	ug/Kg
P2568-08	BH5R4	Solid	Bis(2-ethylhexyl)phthalate		340.000		30	200	ug/Kg
P2568-08	BH5R4	Solid	Butylbenzylphthalate		110.000	J	26	200	ug/Kg
P2568-08	BH5R4	Solid	Carbazole		110.000	J	40	390	ug/Kg

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BG052824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P2568-08	BH5R4	Solid	Chrysene		720.000		28	200	ug/Kg
P2568-08	BH5R4	Solid	Dibenzo(a,h)anthracene		150.000	J	31	200	ug/Kg
P2568-08	BH5R4	Solid	Fluoranthene		1,200.000		23	200	ug/Kg
P2568-08	BH5R4	Solid	Fluorene		42.000	J	32	200	ug/Kg
P2568-08	BH5R4	Solid	Indeno(1,2,3-cd)pyrene		430.000		33	200	ug/Kg
P2568-08	BH5R4	Solid	Naphthalene		51.000	J	28	200	ug/Kg
P2568-08	BH5R4	Solid	Phenanthrene		730.000		32	200	ug/Kg
P2568-08	BH5R4	Solid	Pyrene		1,100.000		21	200	ug/Kg
			Total Svoc :		**8,346.00**				
			Total Concentration:		**22,449.00**				
Client ID :	**BH5R5**								
P2568-09	BH5R5	Solid	1-Phenoxypropan-2-ol	*	170.000	J			
P2568-09	BH5R5	Solid	2,6,10-Dodecatrien-1-ol, 3,7,11-tr	*	78.000	J			
P2568-09	BH5R5	Solid	6H-Cyclobuta[jk]phenanthrene	*	120.000	J			
P2568-09	BH5R5	Solid	Benzo[j]fluoranthene	*	300.000	J			
P2568-09	BH5R5	Solid	Butane, 2-methoxy-2-methyl-	*	1,000.000	J			
P2568-09	BH5R5	Solid	Ethanol, 2-phenoxy-	*	95.000	J			
P2568-09	BH5R5	Solid	Isopropyl Alcohol	*	330.000	J			
P2568-09	BH5R5	Solid	Pentanedioic acid, dimethyl ester	*	80.000	J			
P2568-09	BH5R5	Solid	Perylene	*	110.000	J			
P2568-09	BH5R5	Solid	Phenanthrene, 1-methyl-	*	110.000	J			
P2568-09	BH5R5	Solid	Tetradecanamide	*	170.000	J			
P2568-09	BH5R5	Solid	unknown-01	*	120.000	J			
P2568-09	BH5R5	Solid	unknown-02	*	120.000	J			
P2568-09	BH5R5	Solid	unknown-03	*	100.000	J			
P2568-09	BH5R5	Solid	Total Alkanes	*	0.000		30	200	ug/Kg
			Total Tics :		**2,903.00**				
P2568-09	BH5R5	Solid	Acenaphthene		73.000	J	30	200	ug/Kg
P2568-09	BH5R5	Solid	Anthracene		97.000	J	29	200	ug/Kg
P2568-09	BH5R5	Solid	Benzo(a)anthracene		430.000		26	200	ug/Kg
P2568-09	BH5R5	Solid	Benzo(a)pyrene		490.000		36	200	ug/Kg
P2568-09	BH5R5	Solid	Benzo(b)fluoranthene		610.000		42	200	ug/Kg
P2568-09	BH5R5	Solid	Benzo(g,h,i)perylene		340.000		37	200	ug/Kg
P2568-09	BH5R5	Solid	Benzo(k)fluoranthene		240.000		44	200	ug/Kg
P2568-09	BH5R5	Solid	Bis(2-ethylhexyl)phthalate		69.000	J	29	200	ug/Kg
P2568-09	BH5R5	Solid	Carbazole		82.000	J	39	380	ug/Kg
P2568-09	BH5R5	Solid	Chrysene		460.000		28	200	ug/Kg
P2568-09	BH5R5	Solid	Dibenzo(a,h)anthracene		92.000	J	30	200	ug/Kg
P2568-09	BH5R5	Solid	Fluoranthene		770.000		22	200	ug/Kg
P2568-09	BH5R5	Solid	Fluorene		40.000	J	31	200	ug/Kg

CHEMTECH
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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BG052824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P2568-09	BH5R5	Solid	Indeno(1,2,3-cd)pyrene		280.000		32	200	ug/Kg
P2568-09	BH5R5	Solid	Naphthalene		46.000	J	28	200	ug/Kg
P2568-09	BH5R5	Solid	Phenanthrene		510.000		31	200	ug/Kg
P2568-09	BH5R5	Solid	Pyrene		680.000		21	200	ug/Kg
			Total Svoc :		**5,309.00**				
			Total Concentration:		**8,212.00**				
Client ID :	**BH5R7**								
P2568-10	BH5R7	Solid	1-Phenoxypropan-2-ol	*	150.000	J			
P2568-10	BH5R7	Solid	9-Octadecenamide, (Z)-	*	250.000	J			
P2568-10	BH5R7	Solid	Butane, 2-methoxy-2-methyl-	*	1,400.000	J			
P2568-10	BH5R7	Solid	Pentanedioic acid, dimethyl ester	*	84.000	J			
P2568-10	BH5R7	Solid	R-(-)-1,2-propanediol	*	250.000	J			
P2568-10	BH5R7	Solid	Total Alkanes	*	0.000		30	200	ug/Kg
			Total Tics :		**2,134.00**				
			Total Concentration:		**2,134.00**				
Client ID :	**BH5R8**								
P2568-11	BH5R8	Solid	(S)-(+)-1,2-Propanediol	*	220.000	J			
P2568-11	BH5R8	Solid	1-Hexacosanol	*	76.000	J			
P2568-11	BH5R8	Solid	1-Phenoxypropan-2-ol	*	180.000	J			
P2568-11	BH5R8	Solid	Butane, 2-methoxy-2-methyl-	*	1,400.000	J			
P2568-11	BH5R8	Solid	Octadecanamide	*	130.000	J			
P2568-11	BH5R8	Solid	Pentanedioic acid, dimethyl ester	*	92.000	J			
P2568-11	BH5R8	Solid	Squalene	*	85.000	J			
P2568-11	BH5R8	Solid	unknown-01	*	99.000	J			
P2568-11	BH5R8	Solid	Total Alkanes	*	0.000		29	190	ug/Kg
			Total Tics :		**2,282.00**				
			Total Concentration:		**2,282.00**				
Client ID :	**BH633**								
P2568-13	BH633	Solid	11H-Benzo[a]fluoren-11-one	*	100.000	J			
P2568-13	BH633	Solid	9,10-Anthracenedione	*	87.000	J			
P2568-13	BH633	Solid	Benzaldehyde, 3,5-dichloro-2-hyd	*	120.000	J			
P2568-13	BH633	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	88.000	J			
P2568-13	BH633	Solid	Benzo[e]pyrene	*	86.000	J			
P2568-13	BH633	Solid	Butane, 2-methoxy-2-methyl-	*	11,000.000	J			
P2568-13	BH633	Solid	Cyclopenta(def)phenanthrenone	*	92.000	J			
P2568-13	BH633	Solid	Cyclopenta[cd]pyrene	*	160.000	J			
P2568-13	BH633	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	190.000	J			
P2568-13	BH633	Solid	Palmitoleamide	*	110.000	J			
P2568-13	BH633	Solid	Perylene	*	250.000	J			

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Hit Summary Sheet
SW-846

SDG No.: BG052824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P2568-13	BH633	Solid	Phenanthrene, 1-methyl-	*	82.000	J			
P2568-13	BH633	Solid	Phenanthrene, 2,5-dimethyl-	*	100.000	J			
P2568-13	BH633	Solid	unknown-01	*	99.000	J			
P2568-13	BH633	Solid	Total Alkanes	*	0.000		30	200	ug/Kg
			Total Tics :		**12,564.00**				
P2568-13	BH633	Solid	Anthracene		68.000	J	29	200	ug/Kg
P2568-13	BH633	Solid	Benzo(a)anthracene		440.000		27	200	ug/Kg
P2568-13	BH633	Solid	Benzo(a)pyrene		440.000		36	200	ug/Kg
P2568-13	BH633	Solid	Benzo(b)fluoranthene		610.000		43	200	ug/Kg
P2568-13	BH633	Solid	Benzo(g,h,i)perylene		330.000		37	200	ug/Kg
P2568-13	BH633	Solid	Benzo(k)fluoranthene		210.000		44	200	ug/Kg
P2568-13	BH633	Solid	Bis(2-ethylhexyl)phthalate		360.000		29	200	ug/Kg
P2568-13	BH633	Solid	Butylbenzylphthalate		96.000	J	26	200	ug/Kg
P2568-13	BH633	Solid	Carbazole		51.000	J	40	380	ug/Kg
P2568-13	BH633	Solid	Chrysene		510.000		28	200	ug/Kg
P2568-13	BH633	Solid	Di-n-butylphthalate		49.000	J	31	200	ug/Kg
P2568-13	BH633	Solid	Dibenzo(a,h)anthracene		85.000	J	30	200	ug/Kg
P2568-13	BH633	Solid	Fluoranthene		890.000		22	200	ug/Kg
P2568-13	BH633	Solid	Indeno(1,2,3-cd)pyrene		260.000		33	200	ug/Kg
P2568-13	BH633	Solid	Phenanthrene		420.000		31	200	ug/Kg
P2568-13	BH633	Solid	Pyrene		790.000		21	200	ug/Kg
			Total Svoc :		**5,609.00**				
			Total Concentration:		**18,173.00**				
Client ID :	**BH634**								
P2568-14	BH634	Solid	1-Octadecanesulphonyl chloride	*	170.000	J			
P2568-14	BH634	Solid	2-Naphthalenol, 1-[(4-nitrophenyl	*	160.000	J			
P2568-14	BH634	Solid	4H-Cyclopenta[def]phenanthrene	*	100.000	J			
P2568-14	BH634	Solid	Anthracene, 2-methyl-	*	150.000	J			
P2568-14	BH634	Solid	Benzo[e]pyrene	*	140.000	J			
P2568-14	BH634	Solid	Butane, 2-methoxy-2-methyl-	*	11,000.000	J			
P2568-14	BH634	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	190.000	J			
P2568-14	BH634	Solid	Hexadecanamide	*	120.000	J			
P2568-14	BH634	Solid	Total Alkanes	*	0.000		30	200	ug/Kg
			Total Tics :		**12,030.00**				
P2568-14	BH634	Solid	Anthracene		68.000	J	29	200	ug/Kg
P2568-14	BH634	Solid	Benzo(a)anthracene		310.000		27	200	ug/Kg
P2568-14	BH634	Solid	Benzo(a)pyrene		290.000		36	200	ug/Kg
P2568-14	BH634	Solid	Benzo(b)fluoranthene		400.000		43	200	ug/Kg
P2568-14	BH634	Solid	Benzo(g,h,i)perylene		200.000		37	200	ug/Kg
P2568-14	BH634	Solid	Benzo(k)fluoranthene		130.000	J	44	200	ug/Kg

