284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG081324 SAS No.: BG081324 SDG No.: BG081324

Instrument ID: BNA_G Calibration Date/Time: 8/13/2024 12 10:05

Lab File ID: BG062378.D Init. Calib. Date(s):

EPA Sample No.: SSTD020453 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.524	0.562	0.010	7.2338	40.0
Benzaldehyde	1.009	1.092	0.010	8.2443	40.0
Pyridine	1.517	1.753	0.010	15.5879	40.0
Phenol	2.014	1.820	0.080	-9.657	20.0
Bis(2-Chloroethyl)ether	1.493	1.354	0.100	-9.3277	20.0
2-Chlorophenol	1.453	1.331	0.200	-8.3806	20.0
2-Methylphenol	1.519	1.410	0.010	-7.1721	20.0
2,2-oxybis(1-Chloropropane)	3.050	2.936	0.010	-3.7459	40.0
Acetophenone	2.532	2.504	0.060	-1.1072	20.0
4-Methylphenol	1.701	1.636	0.010	-3.8174	20.0
N-Nitroso-di-n-propylamine	1.346	1.333	0.050	-0.972	30.0
Hexachloroethane	0.540	0.527	0.100	-2.3245	20.0
Nitrobenzene	0.351	0.341	0.050	-2.789	25.0
Isophorone	0.844	0.760	0.050	-9.8823	25.0
2-Nitrophenol	0.141	0.146	0.050	3.7985	25.0
2,4-Dimethylphenol	0.403	0.335	0.050	-16.8658	25.0
Bis(2-Chloroethoxy)methane	0.476	0.406	0.050	-14.6195	20.0
2,4-Dichlorophenol	0.342	0.336	0.060	-1.7217	20.0
Naphthalene	1.137	1.057	0.200	-7.0605	20.0
4-Chloroaniline	0.478	0.444	0.010	-7.0494	40.0
Hexachlorobutadiene	0.258	0.229	0.040	-11.2766	30.0
Caprolactam	0.119	0.128	0.010	6.8634	40.0
4-Chloro-3-methylphenol	0.383	0.389	0.040	1.5827	25.0
1-Methylnaphthalene	0.811	0.786	0.100	-3.1195	20.0
2-Methylnaphthalene	0.783	0.756	0.100	-3.5024	20.0
Hexachlorocyclopentadiene	0.254	0.271	0.010	6.7207	40.0
2,4,6-Trichlorophenol	0.379	0.357	0.090	-5.6899	25.0
2,4,5-Trichlorophenol	0.408	0.399	0.100	-2.1937	25.0
1,1-Biphenyl	1.515	1.325	0.200	-12.5748	20.0
2-Chloronaphthalene	1.177	1.044	0.300	-11.3579	20.0
2-Nitroaniline	0.300	0.306	0.050	1.9427	40.0
Dimethylphthalate	1.548	1.395	0.300	-9.8809	20.0
2,6-Dinitrotoluene	0.211	0.230	0.080	8.8158	30.0
Acenaphthylene	1.864	1.624	0.400	-12.9012	20.0
3-Nitroaniline	0.241	0.249	0.010	3.3133	40.0
Acenaphthene	1.388	1.218	0.200	-12.2726	20.0
2,4-Dinitrophenol	0.084	0.106	0.010	25.6511	40.0
4-Nitrophenol	0.193	0.200	0.010	3.6493	40.0
Dibenzofuran	1.917	1.761	0.300	-8.1371	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG081324 SAS No.: BG081324 SDG No.: BG081324

Instrument ID: BNA_G Calibration Date/Time: 8/13/2024 12 10:05

Lab File ID: BG062378.D Init. Calib. Date(s):

EPA Sample No.: SSTD020453 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.290	0.356	0.070	22.9547	30.0
Diethylphthalate	1.563	1.412	0.300	-9.6947	20.0
Fluorene	1.499	1.400	0.200	-6.622	20.0
4-Chlorophenyl-phenylether	0.773	0.718	0.100	-7.0624	20.0
4-Nitroaniline	0.232	0.265	0.010	14.2201	40.0
4,6-Dinitro-2-methylphenol	0.068	0.086	0.010	25.8762	40.0
N-Nitrosodiphenylamine	0.599	0.533	0.050	-11.0149	20.0
1,2,4,5-Tetrachlorobenzene	0.653	0.571	0.100	-12.5579	20.0
4-Bromophenyl-phenylether	0.228	0.211	0.070	-7.2105	20.0
Hexachlorobenzene	0.265	0.241	0.050	-9.0963	25.0
Atrazine	0.230	0.217	0.010	-5.4122	25.0
Pentachlorophenol	0.140	0.139	0.010	-0.4543	40.0
Phenanthrene	1.126	1.003	0.200	-10.9423	20.0
Pentachlorobenzene	0.313	0.274	0.050	-12.7153	20.0
Anthracene	1.155	1.023	0.200	-11.4938	20.0
1,2,3,4-Tetrachlorobenzene	0.300	0.251	0.050	-16.3279	20.0
Carbazole	0.947	0.861	0.050	-9.0945	40.0
Di-n-butylphthalate	1.127	1.033	0.500	-8.3598	25.0
Fluoranthene	1.344	1.222	0.400	-9.1179	25.0
Pyrene	1.431	1.311	0.400	-8.4182	25.0
Butylbenzylphthalate	0.494	0.441	0.100	-10.6769	40.0
3,3-Dichlorobenzidine	0.450	0.432	0.010	-4.0814	40.0
Benzo(a)anthracene	1.465	1.308	0.300	-10.6868	30.0
Chrysene	1.383	1.242	0.200	-10.1842	30.0
Bis(2-ethylhexyl)phthalate	0.762	0.669	0.200	-12.2364	40.0
Di-n-octyl phthalate	1.139	1.013	0.010	-11.1097	40.0
Benzo(b)fluoranthene	1.217	1.080	0.200	-11.2526	25.0
Benzo(k)fluoranthene	1.238	1.078	0.200	-12.9427	25.0
Benzo(a)pyrene	1.151	1.009	0.200	-12.3298	20.0
Indeno(1,2,3-cd)pyrene	1.492	1.333	0.200	-10.6571	25.0
Dibenzo(a,h)anthracene	1.218	1.081	0.200	-11.2716	30.0
Benzo(g,h,i)perylene	1.133	1.021	0.200	-9.8697	30.0
2,3,4,6-Tetrachlorophenol	0.367	0.382	0.040	3.9058	20.0
1,4-Dioxane-d8	0.464	0.524	0.010	12.9021	25.0
Pyridine-d5	1.459	1.644	0.010	12.6883	40.0
Phenol-d5	1.909	1.746	0.010	-8.5459	25.0
Bis-(2-Chloroethyl)ether-d8	1.175	1.096	0.050	-6.6923	25.0
2-Chlorophenol-d4	1.368	1.272	0.200	-7.0153	20.0
4-Methylphenol-d8	1.590	1.511	0.010	-4.9984	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG081324 SAS No.: BG081324 SDG No.: BG081324

Instrument ID: BNA_G Calibration Date/Time: 8/13/2024 12 10:05

Lab File ID: BG062378.D Init. Calib. Date(s):

EPA Sample No.: SSTD020453 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.123	0.126	0.050	2.0444	20.0
2-Nitrophenol-d4	0.116	0.131	0.050	13.025	30.0
2,4-Dichlorophenol-d3	0.337	0.323	0.060	-4.2245	20.0
4-Chloroaniline-d4	0.489	0.462	0.010	-5.4268	40.0
Dimethylphthalate-d6	1.543	1.363	0.300	-11.6862	20.0
Acenaphthylene-d8	1.750	1.507	0.400	-13.8615	20.0
4-Nitrophenol-d4	0.216	0.225	0.010	4.2039	40.0
Fluorene-d10	1.385	1.268	0.100	-8.4508	20.0
4,6-Dinitro-2-methylphenol-d2	0.059	0.072	0.010	22.1409	40.0
Anthracene-d10	0.965	0.860	0.300	-10.8018	20.0
Pyrene-d10	1.189	1.068	0.300	-10.1462	25.0
Benzo(a)pyrene-d12	1.069	0.959	0.010	-10.318	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.: BG081324 SAS No.: BG081324 SDG No.: BG081324

Instrument ID: BNA_G Calibration Date/Time: 8/13/2024 12 16:54

Lab File ID: BG062388.D Init. Calib. Date(s):