CHEMTECH
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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BG052824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P2568-14	BH634	Solid	Bis(2-ethylhexyl)phthalate		230.000		29	200	ug/Kg
P2568-14	BH634	Solid	Butylbenzylphthalate		80.000	J	26	200	ug/Kg
P2568-14	BH634	Solid	Chrysene		330.000		28	200	ug/Kg
P2568-14	BH634	Solid	Dibenzo(a,h)anthracene		62.000	J	30	200	ug/Kg
P2568-14	BH634	Solid	Fluoranthene		630.000		22	200	ug/Kg
P2568-14	BH634	Solid	Indeno(1,2,3-cd)pyrene		160.000	J	33	200	ug/Kg
P2568-14	BH634	Solid	Phenanthrene		370.000		32	200	ug/Kg
P2568-14	BH634	Solid	Pyrene		530.000		21	200	ug/Kg
			Total Svoc :		**3,790.00**				
			Total Concentration:		**15,820.00**				
Client ID :	**BH635**								
P2568-15	BH635	Solid	(DEL) Alkane: Cyclic21.178	*	110.000	J			
P2568-15	BH635	Solid	9-Octadecenamide, (Z)-	*	160.000	J			
P2568-15	BH635	Solid	Butane, 2-methoxy-2-methyl-	*	1,900.000	J			
P2568-15	BH635	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	330.000	J			
P2568-15	BH635	Solid	unknown-01	*	83.000	J			
P2568-15	BH635	Solid	Total Alkanes	*	110.000		30	200	ug/Kg
			Total Tics :		**2,693.00**				
P2568-15	BH635	Solid	Benzo(a)anthracene		110.000	J	27	200	ug/Kg
P2568-15	BH635	Solid	Benzo(a)pyrene		110.000	J	36	200	ug/Kg
P2568-15	BH635	Solid	Benzo(b)fluoranthene		140.000	J	43	200	ug/Kg
P2568-15	BH635	Solid	Benzo(g,h,i)perylene		82.000	J	38	200	ug/Kg
P2568-15	BH635	Solid	Benzo(k)fluoranthene		56.000	J	45	200	ug/Kg
P2568-15	BH635	Solid	Bis(2-ethylhexyl)phthalate		100.000	J	29	200	ug/Kg
P2568-15	BH635	Solid	Chrysene		120.000	J	28	200	ug/Kg
P2568-15	BH635	Solid	Fluoranthene		200.000		22	200	ug/Kg
P2568-15	BH635	Solid	Indeno(1,2,3-cd)pyrene		66.000	J	33	200	ug/Kg
P2568-15	BH635	Solid	Phenanthrene		85.000	J	32	200	ug/Kg
P2568-15	BH635	Solid	Pyrene		180.000	J	21	200	ug/Kg
			Total Svoc :		**1,249.00**				
			Total Concentration:		**3,942.00**				
Client ID :	**BH636**								
P2568-16	BH636	Solid	1-Phenoxypropan-2-ol	*	120.000	J			
P2568-16	BH636	Solid	9-Octadecenamide, (Z)-	*	95.000	J			
P2568-16	BH636	Solid	Butane, 2-methoxy-2-methyl-	*	1,300.000	J			
P2568-16	BH636	Solid	unknown-01	*	190.000	J			
P2568-16	BH636	Solid	Total Alkanes	*	0.000		30	200	ug/Kg
			Total Tics :		**1,705.00**				
P2568-16	BH636	Solid	Fluoranthene		39.000	J	22	200	ug/Kg
			Total Svoc :		**39.00**				

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Hit Summary Sheet
SW-846

SDG No.: BG052824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
			Total Concentration:		**1,744.00**				
Client ID :	**BH637**								
P2568-17	BH637	Solid	(DEL) Alkane: Straight-Chain25.(	*	130.000	J			
P2568-17	BH637	Solid	1-Phenoxypropan-2-ol	*	210.000	J			
P2568-17	BH637	Solid	11H-Benzo[a]fluoren-11-one	*	98.000	J			
P2568-17	BH637	Solid	13-Docosenamide, (Z)-	*	160.000	J			
P2568-17	BH637	Solid	1H-Indole, 2-methyl-3-phenyl-	*	100.000	J			
P2568-17	BH637	Solid	Anthracene, 9-methyl-	*	100.000	J			
P2568-17	BH637	Solid	Benzo[e]pyrene	*	170.000	J			
P2568-17	BH637	Solid	Butane, 2-methoxy-2-methyl-	*	1,400.000	J			
P2568-17	BH637	Solid	Methadone N-oxide	*	110.000	J			
P2568-17	BH637	Solid	Total Alkanes	*	130.000		32	210	ug/Kg
			Total Tics :		**2,608.00**				
P2568-17	BH637	Solid	Benzo(a)anthracene		260.000		28	210	ug/Kg
P2568-17	BH637	Solid	Benzo(a)pyrene		270.000		38	210	ug/Kg
P2568-17	BH637	Solid	Benzo(b)fluoranthene		390.000		46	210	ug/Kg
P2568-17	BH637	Solid	Benzo(g,h,i)perylene		190.000	J	40	210	ug/Kg
P2568-17	BH637	Solid	Benzo(k)fluoranthene		120.000	J	47	210	ug/Kg
P2568-17	BH637	Solid	Bis(2-ethylhexyl)phthalate		340.000		31	210	ug/Kg
P2568-17	BH637	Solid	Butylbenzylphthalate		110.000	J	27	210	ug/Kg
P2568-17	BH637	Solid	Chrysene		300.000		30	210	ug/Kg
P2568-17	BH637	Solid	Dibenzo(a,h)anthracene		60.000	J	32	210	ug/Kg
P2568-17	BH637	Solid	Fluoranthene		520.000		23	210	ug/Kg
P2568-17	BH637	Solid	Indeno(1,2,3-cd)pyrene		160.000	J	35	210	ug/Kg
P2568-17	BH637	Solid	Phenanthrene		200.000	J	33	210	ug/Kg
P2568-17	BH637	Solid	Pyrene		470.000		22	210	ug/Kg
			Total Svoc :		**3,390.00**				
			Total Concentration:		**5,998.00**				
Client ID :	**BH638**								
P2568-18	BH638	Solid	(S)-(+)-1,2-Propanediol	*	220.000	J			
P2568-18	BH638	Solid	1-Phenoxypropan-2-ol	*	150.000	J			
P2568-18	BH638	Solid	9-Octadecenamide, (Z)-	*	90.000	J			
P2568-18	BH638	Solid	Benzo[e]pyrene	*	140.000	J			
P2568-18	BH638	Solid	Butane, 2-methoxy-2-methyl-	*	13,000.000	J			
P2568-18	BH638	Solid	Methacrylamide	*	84.000	J			
P2568-18	BH638	Solid	unknown-01	*	91.000	J			
P2568-18	BH638	Solid	Total Alkanes	*	0.000		31	200	ug/Kg
			Total Tics :		**13,775.00**				
P2568-18	BH638	Solid	Benzo(a)anthracene		190.000	J	27	200	ug/Kg

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BG052824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P2568-18	BH638	Solid	Benzo(a)pyrene		200.000		37	200	ug/Kg
P2568-18	BH638	Solid	Benzo(b)fluoranthene		290.000		44	200	ug/Kg
P2568-18	BH638	Solid	Benzo(g,h,i)perylene		150.000	J	38	200	ug/Kg
P2568-18	BH638	Solid	Benzo(k)fluoranthene		85.000	J	45	200	ug/Kg
P2568-18	BH638	Solid	Bis(2-ethylhexyl)phthalate		180.000	J	30	200	ug/Kg
P2568-18	BH638	Solid	Butylbenzylphthalate		66.000	J	26	200	ug/Kg
P2568-18	BH638	Solid	Chrysene		230.000		29	200	ug/Kg
P2568-18	BH638	Solid	Dibenzo(a,h)anthracene		42.000	J	31	200	ug/Kg
P2568-18	BH638	Solid	Fluoranthene		370.000		23	200	ug/Kg
P2568-18	BH638	Solid	Indeno(1,2,3-cd)pyrene		120.000	J	33	200	ug/Kg
P2568-18	BH638	Solid	Phenanthrene		150.000	J	32	200	ug/Kg
P2568-18	BH638	Solid	Pyrene		340.000		21	200	ug/Kg
			Total Svoc :		**2,413.00**				
			Total Concentration:		**16,188.00**				
Client ID :	**BH640**								
P2568-19	BH640	Solid	(DEL) Alkane: Straight-Chain21.1	*	110.000	J			
P2568-19	BH640	Solid	1-Propanol, 3-phenoxy-	*	170.000	J			
P2568-19	BH640	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J			
P2568-19	BH640	Solid	Hexadecanamide	*	130.000	J			
P2568-19	BH640	Solid	unknown-01	*	290.000	J			
P2568-19	BH640	Solid	Total Alkanes	*	110.000		30	200	ug/Kg
			Total Tics :		**2,310.00**				
P2568-19	BH640	Solid	Benzo(a)anthracene		110.000	J	27	200	ug/Kg
P2568-19	BH640	Solid	Benzo(a)pyrene		110.000	J	36	200	ug/Kg
P2568-19	BH640	Solid	Benzo(b)fluoranthene		150.000	J	43	200	ug/Kg
P2568-19	BH640	Solid	Benzo(g,h,i)perylene		74.000	J	37	200	ug/Kg
P2568-19	BH640	Solid	Benzo(k)fluoranthene		44.000	J	44	200	ug/Kg
P2568-19	BH640	Solid	Bis(2-ethylhexyl)phthalate		110.000	J	29	200	ug/Kg
P2568-19	BH640	Solid	Chrysene		120.000	J	28	200	ug/Kg
P2568-19	BH640	Solid	Fluoranthene		210.000		22	200	ug/Kg
P2568-19	BH640	Solid	Indeno(1,2,3-cd)pyrene		67.000	J	33	200	ug/Kg
P2568-19	BH640	Solid	Phenanthrene		100.000	J	31	200	ug/Kg
P2568-19	BH640	Solid	Pyrene		190.000	J	21	200	ug/Kg
			Total Svoc :		**1,285.00**				
			Total Concentration:		**3,595.00**				
Client ID :	**BH641**								
P2568-20	BH641	Solid	(DEL) Alkane: Cyclic21.179	*	130.000	J			
P2568-20	BH641	Solid	1-Phenoxypropan-2-ol	*	160.000	J			
P2568-20	BH641	Solid	9-Octadecenamide, (Z)-	*	150.000	J			