EPA Sample No.: SSTD020454 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.524	0.450	0.010	-13.9705	50.0
Benzaldehyde	1.009	1.087	0.010	7.723	50.0
Pyridine	1.517	1.401	0.010	-7.6156	50.0
Phenol	2.014	1.889	0.080	-6.2028	50.0
Bis(2-Chloroethyl)ether	1.493	1.306	0.100	-12.5118	50.0
2-Chlorophenol	1.453	1.386	0.200	-4.6296	50.0
2-Methylphenol	1.519	1.413	0.010	-6.9927	50.0
2,2-oxybis(1-Chloropropane)	3.050	2.713	0.010	-11.0626	50.0
Acetophenone	2.532	2.238	0.060	-11.6004	50.0
4-Methylphenol	1.701	1.570	0.010	-7.7132	50.0
N-Nitroso-di-n-propylamine	1.346	1.156	0.050	-14.0615	50.0
Hexachloroethane	0.540	0.537	0.100	-0.6281	50.0
Nitrobenzene	0.351	0.368	0.050	4.8057	50.0
Isophorone	0.844	0.723	0.050	-14.2823	50.0
2-Nitrophenol	0.141	0.172	0.050	22.4557	50.0
2,4-Dimethylphenol	0.403	0.350	0.050	-13.0753	50.0
Bis(2-Chloroethoxy)methane	0.476	0.425	0.050	-10.728	50.0
2,4-Dichlorophenol	0.342	0.342	0.060	0.2259	50.0
Naphthalene	1.137	1.037	0.200	-8.7886	50.0
4-Chloroaniline	0.478	0.421	0.010	-11.8648	50.0
Hexachlorobutadiene	0.258	0.241	0.040	-6.7912	50.0
Caprolactam	0.119	0.105	0.010	-11.7207	50.0
4-Chloro-3-methylphenol	0.383	0.376	0.040	-1.8319	50.0
1-Methylnaphthalene	0.811	0.757	0.100	-6.6652	50.0
2-Methylnaphthalene	0.783	0.755	0.100	-3.5393	50.0
Hexachlorocyclopentadiene	0.254	0.246	0.010	-3.097	50.0
2,4,6-Trichlorophenol	0.379	0.402	0.090	6.2008	50.0
2,4,5-Trichlorophenol	0.408	0.435	0.100	6.6268	50.0
1,1-Biphenyl	1.515	1.389	0.200	-8.3217	50.0
2-Chloronaphthalene	1.177	1.092	0.300	-7.2823	50.0
2-Nitroaniline	0.300	0.327	0.050	9.1922	50.0
Dimethylphthalate	1.548	1.338	0.300	-13.5478	50.0
2,6-Dinitrotoluene	0.211	0.247	0.080	16.8607	50.0
Acenaphthylene	1.864	1.645	0.400	-11.7534	50.0
3-Nitroaniline	0.241	0.256	0.010	6.3869	50.0
Acenaphthene	1.388	1.241	0.200	-10.5538	50.0
2,4-Dinitrophenol	0.084	0.130	0.010	54.3275	50.0
4-Nitrophenol	0.193	0.191	0.010	-1.1727	50.0
Dibenzofuran	1.917	1.727	0.300	-9.9146	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG081324 SAS No.: BG081324 SDG No.: BG081324

Instrument ID: BNA_G Calibration Date/Time: 8/13/2024 12 16:54

Lab File ID: BG062388.D Init. Calib. Date(s):

EPA Sample No.: SSTD020454 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.290	0.366	0.070	26.3191	50.0
Diethylphthalate	1.563	1.321	0.300	-15.4878	50.0
Fluorene	1.499	1.338	0.200	-10.7363	50.0
4-Chlorophenyl-phenylether	0.773	0.695	0.100	-10.0419	50.0
4-Nitroaniline	0.232	0.247	0.010	6.4785	50.0
4,6-Dinitro-2-methylphenol	0.068	0.102	0.010	48.827	50.0
N-Nitrosodiphenylamine	0.599	0.540	0.050	-9.9296	50.0
1,2,4,5-Tetrachlorobenzene	0.653	0.621	0.100	-4.9528	50.0
4-Bromophenyl-phenylether	0.228	0.211	0.070	-7.265	50.0
Hexachlorobenzene	0.265	0.244	0.050	-7.9943	50.0
Atrazine	0.230	0.211	0.010	-7.9668	50.0
Pentachlorophenol	0.140	0.158	0.010	13.2872	50.0
Phenanthrene	1.126	1.014	0.200	-9.9233	50.0
Pentachlorobenzene	0.313	0.295	0.050	-5.8374	50.0
Anthracene	1.155	1.043	0.200	-9.6817	50.0
1,2,3,4-Tetrachlorobenzene	0.300	0.297	0.050	-0.818	50.0
Carbazole	0.947	0.864	0.050	-8.8327	50.0
Di-n-butylphthalate	1.127	1.039	0.500	-7.8867	50.0
Fluoranthene	1.344	1.239	0.400	-7.8241	50.0
Pyrene	1.431	1.318	0.400	-7.8952	50.0
Butylbenzylphthalate	0.494	0.491	0.100	-0.6293	50.0
3,3-Dichlorobenzidine	0.450	0.434	0.010	-3.6185	50.0
Benzo(a)anthracene	1.465	1.318	0.300	-10.0469	50.0
Chrysene	1.383	1.223	0.200	-11.5312	50.0
Bis(2-ethylhexyl)phthalate	0.762	0.714	0.200	-6.4006	50.0
Di-n-octyl phthalate	1.139	1.094	0.010	-3.9705	50.0
Benzo(b)fluoranthene	1.217	1.127	0.200	-7.3575	50.0
Benzo(k)fluoranthene	1.238	1.097	0.200	-11.3943	50.0
Benzo(a)pyrene	1.151	1.012	0.200	-12.048	50.0
Indeno(1,2,3-cd)pyrene	1.492	1.327	0.200	-11.0507	50.0
Dibenzo(a,h)anthracene	1.218	1.074	0.200	-11.8707	50.0
Benzo(g,h,i)perylene	1.133	1.018	0.200	-10.1302	50.0
2,3,4,6-Tetrachlorophenol	0.367	0.377	0.040	2.6752	50.0
1,4-Dioxane-d8	0.464	0.456	0.010	-1.6654	50.0
Pyridine-d5	1.459	1.320	0.010	-9.5686	50.0
Phenol-d5	1.909	1.819	0.010	-4.7095	50.0
Bis-(2-Chloroethyl)ether-d8	1.175	1.075	0.050	-8.4785	50.0
2-Chlorophenol-d4	1.368	1.306	0.200	-4.4914	50.0
4-Methylphenol-d8	1.590	1.444	0.010	-9.208	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG081324 SAS No.: BG081324 SDG No.: BG081324