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BG052824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P2568-20	BH641	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J			
P2568-20	BH641	Solid	unknown-01	*	180.000	J			
P2568-20	BH641	Solid	Total Alkanes	*	130.000		30	190	ug/Kg
			Total Tics :		**2,250.00**				
P2568-20	BH641	Solid	Benzo(a)anthracene		40.000	J	26	190	ug/Kg
P2568-20	BH641	Solid	Benzo(b)fluoranthene		47.000	J	42	190	ug/Kg
P2568-20	BH641	Solid	Fluoranthene		66.000	J	22	190	ug/Kg
P2568-20	BH641	Solid	Pyrene		62.000	J	21	190	ug/Kg
			Total Svoc :		**215.00**				
			Total Concentration:		**2,465.00**				
Client ID :	**BH642**								
P2568-21	BH642	Solid	(1-Cyclopentenyl)ferrocene	*	96.000	J			
P2568-21	BH642	Solid	(DEL) Alkane: Straight-Chain25.(	*	270.000	J			
P2568-21	BH642	Solid	1-Phenoxypropan-2-ol	*	97.000	J			
P2568-21	BH642	Solid	11H-Benzo[a]fluoren-11-one	*	100.000	J			
P2568-21	BH642	Solid	13-Docosenamide, (Z)-	*	100.000	J			
P2568-21	BH642	Solid	7H-Benz[de]anthracen-7-one	*	110.000	J			
P2568-21	BH642	Solid	9,10-Anthracenedione	*	99.000	J			
P2568-21	BH642	Solid	Benzaldehyde, 3,5-dichloro-2-hyd	*	120.000	J			
P2568-21	BH642	Solid	Benzo[e]pyrene	*	310.000	J			
P2568-21	BH642	Solid	Butane, 2-methoxy-2-methyl-	*	13,000.000	J			
P2568-21	BH642	Solid	Cyclopenta(def)phenanthrenone	*	120.000	J			
P2568-21	BH642	Solid	Diisooctyl adipate	*	120.000	J			
P2568-21	BH642	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	100.000	J			
P2568-21	BH642	Solid	Phenanthrene, 1-methyl-	*	90.000	J			
P2568-21	BH642	Solid	Phenanthrene, 2,3-dimethyl-	*	97.000	J			
P2568-21	BH642	Solid	R-(-)-1,2-propanediol	*	100.000	J			
P2568-21	BH642	Solid	unknown-01	*	120.000	J			
P2568-21	BH642	Solid	Valeramide, N-(2-phenylethyl)-N-	*	170.000	J			
P2568-21	BH642	Solid	Total Alkanes	*	270.000		30	200	ug/Kg
			Total Tics :		**15,489.00**				
P2568-21	BH642	Solid	Anthracene		57.000	J	29	200	ug/Kg
P2568-21	BH642	Solid	Benzo(a)anthracene		490.000		27	200	ug/Kg
P2568-21	BH642	Solid	Benzo(a)pyrene		490.000		36	200	ug/Kg
P2568-21	BH642	Solid	Benzo(b)fluoranthene		660.000		43	200	ug/Kg
P2568-21	BH642	Solid	Benzo(g,h,i)perylene		380.000		37	200	ug/Kg
P2568-21	BH642	Solid	Benzo(k)fluoranthene		280.000		44	200	ug/Kg
P2568-21	BH642	Solid	Bis(2-ethylhexyl)phthalate		220.000		29	200	ug/Kg
P2568-21	BH642	Solid	Butylbenzylphthalate		71.000	J	25	200	ug/Kg
P2568-21	BH642	Solid	Carbazole		53.000	J	39	380	ug/Kg

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BG052824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P2568-21	BH642	Solid	Chrysene		570.000		28	200	ug/Kg
P2568-21	BH642	Solid	Di-n-butylphthalate		56.000	J	31	200	ug/Kg
P2568-21	BH642	Solid	Dibenzo(a,h)anthracene		100.000	J	30	200	ug/Kg
P2568-21	BH642	Solid	Fluoranthene		950.000		22	200	ug/Kg
P2568-21	BH642	Solid	Indeno(1,2,3-cd)pyrene		300.000		32	200	ug/Kg
P2568-21	BH642	Solid	Phenanthrene		380.000		31	200	ug/Kg
P2568-21	BH642	Solid	Pyrene		820.000		21	200	ug/Kg
			Total Svoc :		**5,877.00**				
			Total Concentration:		**21,366.00**				
Client ID :	**BH643**								
P2568-22	BH643	Solid	(DEL) Alkane: Straight-Chain25.(	*	160.000	J			
P2568-22	BH643	Solid	(DEL) Alkane: Straight-Chain4.3(	*	79.000	J			
P2568-22	BH643	Solid	5-Bromo-2-thiophenecarboxaldeh	*	78.000	J			
P2568-22	BH643	Solid	Anthracene, 1-methyl-	*	84.000	J			
P2568-22	BH643	Solid	Benzo[e]pyrene	*	240.000	J			
P2568-22	BH643	Solid	Butane, 2-methoxy-2-methyl-	*	10,000.000	J			
P2568-22	BH643	Solid	Picene	*	140.000	J			
P2568-22	BH643	Solid	unknown-01	*	130.000	J			
P2568-22	BH643	Solid	Total Alkanes	*	240.000		29	190	ug/Kg
			Total Tics :		**11,151.00**				
P2568-22	BH643	Solid	Benzo(a)anthracene		320.000		26	190	ug/Kg
P2568-22	BH643	Solid	Benzo(a)pyrene		310.000		35	190	ug/Kg
P2568-22	BH643	Solid	Benzo(b)fluoranthene		470.000		42	190	ug/Kg
P2568-22	BH643	Solid	Benzo(g,h,i)perylene		240.000		36	190	ug/Kg
P2568-22	BH643	Solid	Benzo(k)fluoranthene		150.000	J	43	190	ug/Kg
P2568-22	BH643	Solid	Bis(2-ethylhexyl)phthalate		110.000	J	28	190	ug/Kg
P2568-22	BH643	Solid	Chrysene		350.000		27	190	ug/Kg
P2568-22	BH643	Solid	Dibenzo(a,h)anthracene		70.000	J	29	190	ug/Kg
P2568-22	BH643	Solid	Fluoranthene		610.000		21	190	ug/Kg
P2568-22	BH643	Solid	Indeno(1,2,3-cd)pyrene		200.000		32	190	ug/Kg
P2568-22	BH643	Solid	Phenanthrene		250.000		31	190	ug/Kg
P2568-22	BH643	Solid	Pyrene		530.000		20	190	ug/Kg
			Total Svoc :		**3,610.00**				
			Total Concentration:		**14,761.00**				

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG052124 SAS No.: BG052124 SDG No.: BG052124

Instrument ID: Calibration Date(s): 5/21/2024

Calibration Time(s): 10:31

LAB FILE ID: RRFAL1 = BG061249.D RRFAL2 = BG061250.D RRFAL3 = BG061251.D
RRFAL4 = BG061252.D RRFAL5 = BG061253.D RRFAL6 = BG061254.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.512	0.417	0.413	0.390	0.413		0.429	11.1
Benzaldehyde		0.937	1.036	0.973	0.795	0.552	0.859	22.5
Pyridine		1.281	1.256	1.293	1.247	1.210	1.258	2.6
Hexachloroethane	0.513	0.597	0.582	0.589	0.576		0.572	5.9
Nitrobenzene	0.428	0.414	0.422	0.427	0.421		0.422	1.3
Isophorone	0.860	0.861	0.881	0.862	0.831		0.859	2.1
2-Nitrophenol	0.191	0.197	0.195	0.198	0.197		0.196	1.4
2,4-Dimethylphenol	0.367	0.377	0.399	0.393	0.401		0.388	3.8
Bis(2-Chloroethoxy)methane	0.411	0.430	0.440	0.441	0.431		0.431	2.8
2,4-Dichlorophenol	0.302	0.317	0.321	0.340	0.337		0.324	4.8
Naphthalene	1.047	1.060	1.047	1.074	1.049		1.056	1.1
4-Chloroaniline		0.476	0.457	0.469	0.455	0.427	0.457	4.1
Hexachlorobutadiene	0.323	0.306	0.320	0.317	0.316		0.316	2.0
Phenol		1.530	1.670	1.712	1.749	1.705	1.673	5.1
Caprolactam		0.133	0.133	0.128	0.118	0.107	0.124	8.9
4-Chloro-3-methylphenol	0.411	0.412	0.426	0.423	0.420		0.418	1.6
1-Methylnaphthalene	0.785	0.792	0.782	0.798	0.770		0.786	1.4
2-Methylnaphthalene	0.760	0.750	0.773	0.778	0.766		0.766	1.4
Hexachlorocyclopentadiene		0.126	0.322	0.291	0.352	0.400	0.298	35.1
2,4,6-Trichlorophenol	0.327	0.353	0.378	0.392	0.410		0.372	8.7
2,4,5-Trichlorophenol	0.338	0.370	0.396	0.411	0.444		0.392	10.3
1,1-Biphenyl	1.293	1.313	1.279	1.295	1.285		1.293	1.0
2-Chloronaphthalene	0.984	1.021	1.005	1.031	1.049		1.018	2.4
2-Nitroaniline	0.407	0.428	0.413	0.421	0.431		0.420	2.4
Bis(2-Chloroethyl)ether		1.197	1.245	1.235	1.259	1.184	1.224	2.6
Dimethylphthalate	1.723	1.666	1.570	1.572	1.552		1.617	4.6
2,6-Dinitrotoluene	0.308	0.316	0.314	0.321	0.326		0.317	2.1
Acenaphthylene	1.804	1.803	1.760	1.777	1.797		1.788	1.1
3-Nitroaniline		0.287	0.282	0.283	0.277	0.246	0.275	6.0
Acenaphthene	1.177	1.171	1.165	1.164	1.189		1.173	0.9
2,4-Dinitrophenol		0.119	0.147	0.175	0.199	0.201	0.168	20.8
4-Nitrophenol		0.188	0.222	0.234	0.250	0.234	0.225	10.3
Dibenzofuran	1.716	1.705	1.637	1.662	1.667		1.677	1.9
2,4-Dinitrotoluene	0.484	0.483	0.487	0.480	0.477		0.482	0.8
Diethylphthalate	1.687	1.661	1.553	1.568	1.513		1.597	4.7
2-Chlorophenol	1.201	1.247	1.328	1.317	1.330		1.285	4.5

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG052124 SAS No.: BG052124 SDG No.: BG052124

Instrument ID: Calibration Date(s): 5/21/2024

Calibration Time(s): 10:31

LAB FILE ID: RRFAL1 = BG061249.D RRFAL2 = BG061250.D RRFAL3 = BG061251.D
RRFAL4 = BG061252.D RRFAL5 = BG061253.D RRFAL6 = BG061254.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.464	1.501	1.438	1.439	1.414		1.451	2.3
4-Chlorophenyl-phenylether	0.870	0.851	0.854	0.844	0.838		0.851	1.4
4-Nitroaniline		0.293	0.300	0.303	0.287	0.250	0.287	7.4
4,6-Dinitro-2-methylphenol		0.114	0.125	0.129	0.133	0.134	0.127	6.2
N-Nitrosodiphenylamine	0.476	0.511	0.508	0.509	0.510		0.503	3.0
1,2,4,5-Tetrachlorobenzene	0.640	0.651	0.633	0.678	0.699		0.660	4.2
4-Bromophenyl-phenylether	0.213	0.243	0.242	0.243	0.245		0.237	5.8
Hexachlorobenzene	0.250	0.260	0.269	0.270	0.268		0.263	3.1
Atrazine		0.224	0.201	0.208	0.188	0.174	0.199	9.5
Pentachlorophenol		0.058	0.078	0.090	0.111	0.122	0.092	27.6
2-Methylphenol		1.228	1.339	1.374	1.345	1.199	1.297	6.0
Phenanthrene	0.966	0.975	0.972	0.983	0.958		0.971	1.0
Pentachlorobenzene	0.277	0.287	0.295	0.297	0.305		0.292	3.6
Anthracene	1.005	1.014	1.003	1.001	0.996		1.004	0.7
1,2,3,4-Tetrachlorobenzene	0.242	0.258	0.268	0.270	0.284		0.264	6.0
Carbazole		0.825	0.840	0.826	0.814	0.778	0.816	2.9
Di-n-butylphthalate	1.012	1.028	1.035	1.029	1.012		1.023	1.0
Fluoranthene	1.198	1.249	1.206	1.297	1.209		1.232	3.4
Pyrene	1.260	1.330	1.246	1.317	1.241		1.279	3.2
Butylbenzylphthalate	0.414	0.429	0.452	0.451	0.451		0.439	3.9
3,3-Dichlorobenzidine		0.454	0.453	0.460	0.416	0.339	0.425	12.0
2,2-oxybis(1-Chloropropane)		3.303	3.459	3.415	3.404	2.947	3.306	6.3
Benzo(a)anthracene	1.334	1.387	1.390	1.413	1.376		1.380	2.1
Chrysene	1.229	1.276	1.275	1.303	1.270		1.271	2.1
Bis(2-ethylhexyl)phthalate	0.634	0.642	0.654	0.663	0.658		0.650	1.8
Di-n-octyl phthalate		1.019	0.995	1.031	1.009	0.949	1.001	3.2
Benzo(b)fluoranthene	1.147	1.221	1.164	1.213	1.209		1.191	2.8
Benzo(k)fluoranthene	1.170	1.191	1.220	1.246	1.219		1.209	2.4
Benzo(a)pyrene	1.069	1.142	1.119	1.161	1.164		1.131	3.5
Indeno(1,2,3-cd)pyrene	1.322	1.376	1.337	1.397	1.405		1.367	2.7
Dibenzo(a,h)anthracene	1.052	1.130	1.116	1.164	1.176		1.128	4.3
Benzo(g,h,i)perylene	1.054	1.085	1.067	1.115	1.116		1.088	2.6
Acetophenone		2.465	2.526	2.464	2.399	2.098	2.390	7.1
2,3,4,6-Tetrachlorophenol	0.287	0.344	0.362	0.385	0.409		0.357	12.9
1,4-Dioxane-d8	0.351	0.330	0.365	0.361	0.380		0.357	5.1
Pyridine-d5		1.354	1.285	1.276	1.236	1.206	1.271	4.4

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.: BG052124 SAS No.: BG052124 SDG No.: BG052124

Instrument ID: Calibration Date(s): 5/21/2024

Calibration Time(s): 10:31

LAB FILE ID: RRFAL1 = BG061249.D RRFAL2 = BG061250.D RRFAL3 = BG061251.D
RRFAL4 = BG061252.D RRFAL5 = BG061253.D RRFAL6 = BG061254.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.505	1.723	1.655	1.677	1.652	1.642	5.0
Bis-(2-Chloroethyl)ether-d8		1.013	1.043	1.063	1.057	0.986	1.032	3.1
2-Chlorophenol-d4	1.140	1.133	1.267	1.259	1.278		1.216	5.9
4-Methylphenol-d8		1.312	1.489	1.452	1.439	1.311	1.400	6.0
Nitrobenzene-d5	0.148	0.153	0.158	0.157	0.155		0.154	2.7
2-Nitrophenol-d4	0.174	0.172	0.181	0.187	0.186		0.180	3.7
2,4-Dichlorophenol-d3	0.315	0.344	0.359	0.369	0.371		0.351	6.5
4-Chloroaniline-d4		0.469	0.463	0.473	0.461	0.433	0.460	3.4
4-Methylphenol		1.351	1.564	1.490	1.465	1.314	1.437	7.1
Dimethylphthalate-d6	1.612	1.613	1.518	1.523	1.491		1.551	3.7
Acenaphthylene-d8	1.608	1.650	1.579	1.594	1.633		1.613	1.8
4-Nitrophenol-d4		0.169	0.187	0.203	0.207	0.194	0.192	7.8
Fluorene-d10	1.347	1.384	1.307	1.320	1.338		1.339	2.2
4,6-Dinitro-2-methylphenol-		0.104	0.121	0.123	0.127	0.129	0.121	8.4
Anthracene-d10	0.890	0.877	0.881	0.885	0.876		0.882	0.7
Pyrene-d10	0.991	1.038	1.018	1.073	1.014		1.027	3.0
Benzo(a)pyrene-d12	0.932	0.956	0.950	0.983	0.988		0.962	2.4
N-Nitroso-di-n-propylamine	1.229	1.368	1.398	1.307	1.269		1.314	5.3

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.: BG052824 SAS No.: BG052824 SDG NO.: BG052824

EPA Sample No.: SSTD020415 Date Analyzed: May 28 2024 12:00AM

Lab File ID: BG061251.D Time Analyzed: 09:49

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	20969	7.889	99753	10.69	91870	14.52
	UPPER LIMIT	41938	8.389	199506	11.185	183740	15.022
	LOWER LIMIT	10484.5	7.389	49876.5	10.185	45935	14.022
	EPA SAMPLE NO.						
01	SBLK084	23679	7.89	103053	10.68	87195	14.52
02	BH5Q6	24259	7.88	105286	10.68	90906	14.52
03	BH5Q7	21821	7.89	97801	10.68	83063	14.52
04	BH5R7	21962	7.89	97134	10.68	83812	14.52
05	BH5R8	20807	7.88	92746	10.68	77322	14.52
06	BH638	21951	7.88	95526	10.68	78253	14.52
07	BH636	21562	7.88	93136	10.67	78964	14.52
08	BH641	21616	7.88	97256	10.68	82761	14.52
09	BH643	22730	7.89	102092	10.68	84788	14.52
10	SBLK064	21981	7.88	95281	10.68	81295	14.52
11	BH5R5	28280	7.88	127594	10.67	102152	14.52
12	BH637	27543	7.88	119102	10.68	95482	14.52
13	BH5R4	26003	7.89	111436	10.68	84848	14.52
14	BH642	23205	7.88	98862	10.68	77402	14.52
15	BH633	27852	7.88	122623	10.68	93203	14.52
16	BH634	23930	7.88	105236	10.68	82624	14.52
17	BH635	25039	7.88	106830	10.68	83291	14.52
18	BH640	25633	7.88	109277	10.67	84869	14.52
19	BH9S8	24654	7.89	107740	10.68	85541	14.51
20	BH9S9	24958	7.89	107856	10.68	85769	14.52
21	SLCS084	28280	7.88	122133	10.68	97609	14.52
22	SLCS064	27986	7.88	118801	10.68	96644	14.52

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG052824 SAS No.: BG052824 SDG NO.: BG052824

EPA Sample No.: SSTD020415 Date Analyzed: May 29 2024 12:00AM

Lab File ID: BG061251.D Time Analyzed: 02:53

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	20969	7.889	99753	10.69	91870	14.52
UPPER LIMIT	41938	8.389	199506	11.185	183740	15.022
LOWER LIMIT	10484.5	7.389	49876.5	10.185	45935	14.022
EPA SAMPLE NO.						

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.: BG052824 SAS No.: BG052824 SDG NO.: BG052824

EPA Sample No.: SSTD020497 Date Analyzed: May 28 2024 12:00AM

Lab File ID: BG061294.D Time Analyzed: 09:49

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	22104	7.881	102406	10.68	87151	14.52
	UPPER LIMIT	44208	8.381	204812	11.178	174302	15.015
	LOWER LIMIT	11052	7.381	51203	10.178	43575.5	14.015
	EPA SAMPLE NO.						
01	SBLK084	23679	7.89	103053	10.68	87195	14.52
02	BH5Q6	24259	7.88	105286	10.68	90906	14.52
03	BH5Q7	21821	7.89	97801	10.68	83063	14.52
04	BH5R7	21962	7.89	97134	10.68	83812	14.52
05	BH5R8	20807	7.88	92746	10.68	77322	14.52
06	BH638	21951	7.88	95526	10.68	78253	14.52
07	BH636	21562	7.88	93136	10.67	78964	14.52
08	BH641	21616	7.88	97256	10.68	82761	14.52
09	BH643	22730	7.89	102092	10.68	84788	14.52

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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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG052824 SAS No.: BG052824 SDG NO.: BG052824

EPA Sample No.: SSTD020498 Date Analyzed: May 28 2024 12:00AM

Lab File ID: BG061304.D Time Analyzed: 18:41

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	26282	7.882	119342	10.68	101773	14.52
	UPPER LIMIT	52564	8.382	238684	11.178	203546	15.021
	LOWER LIMIT	13141	7.382	59671	10.178	50886.5	14.021
	EPA SAMPLE NO.						
01	SBLK064	21981	7.88	95281	10.68	81295	14.52
02	BH5R5	28280	7.88	127594	10.67	102152	14.52
03	BH637	27543	7.88	119102	10.68	95482	14.52
04	BH5R4	26003	7.89	111436	10.68	84848	14.52
05	BH642	23205	7.88	98862	10.68	77402	14.52
06	BH633	27852	7.88	122623	10.68	93203	14.52
07	BH634	23930	7.88	105236	10.68	82624	14.52
08	BH635	25039	7.88	106830	10.68	83291	14.52
09	BH640	25633	7.88	109277	10.67	84869	14.52
10	BH9S8	24654	7.89	107740	10.68	85541	14.51
11	BH9S9	24958	7.89	107856	10.68	85769	14.52
12	SLCS084	28280	7.88	122133	10.68	97609	14.52
13	SLCS064	27986	7.88	118801	10.68	96644	14.52

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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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG052824 SAS No.: BG052824 SDG NO.: BG052824

EPA Sample No.: SSTD020415 Date Analyzed: May 28 2024 12:00AM

Lab File ID: BG061251.D Time Analyzed: 09:49

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	227826	17.272	240370	21.52	270964	24.61
	UPPER LIMIT	455652	17.772	480740	22.02	541928	25.11
	LOWER LIMIT	113913	16.772	120185	21.02	135482	24.11
	EPA SAMPLE NO.						
01	SBLK084	219976	17.27	232102	21.52	265610	24.60
02	BH5Q6	214398	17.27	218035	21.52	248182	24.61
03	BH5Q7	195497	17.27	197123	21.52	224025	24.60
04	BH5R7	201740	17.26	205577	21.52	231671	24.60
05	BH5R8	188332	17.27	192868	21.51	220705	24.60
06	BH638	192134	17.27	190924	21.51	219400	24.60
07	BH636	193165	17.27	201012	21.51	228735	24.60
08	BH641	201474	17.27	203271	21.51	225529	24.60
09	BH643	202170	17.27	202564	21.51	227015	24.60
10	SBLK064	193353	17.27	198150	21.51	228116	24.60
11	BH5R5	238666	17.27	245344	21.51	275865	24.60
12	BH637	225829	17.27	219644	21.52	251875	24.60
13	BH5R4	194689	17.26	201196	21.52	227872	24.60
14	BH642	170218	17.26	174020	21.52	197869	24.60
15	BH633	215508	17.27	218781	21.51	248897	24.60
16	BH634	183839	17.27	190239	21.51	213395	24.60
17	BH635	187524	17.27	196236	21.51	219998	24.60
18	BH640	187101	17.27	194954	21.51	220512	24.60
19	BH9S8	193382	17.26	202333	21.52	228641	24.60
20	BH9S9	190327	17.27	200537	21.51	228620	24.60
21	SLCS084	217637	17.27	223921	21.52	252147	24.60