Instrument ID: BNA_G Calibration Date/Time: 8/13/2024 12 16:54

Lab File ID: BG062388.D Init. Calib. Date(s):

EPA Sample No.: SSTD020454 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.123	0.141	0.050	14.26	50.0
2-Nitrophenol-d4	0.116	0.158	0.050	36.2624	50.0
2,4-Dichlorophenol-d3	0.337	0.335	0.060	-0.4358	50.0
4-Chloroaniline-d4	0.489	0.430	0.010	-11.9614	50.0
Dimethylphthalate-d6	1.543	1.307	0.300	-15.2966	50.0
Acenaphthylene-d8	1.750	1.535	0.400	-12.2809	50.0
4-Nitrophenol-d4	0.216	0.225	0.010	4.2431	50.0
Fluorene-d10	1.385	1.211	0.100	-12.5405	50.0
4,6-Dinitro-2-methylphenol-d2	0.059	0.089	0.010	50.574	50.0
Anthracene-d10	0.965	0.868	0.300	-9.9763	50.0
Pyrene-d10	1.189	1.089	0.300	-8.404	50.0
Benzo(a)pyrene-d12	1.069	0.957	0.010	-10.4603	50.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	8/10/2024 12:00:00 AM
Project:				Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	SBLK649			SDG No.:	BG081324
Lab Sample ID:	PB162649BL			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
BG062379.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

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

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Report of Analysis

Client:				Date Collected:	8/10/2024 12:00:00 AM
Project:				Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	SBLK649			SDG No.:	BG081324
Lab Sample ID:	PB162649BL			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
BG062379.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

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

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Report of Analysis

Client:				Date Collected:	8/10/2024 12:00:00 AM
Project:				Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	SBLK649			SDG No.:	BG081324
Lab Sample ID:	PB162649BL			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
BG062379.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

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	6.631		15-120		83	SPK: -8
7291-22-7	Pyridine-d5	29.967		20-120		75	SPK: -40
4165-62-2	Phenol-d5	28.417		10-130		71	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.742		10-150		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.85		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	29.274		10-140		73	SPK: -40
4165-60-0	Nitrobenzene-d5	33.292		10-135		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.155		10-120		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.749		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.521		1-145		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.039		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	28.849		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.478		10-150		84	SPK: -40
81103-79-9	Fluorene-d10	31.329		20-140		78	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/10/2024 12:00:00 AM
Project:				Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	SBLK649			SDG No.:	BG081324
Lab Sample ID:	PB162649BL			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
BG062379.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.782		10-130		94	SPK: -40
1719-06-8	Anthracene-d10	30.235		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	30.753		10-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.638		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	39213	7.955				
1146-65-2	Naphthalene-d8	192188	10.746				
15067-26-2	Acenaphthene-d10	155728	14.57				
1517-22-2	Phenanthrene-d10	382172	17.313				
1719-03-5	Chrysene-d12	371564	21.549				
1520-96-3	Perylene-d12	428513	24.633				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/6/2024 12:00:00 AM
Project:				Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXU0			SDG No.:	BG081324
Lab Sample ID:	P3502-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.4
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
BG062380.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.4	75	ug/Kg
100-52-7	Benzaldehyde	65	U	65	92.8	370	ug/Kg
110-86-1	Pyridine	87	U	87	190	370	ug/Kg
108-95-2	Phenol	34	U	34	92.8	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	92.8	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.8	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	92.8	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	92.8	370	ug/Kg
98-86-2	Acetophenone	74	U	74	92.8	370	ug/Kg
106-44-5	4-Methylphenol	60	U	60	92.8	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	89	U	89	47.8	190	ug/Kg
67-72-1	Hexachloroethane	69	U	69	47.8	190	ug/Kg
98-95-3	Nitrobenzene	72	U	72	47.8	190	ug/Kg
78-59-1	Isophorone	74	U	74	47.8	190	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	47.8	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	47.8	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	47.8	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	47.8	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47.8	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	47.8	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.8	190	ug/Kg
105-60-2	Caprolactam	72	U	72	92.8	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	47.8	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.8	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	47.8	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.8	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.8	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.8	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/6/2024 12:00:00 AM
Project:				Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXU0			SDG No.:	BG081324
Lab Sample ID:	P3502-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.4
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
BG062380.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.8	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.8	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	47.8	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	47.8	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47.8	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	47.8	190	ug/Kg
99-09-2	3-Nitroaniline	74	U	74	92.8	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.8	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	92.8	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.8	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.8	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.8	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.8	190	ug/Kg
86-73-7	Fluorene	30	U	30	47.8	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.8	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	92.8	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	92.8	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.8	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.8	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.8	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47.8	190	ug/Kg
1912-24-9	Atrazine	31	U	31	92.8	370	ug/Kg
87-86-5	Pentachlorophenol	270	J	99	92.8	370	ug/Kg
85-01-8	Phenanthrene	30	U	30	47.8	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	47.8	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.8	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.8	190	ug/Kg
86-74-8	Carbazole	38	U	38	92.8	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.8	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	92.8	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/6/2024 12:00:00 AM
Project:				Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXU0			SDG No.:	BG081324
Lab Sample ID:	P3502-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.4
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
BG062380.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	47.8	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	47.8	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	92.8	370	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	47.8	190	ug/Kg
218-01-9	Chrysene	27	U	27	47.8	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	47.8	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	92.8	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	47.8	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	47.8	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	47.8	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	47.8	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	47.8	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	47.8	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47.8	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.705		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	13.404		20-120		34	SPK: -40
4165-62-2	Phenol-d5	15.701		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.311		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.887		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	11.38		10-140		28	SPK: -40
4165-60-0	Nitrobenzene-d5	17.607		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.525		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.082		10-140		40	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.867		1-145		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.176		10-145		40	SPK: -40
93951-97-4	Acenaphthylene-d8	15.909		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.281		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	16.885		20-140		42	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/6/2024 12:00:00 AM
Project:				Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXU0			SDG No.:	BG081324
Lab Sample ID:	P3502-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.4
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
BG062380.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