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG052824 SAS No.: BG052824 SDG NO.: BG052824

EPA Sample No.: SSTD020415 Date Analyzed: May 29 2024 12:00AM

Lab File ID: BG061251.D Time Analyzed: 02:53

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	227826	17.272	240370	21.52	270964	24.61
UPPER LIMIT	455652	17.772	480740	22.02	541928	25.11
LOWER LIMIT	113913	16.772	120185	21.02	135482	24.11
EPA SAMPLE NO.						
22 SLCS064	221547	17.27	229080	21.52	258214	24.60

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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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG052824 SAS No.: BG052824 SDG NO.: BG052824

EPA Sample No.: SSTD020497 Date Analyzed: May 28 2024 12:00AM

Lab File ID: BG061294.D Time Analyzed: 09:49

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	216447	17.264	225787	21.518	249566	24.597
	UPPER LIMIT	432894	17.764	451574	22.018	499132	25.097
	LOWER LIMIT	108223.5	16.764	112893.5	21.018	124783	24.097
	EPA SAMPLE NO.						
01	SBLK084	219976	17.27	232102	21.52	265610	24.60
02	BH5Q6	214398	17.27	218035	21.52	248182	24.61
03	BH5Q7	195497	17.27	197123	21.52	224025	24.60
04	BH5R7	201740	17.26	205577	21.52	231671	24.60
05	BH5R8	188332	17.27	192868	21.51	220705	24.60
06	BH638	192134	17.27	190924	21.51	219400	24.60
07	BH636	193165	17.27	201012	21.51	228735	24.60
08	BH641	201474	17.27	203271	21.51	225529	24.60
09	BH643	202170	17.27	202564	21.51	227015	24.60

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.: BG052824 SAS No.: BG052824 SDG NO.: BG052824

EPA Sample No.: SSTD020498 Date Analyzed: May 28 2024 12:00AM

Lab File ID: BG061304.D Time Analyzed: 18:41

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	238525	17.265	237251	21.518	267631	24.597
	UPPER LIMIT	477050	17.765	474502	22.018	535262	25.097
	LOWER LIMIT	119262.5	16.765	118625.5	21.018	133815.5	24.097
	EPA SAMPLE NO.						
01	SBLK064	193353	17.27	198150	21.51	228116	24.60
02	BH5R5	238666	17.27	245344	21.51	275865	24.60
03	BH637	225829	17.27	219644	21.52	251875	24.60
04	BH5R4	194689	17.26	201196	21.52	227872	24.60
05	BH642	170218	17.26	174020	21.52	197869	24.60
06	BH633	215508	17.27	218781	21.51	248897	24.60
07	BH634	183839	17.27	190239	21.51	213395	24.60
08	BH635	187524	17.27	196236	21.51	219998	24.60
09	BH640	187101	17.27	194954	21.51	220512	24.60
10	BH9S8	193382	17.26	202333	21.52	228641	24.60
11	BH9S9	190327	17.27	200537	21.51	228620	24.60
12	SLCS084	217637	17.27	223921	21.52	252147	24.60
13	SLCS064	221547	17.27	229080	21.52	258214	24.60

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

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

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

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG052824

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB161064BS	1,4-Dioxane	530	350	ug/Kg	66				0	0	
	Benzaldehyde	1300	980	ug/Kg	75				0	0	
	Pyridine	1300	790	ug/Kg	61				0	0	
	Phenol	1300	830	ug/Kg	64				0	0	
	Bis(2-chloroethyl)ether	1300	800	ug/Kg	62				0	0	
	2-Chlorophenol	1300	860	ug/Kg	66				0	0	
	2-Methylphenol	1300	800	ug/Kg	62				0	0	
	2,2-oxybis(1-Chloropropane)	1300	760	ug/Kg	58				0	0	
	Acetophenone	1300	780	ug/Kg	60				0	0	
	4-Methylphenol	1300	820	ug/Kg	63				0	0	
	N-Nitroso-di-n-propylamine	1300	730	ug/Kg	56				0	0	
	Hexachloroethane	1300	810	ug/Kg	62				0	0	
	Nitrobenzene	1300	820	ug/Kg	63				0	0	
	Isophorone	1300	730	ug/Kg	56				0	0	
	2-Nitrophenol	1300	860	ug/Kg	66				0	0	
	2,4-Dimethylphenol	1300	650	ug/Kg	50				0	0	
	Bis(2-chloroethoxy)methane	1300	810	ug/Kg	62				0	0	
	2,4-Dichlorophenol	1300	890	ug/Kg	68				0	0	
	Naphthalene	1300	850	ug/Kg	65				0	0	
	4-Chloroaniline	1300	710	ug/Kg	55				0	0	
	Hexachlorobutadiene	1300	880	ug/Kg	68				0	0	
	Caprolactam	1300	720	ug/Kg	55				0	0	
	4-Chloro-3-methylphenol	1300	800	ug/Kg	62				0	0	
	1-Methylnaphthalene	1300	820	ug/Kg	63				0	0	
	2-Methylnaphthalene	1300	820	ug/Kg	63				0	0	
	Hexachlorocyclopentadiene	1300	390	ug/Kg	30				0	0	
	2,4,6-Trichlorophenol	1300	910	ug/Kg	70				0	0	
	2,4,5-Trichlorophenol	1300	940	ug/Kg	72				0	0	
	1,1'-Biphenyl	1300	880	ug/Kg	68				0	0	
	2-Chloronaphthalene	1300	890	ug/Kg	68				0	0	
	2-Nitroaniline	1300	840	ug/Kg	65				0	0	
	Dimethylphthalate	1300	780	ug/Kg	60				0	0	
	2,6-Dinitrotoluene	1300	820	ug/Kg	63				0	0	
	Acenaphthylene	1300	830	ug/Kg	64				0	0	
	3-Nitroaniline	1300	870	ug/Kg	67				0	0	
	Acenaphthene	1300	840	ug/Kg	65				0	0	
	2,4-Dinitrophenol	1300	670	ug/Kg	52				0	0	
	4-Nitrophenol	1300	800	ug/Kg	62				0	0	
	Dibenzofuran	1300	850	ug/Kg	65				0	0	
	2,4-Dinitrotoluene	1300	780	ug/Kg	60				0	0	
	Diethylphthalate	1300	760	ug/Kg	58				0	0	
	Fluorene	1300	820	ug/Kg	63				0	0	
	4-Chlorophenyl-phenylether	1300	810	ug/Kg	62				0	0	
	4-Nitroaniline	1300	880	ug/Kg	68				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG052824

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB161064BS	4,6-Dinitro-2-methylphenol	1300	810	ug/Kg	62				0	0	
	N-Nitrosodiphenylamine	1300	910	ug/Kg	70				0	0	
	1,2,4,5-Tetrachlorobenzene	1300	940	ug/Kg	72				0	0	
	4-Bromophenyl-phenylether	1300	880	ug/Kg	68				0	0	
	Hexachlorobenzene	1300	880	ug/Kg	68				0	0	
	Atrazine	1300	810	ug/Kg	62				0	0	
	Pentachlorophenol	1300	810	ug/Kg	62				0	0	
	Phenanthrene	1300	860	ug/Kg	66				0	0	
	Pentachlorobenzene	1300	960	ug/Kg	74				0	0	
	Anthracene	1300	830	ug/Kg	64				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	1000	ug/Kg	77				0	0	
	Carbazole	1300	880	ug/Kg	68				0	0	
	Di-n-butylphthalate	1300	850	ug/Kg	65				0	0	
	Fluoranthene	1300	850	ug/Kg	65				0	0	
	Pyrene	1300	860	ug/Kg	66				0	0	
	Butylbenzylphthalate	1300	860	ug/Kg	66				0	0	
	3,3'-Dichlorobenzidine	1300	950	ug/Kg	73				0	0	
	Benzo(a)anthracene	1300	860	ug/Kg	66				0	0	
	Chrysene	1300	870	ug/Kg	67				0	0	
	Bis(2-ethylhexyl)phthalate	1300	830	ug/Kg	64				0	0	
	Di-n-octylphthalate	1300	850	ug/Kg	65				0	0	
	Benzo(b)fluoranthene	1300	860	ug/Kg	66				0	0	
	Benzo(k)fluoranthene	1300	840	ug/Kg	65				0	0	
	Benzo(a)pyrene	1300	760	ug/Kg	58				0	0	
	Indeno(1,2,3-cd)pyrene	1300	870	ug/Kg	67				0	0	
	Dibenzo(a,h)anthracene	1300	860	ug/Kg	66				0	0	
	Benzo(g,h,i)perylene	1300	830	ug/Kg	64				0	0	
	2,3,4,6-Tetrachlorophenol	1300	860	ug/Kg	66				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG052824

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB161084BS	1,4-Dioxane	530	370	ug/Kg	70				0	0	
	Benzaldehyde	1300	1100	ug/Kg	85				0	0	
	Pyridine	1300	920	ug/Kg	71				0	0	
	Phenol	1300	1000	ug/Kg	77				0	0	
	Bis(2-chloroethyl)ether	1300	930	ug/Kg	72				0	0	
	2-Chlorophenol	1300	1000	ug/Kg	77				0	0	
	2-Methylphenol	1300	960	ug/Kg	74				0	0	
	2,2-oxybis(1-Chloropropane)	1300	890	ug/Kg	68				0	0	
	Acetophenone	1300	920	ug/Kg	71				0	0	
	4-Methylphenol	1300	990	ug/Kg	76				0	0	
	N-Nitroso-di-n-propylamine	1300	870	ug/Kg	67				0	0	
	Hexachloroethane	1300	1000	ug/Kg	77				0	0	
	Nitrobenzene	1300	930	ug/Kg	72				0	0	
	Isophorone	1300	860	ug/Kg	66				0	0	
	2-Nitrophenol	1300	1000	ug/Kg	77				0	0	
	2,4-Dimethylphenol	1300	830	ug/Kg	64				0	0	
	Bis(2-chloroethoxy)methane	1300	930	ug/Kg	72				0	0	
	2,4-Dichlorophenol	1300	1100	ug/Kg	85				0	0	
	Naphthalene	1300	1000	ug/Kg	77				0	0	
	4-Chloroaniline	1300	830	ug/Kg	64				0	0	
	Hexachlorobutadiene	1300	1000	ug/Kg	77				0	0	
	Caprolactam	1300	830	ug/Kg	64				0	0	
	4-Chloro-3-methylphenol	1300	910	ug/Kg	70				0	0	
	1-Methylnaphthalene	1300	970	ug/Kg	75				0	0	
	2-Methylnaphthalene	1300	980	ug/Kg	75				0	0	
	Hexachlorocyclopentadiene	1300	510	ug/Kg	39				0	0	
	2,4,6-Trichlorophenol	1300	1100	ug/Kg	85				0	0	
	2,4,5-Trichlorophenol	1300	1100	ug/Kg	85				0	0	
	1,1'-Biphenyl	1300	1000	ug/Kg	77				0	0	
	2-Chloronaphthalene	1300	1000	ug/Kg	77				0	0	
	2-Nitroaniline	1300	920	ug/Kg	71				0	0	
	Dimethylphthalate	1300	900	ug/Kg	69				0	0	
	2,6-Dinitrotoluene	1300	960	ug/Kg	74				0	0	
	Acenaphthylene	1300	960	ug/Kg	74				0	0	
	3-Nitroaniline	1300	1000	ug/Kg	77				0	0	
	Acenaphthene	1300	970	ug/Kg	75				0	0	
	2,4-Dinitrophenol	1300	800	ug/Kg	62				0	0	
	4-Nitrophenol	1300	900	ug/Kg	69				0	0	
	Dibenzofuran	1300	980	ug/Kg	75				0	0	
	2,4-Dinitrotoluene	1300	910	ug/Kg	70				0	0	
	Diethylphthalate	1300	860	ug/Kg	66				0	0	
	Fluorene	1300	930	ug/Kg	72				0	0	
	4-Chlorophenyl-phenylether	1300	950	ug/Kg	73				0	0	
	4-Nitroaniline	1300	1000	ug/Kg	77				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG052824

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB161084BS	4,6-Dinitro-2-methylphenol	1300	950	ug/Kg	73				0	0	
	N-Nitrosodiphenylamine	1300	1100	ug/Kg	85				0	0	
	1,2,4,5-Tetrachlorobenzene	1300	1100	ug/Kg	85				0	0	
	4-Bromophenyl-phenylether	1300	1000	ug/Kg	77				0	0	
	Hexachlorobenzene	1300	1000	ug/Kg	77				0	0	
	Atrazine	1300	990	ug/Kg	76				0	0	
	Pentachlorophenol	1300	940	ug/Kg	72				0	0	
	Phenanthrene	1300	990	ug/Kg	76				0	0	
	Pentachlorobenzene	1300	1100	ug/Kg	85				0	0	
	Anthracene	1300	960	ug/Kg	74				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	1200	ug/Kg	92				0	0	
	Carbazole	1300	1000	ug/Kg	77				0	0	
	Di-n-butylphthalate	1300	980	ug/Kg	75				0	0	
	Fluoranthene	1300	990	ug/Kg	76				0	0	
	Pyrene	1300	1000	ug/Kg	77				0	0	
	Butylbenzylphthalate	1300	1000	ug/Kg	77				0	0	
	3,3'-Dichlorobenzidine	1300	1100	ug/Kg	85				0	0	
	Benzo(a)anthracene	1300	990	ug/Kg	76				0	0	
	Chrysene	1300	1000	ug/Kg	77				0	0	
	Bis(2-ethylhexyl)phthalate	1300	1000	ug/Kg	77				0	0	
	Di-n-octylphthalate	1300	1000	ug/Kg	77				0	0	
	Benzo(b)fluoranthene	1300	1000	ug/Kg	77				0	0	
	Benzo(k)fluoranthene	1300	970	ug/Kg	75				0	0	
	Benzo(a)pyrene	1300	900	ug/Kg	69				0	0	
	Indeno(1,2,3-cd)pyrene	1300	1000	ug/Kg	77				0	0	
	Dibenzo(a,h)anthracene	1300	1000	ug/Kg	77				0	0	
	Benzo(g,h,i)perylene	1300	960	ug/Kg	74				0	0	
	2,3,4,6-Tetrachlorophenol	1300	1000	ug/Kg	77				0	0	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK064

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG052824 SAS No.: BG052824 SDG NO.: BG052824

Lab File ID: BG061305.D Lab Sample ID: PB161064BL

Instrument ID: BNA_G Date Extracted: 05/22/2024

Matrix: (soil/water) Solid Date Analyzed: 05/28/2024

Level: (low/med) LOW Time Analyzed: 18:41

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BH9S8	P2528-01	BG061314.D	05/29/2024
BH9S9	P2528-02	BG061315.D	05/29/2024
PB161064BS	PB161064BS	BG061317.D	05/29/2024

COMMENTS:

CHEMTECH
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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK084

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG052824 SAS No.: BG052824 SDG NO.: BG052824

Lab File ID: BG061295.D Lab Sample ID: PB161084BL

Instrument ID: BNA_G Date Extracted: 05/23/2024

Matrix: (soil/water) Solid Date Analyzed: 05/28/2024

Level: (low/med) LOW Time Analyzed: 09:49

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BH5Q6	P2568-03	BG061296.D	05/28/2024
BH5Q7	P2568-06	BG061297.D	05/28/2024
BH5R7	P2568-10	BG061298.D	05/28/2024
BH5R8	P2568-11	BG061299.D	05/28/2024
BH638	P2568-18	BG061300.D	05/28/2024
BH636	P2568-16	BG061301.D	05/28/2024
BH641	P2568-20	BG061302.D	05/28/2024
BH643	P2568-22	BG061303.D	05/28/2024
BH5R5	P2568-09	BG061306.D	05/28/2024
BH637	P2568-17	BG061307.D	05/28/2024
BH5R4	P2568-08	BG061308.D	05/28/2024
BH642	P2568-21	BG061309.D	05/28/2024
BH633	P2568-13	BG061310.D	05/28/2024
BH634	P2568-14	BG061311.D	05/28/2024
BH635	P2568-15	BG061312.D	05/28/2024
BH640	P2568-19	BG061313.D	05/29/2024
PB161084BS	PB161084BS	BG061316.D	05/29/2024

COMMENTS:

CHEMTECH
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Surrogate Summary

SW-846

SDG No.: BG052824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2528-01	BH9S8	BG061314.D	1,4-Dioxane-d8	8	4.95	62		15	120
			Pyridine-d5	40	21.01	53		20	120
			Phenol-d5	40	25.80	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.67	67		10	150
			2-Chlorophenol-d4	40	28.05	70		15	120
			4-Methylphenol-d8	40	27.32	68		10	140
			Nitrobenzene-d5	40	26.40	66		10	135
			2-Nitrophenol-d4	40	28.48	71		10	120
			2,4-Dichlorophenol-d3	40	27.52	69		10	140
			4-Chloroaniline-d4	40	26.34	66		1	145
			Dimethylphthalate-d6	40	27.10	68		10	145
			Acenaphthylene-d8	40	28.87	72		15	120
			4-Nitrophenol-d4	40	24.54	61		10	150
			Fluorene-d10	40	27.66	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.95	50		10	130
			Anthracene-d10	40	28.72	72		10	150
			Pyrene-d10	40	28.93	72		10	130
			Benzo(a)pyrene-d12	40	29.76	74		10	140
P2528-02	BH9S9	BG061315.D	1,4-Dioxane-d8	8	4.39	55		15	120
			Pyridine-d5	40	13.87	35		20	120
			Phenol-d5	40	25.58	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.07	65		10	150
			2-Chlorophenol-d4	40	28.10	70		15	120
			4-Methylphenol-d8	40	24.94	62		10	140
			Nitrobenzene-d5	40	28.29	71		10	135
			2-Nitrophenol-d4	40	27.42	69		10	120
			2,4-Dichlorophenol-d3	40	27.48	69		10	140
			4-Chloroaniline-d4	40	26.17	65		1	145
			Dimethylphthalate-d6	40	26.51	66		10	145
			Acenaphthylene-d8	40	28.58	71		15	120
			4-Nitrophenol-d4	40	23.89	60		10	150
			Fluorene-d10	40	27.23	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.53	46		10	130
			Anthracene-d10	40	29.59	74		10	150
			Pyrene-d10	40	28.67	72		10	130
			Benzo(a)pyrene-d12	40	29.25	73		10	140
PB161064BL	PB161064BL	BG061305.D	1,4-Dioxane-d8	8	6.34	79		15	120
			Pyridine-d5	40	28.79	72		20	120
			Phenol-d5	40	29.60	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.91	77		10	150
			2-Chlorophenol-d4	40	32.11	80		15	120
			4-Methylphenol-d8	40	30.95	77		10	140
			Nitrobenzene-d5	40	31.65	79		10	135
			2-Nitrophenol-d4	40	32.56	81		10	120
			2,4-Dichlorophenol-d3	40	31.94	80		10	140
			4-Chloroaniline-d4	40	32.20	80		1	145
			Dimethylphthalate-d6	40	31.92	80		10	145
			Acenaphthylene-d8	40	32.88	82		15	120
			4-Nitrophenol-d4	40	28.64	72		10	150

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Surrogate Summary

SW-846

SDG No.: BG052824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB161064BL	PB161064BL	BG061305.D	Fluorene-d10	40	32.65	82		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.25	66		10	130
			Anthracene-d10	40	35.03	88		10	150
			Pyrene-d10	40	34.55	86		10	130
			Benzo(a)pyrene-d12	40	34.37	86		10	140
PB161064BS	PB161064BS	BG061317.D	1,4-Dioxane-d8	8	5.20	65		15	120
			Pyridine-d5	40	23.90	60		20	120
			Phenol-d5	40	26.14	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.11	63		10	150
			2-Chlorophenol-d4	40	27.33	68		15	120
			4-Methylphenol-d8	40	25.20	63		10	140
			Nitrobenzene-d5	40	26.70	67		10	135
			2-Nitrophenol-d4	40	26.60	67		10	120
			2,4-Dichlorophenol-d3	40	27.75	69		10	140
			4-Chloroaniline-d4	40	24.81	62		1	145
			Dimethylphthalate-d6	40	25.11	63		10	145
			Acenaphthylene-d8	40	26.50	66		15	120
			4-Nitrophenol-d4	40	25.40	63		10	150
			Fluorene-d10	40	25.69	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.12	60		10	130
			Anthracene-d10	40	26.85	67		10	150
			Pyrene-d10	40	26.54	66		10	130
			Benzo(a)pyrene-d12	40	27.02	68		10	140