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	16.977		10-150		42	SPK: -40
1718-52-1	Pyrene-d10	17.571		10-130		44	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.283		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	54836	7.955				
1146-65-2	Naphthalene-d8	262426	10.751				
15067-26-2	Acenaphthene-d10	201415	14.575				
1517-22-2	Phenanthrene-d10	462063	17.313				
1719-03-5	Chrysene-d12	432235	21.554				
1520-96-3	Perylene-d12	499751	24.644				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	130	J			3.678	
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.479	
000057-10-3	n-Hexadecanoic acid	480	J			18.217	
002027-47-6	9-Octadecenoic acid	380	J			19.369	
000057-11-4	Octadecanoic acid	230	J			19.486	
290311-72-7	3-Phenylpropyl cinnamate, (E)-	81	J			20.52	
001740-19-8	Dehydroabietic acid	150	J			21.19	
	(DEL) Alkane: Straight-Chain21.231	260	J			21.231	
000557-61-9	Octacosanol	310	J			22.376	
	(DEL) Alkane: Straight-Chain23.810	130	J			23.81	
	(DEL) Alkane: Cyclic23.863	95	J			23.863	
	(DEL) Alkane: Straight-Chain25.813	260	J			25.813	
001112-91-0	Triallylmethylsilane	370	J			25.919	
003268-87-9	Octachlorodibenzo-p-dioxin	710	J			27.088	
	(DEL) Alkane: Straight-Chain28.686	200	J			28.686	
000083-47-6	.gamma.-Sitosterol	540	J			29.749	
084924-96-9	.gamma.-Sitostenone	100	J			32.41	