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

SW-846

SDG No.: BG052824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2568-03	BH5Q6	BG061296.D	1,4-Dioxane-d8	8	6.77	85		15	120
			Pyridine-d5	40	30.44	76		20	120
			Phenol-d5	40	33.42	84		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.97	80		10	150
			2-Chlorophenol-d4	40	34.46	86		15	120
			4-Methylphenol-d8	40	34.49	86		10	140
			Nitrobenzene-d5	40	34.69	87		10	135
			2-Nitrophenol-d4	40	35.11	88		10	120
			2,4-Dichlorophenol-d3	40	35.64	89		10	140
			4-Chloroaniline-d4	40	33.91	85		1	145
			Dimethylphthalate-d6	40	35.65	89		10	145
			Acenaphthylene-d8	40	36.72	92		15	120
			4-Nitrophenol-d4	40	35.65	89		10	150
			Fluorene-d10	40	37.31	93		20	140
			4,6-Dinitro-2-methylphenol-d2	40	32.59	81		10	130
			Anthracene-d10	40	38.08	95		10	150
			Pyrene-d10	40	38.47	96		10	130
			Benzo(a)pyrene-d12	40	38.67	97		10	140
P2568-06	BH5Q7	BG061297.D	1,4-Dioxane-d8	8	6.61	83		15	120
			Pyridine-d5	40	30.86	77		20	120
			Phenol-d5	40	33.27	83		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.10	83		10	150
			2-Chlorophenol-d4	40	36.24	91		15	120
			4-Methylphenol-d8	40	34.51	86		10	140
			Nitrobenzene-d5	40	33.61	84		10	135
			2-Nitrophenol-d4	40	35.15	88		10	120
			2,4-Dichlorophenol-d3	40	35.17	88		10	140
			4-Chloroaniline-d4	40	33.85	85		1	145
			Dimethylphthalate-d6	40	35.57	89		10	145
			Acenaphthylene-d8	40	37.52	94		15	120
			4-Nitrophenol-d4	40	35.90	90		10	150
			Fluorene-d10	40	37.29	93		20	140
			4,6-Dinitro-2-methylphenol-d2	40	32.65	82		10	130
			Anthracene-d10	40	38.70	97		10	150
			Pyrene-d10	40	39.72	99		10	130
			Benzo(a)pyrene-d12	40	39.67	99		10	140
P2568-08	BH5R4	BG061308.D	1,4-Dioxane-d8	8	3.18	40		15	120
			Pyridine-d5	40	11.92	30		20	120
			Phenol-d5	40	17.65	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.89	45		10	150
			2-Chlorophenol-d4	40	19.39	48		15	120
			4-Methylphenol-d8	40	16.24	41		10	140
			Nitrobenzene-d5	40	18.06	45		10	135
			2-Nitrophenol-d4	40	18.32	46		10	120
			2,4-Dichlorophenol-d3	40	19.00	48		10	140
			4-Chloroaniline-d4	40	9.06	23		1	145
			Dimethylphthalate-d6	40	19.99	50		10	145
			Acenaphthylene-d8	40	20.78	52		15	120
			4-Nitrophenol-d4	40	16.18	40		10	150

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

SW-846

SDG No.: BG052824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2568-08	BH5R4	BG061308.D	Fluorene-d10	40	20.33	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.13	38		10	130
			Anthracene-d10	40	21.42	54		10	150
			Pyrene-d10	40	22.04	55		10	130
			Benzo(a)pyrene-d12	40	21.64	54		10	140
P2568-09	BH5R5	BG061306.D	1,4-Dioxane-d8	8	5.50	69		15	120
			Pyridine-d5	40	25.23	63		20	120
			Phenol-d5	40	31.12	78		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.75	74		10	150
			2-Chlorophenol-d4	40	32.19	80		15	120
			4-Methylphenol-d8	40	33.07	83		10	140
			Nitrobenzene-d5	40	31.45	79		10	135
			2-Nitrophenol-d4	40	30.77	77		10	120
			2,4-Dichlorophenol-d3	40	32.72	82		10	140
			4-Chloroaniline-d4	40	29.67	74		1	145
			Dimethylphthalate-d6	40	32.48	81		10	145
			Acenaphthylene-d8	40	34.41	86		15	120
			4-Nitrophenol-d4	40	32.38	81		10	150
			Fluorene-d10	40	33.83	85		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.01	70		10	130
			Anthracene-d10	40	35.28	88		10	150
			Pyrene-d10	40	34.83	87		10	130
			Benzo(a)pyrene-d12	40	35.92	90		10	140
P2568-10	BH5R7	BG061298.D	1,4-Dioxane-d8	8	5.70	71		15	120
			Pyridine-d5	40	27.07	68		20	120
			Phenol-d5	40	29.74	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.22	76		10	150
			2-Chlorophenol-d4	40	32.08	80		15	120
			4-Methylphenol-d8	40	32.65	82		10	140
			Nitrobenzene-d5	40	32.26	81		10	135
			2-Nitrophenol-d4	40	32.00	80		10	120
			2,4-Dichlorophenol-d3	40	32.41	81		10	140
			4-Chloroaniline-d4	40	34.03	85		1	145
			Dimethylphthalate-d6	40	34.21	86		10	145
			Acenaphthylene-d8	40	35.23	88		15	120
			4-Nitrophenol-d4	40	33.79	84		10	150
			Fluorene-d10	40	36.00	90		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.99	70		10	130
			Anthracene-d10	40	37.33	93		10	150
			Pyrene-d10	40	36.96	92		10	130
			Benzo(a)pyrene-d12	40	38.53	96		10	140
P2568-11	BH5R8	BG061299.D	1,4-Dioxane-d8	8	7.58	95		15	120
			Pyridine-d5	40	34.15	85		20	120
			Phenol-d5	40	38.64	97		10	130
			Bis(2-Chloroethyl)ether-d8	40	37.93	95		10	150
			2-Chlorophenol-d4	40	40.54	101		15	120
			4-Methylphenol-d8	40	39.47	99		10	140
			Nitrobenzene-d5	40	40.51	101		10	135
			2-Nitrophenol-d4	40	38.96	97		10	120

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Surrogate Summary

SW-846

SDG No.: BG052824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2568-11	BH5R8	BG061299.D	2,4-Dichlorophenol-d3	40	40.21	101		10	140
			4-Chloroaniline-d4	40	39.51	99		1	145
			Dimethylphthalate-d6	40	39.35	98		10	145
			Acenaphthylene-d8	40	41.72	104		15	120
			4-Nitrophenol-d4	40	37.16	93		10	150
			Fluorene-d10	40	41.11	103		20	140
			4,6-Dinitro-2-methylphenol-d2	40	32.90	82		10	130
			Anthracene-d10	40	42.38	106		10	150
			Pyrene-d10	40	42.15	105		10	130
			Benzo(a)pyrene-d12	40	42.49	106		10	140
P2568-13	BH633	BG061310.D	1,4-Dioxane-d8	8	5.12	64		15	120
			Pyridine-d5	40	16.99	42		20	120
			Phenol-d5	40	24.85	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.90	62		10	150
			2-Chlorophenol-d4	40	26.93	67		15	120
			4-Methylphenol-d8	40	23.41	59		10	140
			Nitrobenzene-d5	40	24.23	61		10	135
			2-Nitrophenol-d4	40	24.14	60		10	120
			2,4-Dichlorophenol-d3	40	25.17	63		10	140
			4-Chloroaniline-d4	40	18.27	46		1	145
			Dimethylphthalate-d6	40	25.45	64		10	145
			Acenaphthylene-d8	40	27.05	68		15	120
			4-Nitrophenol-d4	40	22.11	55		10	150
			Fluorene-d10	40	25.98	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.43	51		10	130
			Anthracene-d10	40	27.14	68		10	150
			Pyrene-d10	40	27.36	68		10	130
			Benzo(a)pyrene-d12	40	27.66	69		10	140
P2568-14	BH634	BG061311.D	1,4-Dioxane-d8	8	4.67	58		15	120
			Pyridine-d5	40	17.16	43		20	120
			Phenol-d5	40	23.27	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.96	60		10	150
			2-Chlorophenol-d4	40	25.85	65		15	120
			4-Methylphenol-d8	40	23.19	58		10	140
			Nitrobenzene-d5	40	24.31	61		10	135
			2-Nitrophenol-d4	40	23.23	58		10	120
			2,4-Dichlorophenol-d3	40	23.93	60		10	140
			4-Chloroaniline-d4	40	19.79	49		1	145
			Dimethylphthalate-d6	40	23.81	60		10	145
			Acenaphthylene-d8	40	24.79	62		15	120
			4-Nitrophenol-d4	40	20.87	52		10	150
			Fluorene-d10	40	24.39	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.78	47		10	130
			Anthracene-d10	40	25.34	63		10	150
			Pyrene-d10	40	26.58	66		10	130
			Benzo(a)pyrene-d12	40	27.40	68		10	140
P2568-15	BH635	BG061312.D	1,4-Dioxane-d8	8	7.62	95		15	120
			Pyridine-d5	40	31.37	78		20	120
			Phenol-d5	40	35.42	89		10	130

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Surrogate Summary

SW-846

SDG No.: BG052824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2568-15	BH635	BG061312.D	Bis(2-Chloroethyl)ether-d8	40	34.32	86		10	150
			2-Chlorophenol-d4	40	37.66	94		15	120
			4-Methylphenol-d8	40	37.15	93		10	140
			Nitrobenzene-d5	40	38.14	95		10	135
			2-Nitrophenol-d4	40	38.07	95		10	120
			2,4-Dichlorophenol-d3	40	39.28	98		10	140
			4-Chloroaniline-d4	40	36.70	92		1	145
			Dimethylphthalate-d6	40	40.42	101		10	145
			Acenaphthylene-d8	40	42.37	106		15	120
			4-Nitrophenol-d4	40	40.37	101		10	150
			Fluorene-d10	40	41.49	104		20	140
			4,6-Dinitro-2-methylphenol-d2	40	34.99	87		10	130
			Anthracene-d10	40	43.43	109		10	150
			Pyrene-d10	40	43.38	108		10	130
			Benzo(a)pyrene-d12	40	44.84	112		10	140
P2568-16	BH636	BG061301.D	1,4-Dioxane-d8	8	6.31	79		15	120
			Pyridine-d5	40	30.25	76		20	120
			Phenol-d5	40	32.11	80		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.62	82		10	150
			2-Chlorophenol-d4	40	33.72	84		15	120
			4-Methylphenol-d8	40	34.18	85		10	140
			Nitrobenzene-d5	40	34.62	87		10	135
			2-Nitrophenol-d4	40	34.50	86		10	120
			2,4-Dichlorophenol-d3	40	35.50	89		10	140
			4-Chloroaniline-d4	40	34.81	87		1	145
			Dimethylphthalate-d6	40	35.54	89		10	145
			Acenaphthylene-d8	40	37.48	94		15	120
			4-Nitrophenol-d4	40	33.39	83		10	150
			Fluorene-d10	40	37.53	94		20	140
			4,6-Dinitro-2-methylphenol-d2	40	30.44	76		10	130
			Anthracene-d10	40	37.88	95		10	150
			Pyrene-d10	40	38.29	96		10	130
			Benzo(a)pyrene-d12	40	38.56	96		10	140
P2568-17	BH637	BG061307.D	1,4-Dioxane-d8	8	5.69	71		15	120
			Pyridine-d5	40	25.13	63		20	120
			Phenol-d5	40	32.72	82		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.13	78		10	150
			2-Chlorophenol-d4	40	34.03	85		15	120
			4-Methylphenol-d8	40	32.79	82		10	140
			Nitrobenzene-d5	40	32.61	82		10	135
			2-Nitrophenol-d4	40	33.55	84		10	120
			2,4-Dichlorophenol-d3	40	34.67	87		10	140
			4-Chloroaniline-d4	40	30.92	77		1	145
			Dimethylphthalate-d6	40	35.97	90		10	145
			Acenaphthylene-d8	40	38.42	96		15	120
			4-Nitrophenol-d4	40	36.34	91		10	150
			Fluorene-d10	40	37.00	93		20	140
			4,6-Dinitro-2-methylphenol-d2	40	30.50	76		10	130
			Anthracene-d10	40	38.97	97		10	150

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Surrogate Summary

SW-846

SDG No.: BG052824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2568-17	BH637	BG061307.D	Pyrene-d10	40	40.50	101		10	130
			Benzo(a)pyrene-d12	40	39.02	98		10	140
P2568-18	BH638	BG061300.D	Pyridine-d5	40	16.98	42		20	120
			1,4-Dioxane-d8	8	4.90	61		15	120
			Phenol-d5	40	23.47	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.07	60		10	150
			2-Chlorophenol-d4	40	24.79	62		15	120
			4-Methylphenol-d8	40	20.08	50		10	140
			Nitrobenzene-d5	40	24.65	62		10	135
			2-Nitrophenol-d4	40	24.91	62		10	120
			2,4-Dichlorophenol-d3	40	24.96	62		10	140
			4-Chloroaniline-d4	40	21.04	53		1	145
			Dimethylphthalate-d6	40	25.48	64		10	145
			Acenaphthylene-d8	40	26.59	66		15	120
			4-Nitrophenol-d4	40	22.30	56		10	150
			Fluorene-d10	40	26.50	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.95	52		10	130
			Anthracene-d10	40	26.37	66		10	150
			Pyrene-d10	40	27.62	69		10	130
			Benzo(a)pyrene-d12	40	27.19	68		10	140
P2568-19	BH640	BG061313.D	1,4-Dioxane-d8	8	6.70	84		15	120
			Pyridine-d5	40	30.15	75		20	120
			Phenol-d5	40	33.65	84		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.87	82		10	150
			2-Chlorophenol-d4	40	35.74	89		15	120
			4-Methylphenol-d8	40	35.42	89		10	140
			Nitrobenzene-d5	40	36.43	91		10	135
			2-Nitrophenol-d4	40	36.06	90		10	120
			2,4-Dichlorophenol-d3	40	36.76	92		10	140
			4-Chloroaniline-d4	40	34.21	86		1	145
			Dimethylphthalate-d6	40	37.25	93		10	145
			Acenaphthylene-d8	40	39.89	100		15	120
			4-Nitrophenol-d4	40	36.86	92		10	150
			Fluorene-d10	40	37.92	95		20	140
			4,6-Dinitro-2-methylphenol-d2	40	32.28	81		10	130
			Anthracene-d10	40	39.89	100		10	150
			Pyrene-d10	40	40.09	100		10	130
			Benzo(a)pyrene-d12	40	41.94	105		10	140
P2568-20	BH641	BG061302.D	1,4-Dioxane-d8	8	8.73	109		15	120
			Pyridine-d5	40	33.87	85		20	120
			Phenol-d5	40	37.40	94		10	130
			Bis(2-Chloroethyl)ether-d8	40	37.12	93		10	150
			2-Chlorophenol-d4	40	39.29	98		15	120
			4-Methylphenol-d8	40	39.94	100		10	140
			Nitrobenzene-d5	40	38.13	95		10	135
			2-Nitrophenol-d4	40	38.78	97		10	120
			2,4-Dichlorophenol-d3	40	39.29	98		10	140
			4-Chloroaniline-d4	40	37.82	95		1	145
			Dimethylphthalate-d6	40	39.22	98		10	145

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Surrogate Summary

SW-846

SDG No.: BG052824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2568-20	BH641	BG061302.D	Acenaphthylene-d8	40	40.87	102		15	120
			4-Nitrophenol-d4	40	38.10	95		10	150
			Fluorene-d10	40	40.87	102		20	140
			4,6-Dinitro-2-methylphenol-d2	40	33.76	84		10	130
			Anthracene-d10	40	40.63	102		10	150
			Pyrene-d10	40	42.08	105		10	130
			Benzo(a)pyrene-d12	40	43.60	109		10	140
P2568-21	BH642	BG061309.D	1,4-Dioxane-d8	8	5.62	70		15	120
			Pyridine-d5	40	20.13	50		20	120
			Phenol-d5	40	27.14	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.92	67		10	150
			2-Chlorophenol-d4	40	29.16	73		15	120
			4-Methylphenol-d8	40	25.91	65		10	140
			Nitrobenzene-d5	40	28.89	72		10	135
			2-Nitrophenol-d4	40	29.94	75		10	120
			2,4-Dichlorophenol-d3	40	29.17	73		10	140
			4-Chloroaniline-d4	40	20.45	51		1	145
			Dimethylphthalate-d6	40	28.44	71		10	145
			Acenaphthylene-d8	40	30.03	75		15	120
			4-Nitrophenol-d4	40	24.42	61		10	150
			Fluorene-d10	40	29.32	73		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.88	57		10	130
			Anthracene-d10	40	31.18	78		10	150
			Pyrene-d10	40	32.33	81		10	130
			Benzo(a)pyrene-d12	40	31.92	80		10	140
P2568-22	BH643	BG061303.D	1,4-Dioxane-d8	8	4.98	62		15	120
			Pyridine-d5	40	16.93	42		20	120
			Phenol-d5	40	23.14	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.89	60		10	150
			2-Chlorophenol-d4	40	25.29	63		15	120
			4-Methylphenol-d8	40	22.58	56		10	140
			Nitrobenzene-d5	40	23.49	59		10	135
			2-Nitrophenol-d4	40	22.85	57		10	120
			2,4-Dichlorophenol-d3	40	24.04	60		10	140
			4-Chloroaniline-d4	40	20.86	52		1	145
			Dimethylphthalate-d6	40	23.96	60		10	145
			Acenaphthylene-d8	40	25.06	63		15	120
			4-Nitrophenol-d4	40	20.56	51		10	150
			Fluorene-d10	40	25.19	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.04	48		10	130
			Anthracene-d10	40	24.94	62		10	150
			Pyrene-d10	40	26.94	67		10	130
			Benzo(a)pyrene-d12	40	26.83	67		10	140
PB161084BL	PB161084BL	BG061295.D	Pyridine-d5	40	26.44	66		20	120
			1,4-Dioxane-d8	8	5.70	71		15	120
			Phenol-d5	40	24.48	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.48	64		10	150
			2-Chlorophenol-d4	40	27.11	68		15	120
			4-Methylphenol-d8	40	26.16	65		10	140

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Surrogate Summary

SW-846

SDG No.: BG052824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB161084BL	PB161084BL	BG061295.D	Nitrobenzene-d5	40	26.59	66		10	135
			2-Nitrophenol-d4	40	26.39	66		10	120
			2,4-Dichlorophenol-d3	40	25.28	63		10	140
			4-Chloroaniline-d4	40	26.44	66		1	145
			Dimethylphthalate-d6	40	27.17	68		10	145
			Acenaphthylene-d8	40	27.67	69		15	120
			4-Nitrophenol-d4	40	24.68	62		10	150
			Fluorene-d10	40	27.46	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.22	51		10	130
			Anthracene-d10	40	28.76	72		10	150
			Pyrene-d10	40	27.94	70		10	130
			Benzo(a)pyrene-d12	40	28.58	71		10	140
PB161084BS	PB161084BS	BG061316.D	1,4-Dioxane-d8	8	6.74	84		15	120
			Pyridine-d5	40	27.99	70		20	120
			Phenol-d5	40	30.08	75		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.06	73		10	150
			2-Chlorophenol-d4	40	33.00	82		15	120
			4-Methylphenol-d8	40	31.06	78		10	140
			Nitrobenzene-d5	40	31.72	79		10	135
			2-Nitrophenol-d4	40	31.58	79		10	120
			2,4-Dichlorophenol-d3	40	32.60	82		10	140
			4-Chloroaniline-d4	40	29.16	73		1	145
			Dimethylphthalate-d6	40	28.89	72		10	145
			Acenaphthylene-d8	40	30.90	77		15	120
			4-Nitrophenol-d4	40	29.33	73		10	150
			Fluorene-d10	40	29.34	73		20	140
			4,6-Dinitro-2-methylphenol-d2	40	29.52	74		10	130
			Anthracene-d10	40	31.47	79		10	150
			Pyrene-d10	40	31.12	78		10	130
			Benzo(a)pyrene-d12	40	31.95	80		10	140

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BG052824

Lab Code: CHEM SAS No.: BG052824 SDG NO.: BG052824

Lab File ID: BG061293.D DFTPP Injection Date: 05/28/2024

Instrument ID: BNA_G DFTPP Injection Time: 08:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	44
68	Less than 2.0% of mass 69	0.2 (0.7) 1
69	Mass 69 relative abundance	32.5
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	39.8
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	7.2
275	10.0 - 60.0% of mass 198	31.9
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	13.6
442	Greater than 50% of mass 198	84.6
443	15.0 - 24.0% of mass 442	16.8 (19.8) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020497	SSTDCCC020	BG061294.D	05/28/2024	09:08
SBLK084	PB161084BL	BG061295.D	05/28/2024	09:49
BH5Q6	P2568-03	BG061296.D	05/28/2024	11:50
BH5Q7	P2568-06	BG061297.D	05/28/2024	12:31
BH5R7	P2568-10	BG061298.D	05/28/2024	13:53
BH5R8	P2568-11	BG061299.D	05/28/2024	14:35
BH638	P2568-18	BG061300.D	05/28/2024	15:15
BH636	P2568-16	BG061301.D	05/28/2024	15:57
BH641	P2568-20	BG061302.D	05/28/2024	16:38
BH643	P2568-22	BG061303.D	05/28/2024	17:19
SSTD020498	SSTDCCC020	BG061304.D	05/28/2024	18:00
SBLK064	PB161064BL	BG061305.D	05/28/2024	18:41
BH5R5	P2568-09	BG061306.D	05/28/2024	19:22
BH637	P2568-17	BG061307.D	05/28/2024	20:03
BH5R4	P2568-08	BG061308.D	05/28/2024	20:44
BH642	P2568-21	BG061309.D	05/28/2024	21:26
BH633	P2568-13	BG061310.D	05/28/2024	22:07
BH634	P2568-14	BG061311.D	05/28/2024	22:47

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BG052824

Lab Code: CHEM SAS No.: BG052824 SDG NO.: BG052824

Lab File ID: BG061293.D DFTPP Injection Date: 05/28/2024

Instrument ID: BNA_G DFTPP Injection Time: 08:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	44
68	Less than 2.0% of mass 69	0.2 (0.7) 1
69	Mass 69 relative abundance	32.5
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	39.8
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	7.2
275	10.0 - 60.0% of mass 198	31.9
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	13.6
442	Greater than 50% of mass 198	84.6
443	15.0 - 24.0% of mass 442	16.8 (19.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
BH635	P2568-15	BG061312.D	05/28/2024	23:28
BH640	P2568-19	BG061313.D	05/29/2024	00:09
BH9S8	P2528-01	BG061314.D	05/29/2024	00:50
BH9S9	P2528-02	BG061315.D	05/29/2024	01:31
SLCS084	PB161084BS	BG061316.D	05/29/2024	02:12
SLCS064	PB161064BS	BG061317.D	05/29/2024	02:53
SSTD020499	SSTDCCC020EC	BG061318.D	05/29/2024	04:15