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Report of Analysis

Client:				Date Collected:	8/6/2024 12:00:00 AM
Project:				Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXU0			SDG No.:	BG081324
Lab Sample ID:	P3502-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.4
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
BG062380.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
E966796	Total Alkanes	950				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/7/2024 12:00:00 AM
Project:				Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXV1			SDG No.:	BG081324
Lab Sample ID:	P3502-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062381.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.4	75	ug/Kg
100-52-7	Benzaldehyde	65	U	65	93	370	ug/Kg
110-86-1	Pyridine	87	U	87	190	370	ug/Kg
108-95-2	Phenol	34	U	34	93	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	93	370	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	47.9	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	93	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	93	370	ug/Kg
98-86-2	Acetophenone	74	U	74	93	370	ug/Kg
106-44-5	4-Methylphenol	60	U	60	93	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	89	U	89	47.9	190	ug/Kg
67-72-1	Hexachloroethane	69	U	69	47.9	190	ug/Kg
98-95-3	Nitrobenzene	72	U	72	47.9	190	ug/Kg
78-59-1	Isophorone	74	U	74	47.9	190	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	47.9	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	47.9	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	47.9	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	47.9	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47.9	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	47.9	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.9	190	ug/Kg
105-60-2	Caprolactam	72	U	72	93	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	47.9	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.9	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	47.9	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	93	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.9	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.9	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/7/2024 12:00:00 AM
Project:				Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXV1			SDG No.:	BG081324
Lab Sample ID:	P3502-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062381.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.9	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.9	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	47.9	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	47.9	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	47.9	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	47.9	190	ug/Kg
99-09-2	3-Nitroaniline	74	U	74	93	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.9	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	93	370	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	93	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.9	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.9	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.9	190	ug/Kg
86-73-7	Fluorene	30	U	30	47.9	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	47.9	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	93	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	93	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.9	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.9	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.9	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	47.9	190	ug/Kg
1912-24-9	Atrazine	32	U	32	93	370	ug/Kg
87-86-5	Pentachlorophenol	210	J	99	93	370	ug/Kg
85-01-8	Phenanthrene	30	U	30	47.9	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	47.9	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.9	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.9	190	ug/Kg
86-74-8	Carbazole	38	U	38	93	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.9	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	93	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/7/2024 12:00:00 AM
Project:				Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXV1			SDG No.:	BG081324
Lab Sample ID:	P3502-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062381.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	47.9	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	47.9	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	93	370	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	47.9	190	ug/Kg
218-01-9	Chrysene	27	U	27	47.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	47.9	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	93	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	47.9	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	47.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	47.9	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	47.9	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	47.9	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	47.9	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	47.9	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.565		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	6.619	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	23.374		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.231		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.538		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	18.204		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	28.473		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.417		10-120		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.958		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.391		1-145		21	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.483		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	24.843		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.256		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	25.266		20-140		63	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/7/2024 12:00:00 AM
Project:				Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXV1			SDG No.:	BG081324
Lab Sample ID:	P3502-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062381.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.352		10-130		83	SPK: -40
1719-06-8	Anthracene-d10	24.505		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	26.114		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.019		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	54023	7.953				
1146-65-2	Naphthalene-d8	254484	10.744				
15067-26-2	Acenaphthene-d10	191992	14.568				
1517-22-2	Phenanthrene-d10	419151	17.311				
1719-03-5	Chrysene-d12	388309	21.553				
1520-96-3	Perylene-d12	447038	24.637				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-15-3	(S)-(+)-1,2-Propanediol	150	J			3.677	
000080-56-8	.alpha.-Pinene	130	J			6.649	
001119-40-0	Pentanedioic acid, dimethyl ester	84	J			9.663	
000770-35-4	1-Phenoxypropan-2-ol	180	J			11.478	
018252-44-3	(1R,2S,6S,7S,8S)-8-Isopropyl-1-met	120	J			13.464	
031983-22-9	Naphthalene, 1,2,4a,5,6,8a-hexahyd	91	J			14.65	
000483-76-1	Naphthalene, 1,2,3,5,6,8a-hexahydr	120	J			14.832	
073209-42-4	trans-Calamenene	95	J			14.897	
003856-25-5	Copaene	130	J			16.048	
000090-24-4	Xanthoxylin	190	J			16.183	
000057-10-3	n-Hexadecanoic acid	600	J			18.21	
	(DEL) Alkane: Straight-Chain19.361	83	J			19.361	
	unknown-01	81	J			19.385	
000057-11-4	Octadecanoic acid	370	J			19.479	
006330-67-2	2-Propenoic acid, 3-phenyl-, 1,7,7	280	J			20.09	
	unknown-02	340	J			20.231	
290311-72-7	3-Phenylpropyl cinnamate, (E)-	77	J			20.513	

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Report of Analysis

Client:				Date Collected:	8/7/2024 12:00:00 AM
Project:				Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXV1			SDG No.:	BG081324
Lab Sample ID:	P3502-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062381.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-03	140	J			20.877	
000122-69-0	Cinnamyl cinnamate	4500	J			21.047	
1000282-98-2	Dichloroacetic acid, heptadecyl es	750	J			21.224	
	unknown-04	120	J			21.412	
1000309-26-9	Oxalic acid, hexadecyl propyl este	97	J			21.77	
	(DEL) Alkane: Straight-Chain22.375	1200	J			22.375	
000557-59-5	Tetracosanoic acid	140	J			22.821	
	(DEL) Alkane: Straight-Chain23.808	1100	J			23.808	
015594-90-8	1-Heneicosanol	470	J			23.861	
	(DEL) Alkane: Straight-Chain25.811	1300	J			25.811	
002004-39-9	1-Heptacosanol	580	J			25.917	
003268-87-9	Octachlorodibenzo-p-dioxin	420	J			27.08	
	(DEL) Alkane: Straight-Chain28.678	130	J			28.678	
000083-47-6	.gamma.-Sitosterol	1200	J			29.759	
001058-61-3	Stigmast-4-en-3-one	590	J			32.414	
E966796	Total Alkanes	3800				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/7/2024 12:00:00 AM
Project:				Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXU2			SDG No.:	BG081324
Lab Sample ID:	P3502-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.7
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
BG062382.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

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	95.3	380	ug/Kg
110-86-1	Pyridine	89	U	89	190	380	ug/Kg
108-95-2	Phenol	35	U	35	95.3	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	95.3	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	49.1	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	95.3	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	95.3	380	ug/Kg
98-86-2	Acetophenone	76	U	76	95.3	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	95.3	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	91	U	91	49.1	200	ug/Kg
67-72-1	Hexachloroethane	70	U	70	49.1	200	ug/Kg
98-95-3	Nitrobenzene	74	U	74	49.1	200	ug/Kg
78-59-1	Isophorone	76	U	76	49.1	200	ug/Kg
88-75-5	2-Nitrophenol	69	U	69	49.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	49.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49.1	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49.1	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	49.1	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	49.1	200	ug/Kg
105-60-2	Caprolactam	74	U	74	95.3	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	49.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	49.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	95.3	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	49.1	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/7/2024 12:00:00 AM
Project:				Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXU2			SDG No.:	BG081324
Lab Sample ID:	P3502-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.7
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
BG062382.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	49.1	200	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	49.1	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49.1	200	ug/Kg
208-96-8	Acenaphthylene	33	U	33	49.1	200	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	95.3	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	49.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	95.3	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95.3	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	49.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	49.1	200	ug/Kg
84-66-2	Diethylphthalate	38	U	38	49.1	200	ug/Kg
86-73-7	Fluorene	31	U	31	49.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.1	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	95.3	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	95.3	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	49.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49.1	200	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	49.1	200	ug/Kg
1912-24-9	Atrazine	32	U	32	95.3	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	95.3	380	ug/Kg
85-01-8	Phenanthrene	31	U	31	49.1	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.1	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49.1	200	ug/Kg
86-74-8	Carbazole	39	U	39	95.3	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	49.1	200	ug/Kg
206-44-0	Fluoranthene	22	U	22	95.3	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/7/2024 12:00:00 AM
Project:				Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXU2			SDG No.:	BG081324
Lab Sample ID:	P3502-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.7
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
BG062382.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	49.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	49.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	95.3	380	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	49.1	200	ug/Kg
218-01-9	Chrysene	28	U	28	49.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	49.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	95.3	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	49.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	49.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	49.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	49.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	49.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	49.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.248		15-120		28	SPK: -8
7291-22-7	Pyridine-d5	1.908	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	13.468		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.141		10-150		35	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.361		15-120		36	SPK: -40
190780-66-6	4-Methylphenol-d8	9.152		10-140		23	SPK: -40
4165-60-0	Nitrobenzene-d5	16.285		10-135		41	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.413		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.045		10-140		35	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.787		1-145		14	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.229		10-145		36	SPK: -40
93951-97-4	Acenaphthylene-d8	14.448		15-120		36	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.64		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	14.9		20-140		37	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/7/2024 12:00:00 AM
Project:				Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXU2			SDG No.:	BG081324
Lab Sample ID:	P3502-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.7
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
BG062382.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.588		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	14.562		10-150		36	SPK: -40
1718-52-1	Pyrene-d10	15.458		10-130		39	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.747		10-140		37	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53142	7.954				
1146-65-2	Naphthalene-d8	263217	10.744				
15067-26-2	Acenaphthene-d10	201800	14.568				
1517-22-2	Phenanthrene-d10	453774	17.312				
1719-03-5	Chrysene-d12	415707	21.553				
1520-96-3	Perylene-d12	482862	24.637				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	95	J			3.677	
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.479	
000090-24-4	Xanthoxylin	81	J			16.184	
000057-10-3	n-Hexadecanoic acid	410	J			18.211	
000057-11-4	Octadecanoic acid	330	J			19.485	
1000441-99-9	(3S,6aR,6bR,8aS,12S,14bR)-4,4,6a,6	340	J			21.054	
001740-19-8	Dehydroabietic acid	210	J			21.189	
	(DEL) Alkane: Cyclic21.224	190	J			21.224	
300574-36-1	5-Bromo-4-oxo-4,5,6,7-tetrahydrobe	530	J			21.359	
	(DEL) Alkane: Straight-Chain22.375	310	J			22.375	
	(DEL) Alkane: Straight-Chain23.809	170	J			23.809	
131143-01-6	Bromoacetic acid, pentadecyl ester	170	J			23.862	
007735-42-4	1,16-Hexadecanediol	140	J			25.213	
	(DEL) Alkane: Straight-Chain25.806	210	J			25.806	
	(DEL) Alkane: Straight-Chain25.918	260	J			25.918	
	unknown-02	1200	J			28.661	
000083-47-6	.gamma.-Sitosterol	310	J			29.73	

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Report of Analysis

Client:				Date Collected:	8/7/2024 12:00:00 AM
Project:				Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXU2			SDG No.:	BG081324
Lab Sample ID:	P3502-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.7
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
BG062382.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
E966796	Total Alkanes	1100				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/7/2024 12:00:00 AM
Project:				Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXV8			SDG No.:	BG081324
Lab Sample ID:	P3502-22			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	7.9
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
BG062383.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	7.2	72	ug/Kg
100-52-7	Benzaldehyde	63	U	63	89.6	360	ug/Kg
110-86-1	Pyridine	84	U	84	180	360	ug/Kg
108-95-2	Phenol	33	U	33	89.6	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	31	U	31	89.6	360	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	46.1	180	ug/Kg
95-48-7	2-Methylphenol	34	U	34	89.6	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43	U	43	89.6	360	ug/Kg
98-86-2	Acetophenone	72	U	72	89.6	360	ug/Kg
106-44-5	4-Methylphenol	58	U	58	89.6	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	86	U	86	46.1	180	ug/Kg
67-72-1	Hexachloroethane	66	U	66	46.1	180	ug/Kg
98-95-3	Nitrobenzene	69	U	69	46.1	180	ug/Kg
78-59-1	Isophorone	72	U	72	46.1	180	ug/Kg
88-75-5	2-Nitrophenol	65	U	65	46.1	180	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	46.1	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	46.1	180	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	46.1	180	ug/Kg
91-20-3	Naphthalene	26	U	26	46.1	180	ug/Kg
106-47-8	4-Chloroaniline	39	U	39	46.1	360	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	46.1	180	ug/Kg
105-60-2	Caprolactam	69	U	69	89.6	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	46.1	180	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	46.1	180	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	46.1	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	89.6	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26	U	26	46.1	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	36	U	36	46.1	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/7/2024 12:00:00 AM
Project:				Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXV8			SDG No.:	BG081324
Lab Sample ID:	P3502-22			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	7.9
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
BG062383.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	46.1	180	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	46.1	180	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	46.1	180	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	46.1	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	46.1	180	ug/Kg
208-96-8	Acenaphthylene	31	U	31	46.1	180	ug/Kg
99-09-2	3-Nitroaniline	72	U	72	89.6	360	ug/Kg
83-32-9	Acenaphthene	28	U	28	46.1	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	89.6	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	89.6	360	ug/Kg
132-64-9	Dibenzofuran	29	U	29	46.1	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	38	U	38	46.1	180	ug/Kg
84-66-2	Diethylphthalate	36	U	36	46.1	180	ug/Kg
86-73-7	Fluorene	29	U	29	46.1	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.1	180	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	89.6	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	41	U	41	89.6	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	46.1	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	46.1	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	46.1	180	ug/Kg
118-74-1	Hexachlorobenzene	30	U	30	46.1	180	ug/Kg
1912-24-9	Atrazine	30	U	30	89.6	360	ug/Kg
87-86-5	Pentachlorophenol	96	U	96	89.6	360	ug/Kg
85-01-8	Phenanthrene	29	U	29	46.1	180	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	46.1	180	ug/Kg
120-12-7	Anthracene	27	U	27	46.1	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	46.1	180	ug/Kg
86-74-8	Carbazole	37	U	37	89.6	360	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	46.1	180	ug/Kg
206-44-0	Fluoranthene	21	U	21	89.6	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/7/2024 12:00:00 AM
Project:				Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXV8			SDG No.:	BG081324
Lab Sample ID:	P3502-22			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	7.9
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
BG062383.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	46.1	180	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	46.1	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	89.6	360	ug/Kg
56-55-3	Benzo(a)anthracene	25	U	25	46.1	180	ug/Kg
218-01-9	Chrysene	26	U	26	46.1	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	27	U	27	46.1	180	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	89.6	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	46.1	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	46.1	180	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	46.1	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30	U	30	46.1	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	46.1	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	46.1	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	46.1	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.936		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	3.003	*	20-120		8	SPK: -40
4165-62-2	Phenol-d5	25.86		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.6		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.536		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	24.597		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	29.004		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.327		10-120		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.75		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.39		1-145		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.294		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	24.782		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.379		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	25.198		20-140		63	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/7/2024 12:00:00 AM
Project:				Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXV8			SDG No.:	BG081324
Lab Sample ID:	P3502-22			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	7.9
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
BG062383.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.144		10-130		90	SPK: -40
1719-06-8	Anthracene-d10	25.019		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	26.778		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.647		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57834	7.952				
1146-65-2	Naphthalene-d8	279966	10.748				
15067-26-2	Acenaphthene-d10	210032	14.572				
1517-22-2	Phenanthrene-d10	447397	17.31				
1719-03-5	Chrysene-d12	407641	21.551				
1520-96-3	Perylene-d12	468572	24.635				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	160	J			3.675	
000080-56-8	.alpha.-Pinene	150	J			6.653	
001119-40-0	Pentanedioic acid, dimethyl ester	76	J			9.667	
000770-35-4	1-Phenoxypropan-2-ol	160	J			11.482	
023986-74-5	Germacrene D	78	J			13.468	
000087-44-5	Caryophyllene	180	J			13.908	
030021-74-0	.gamma.-Muurolene	83	J			16.052	
000057-10-3	n-Hexadecanoic acid	520	J			18.214	
000506-21-8	Linoelaidic acid	75	J			19.336	
000057-11-4	Octadecanoic acid	270	J			19.483	
006330-67-2	2-Propenoic acid, 3-phenyl-, 1,7,7	150	J			20.088	
	unknown-02	95	J			20.235	
001235-74-1	Methyl dehydroabietate	76	J			20.67	
000122-69-0	Cinnamyl cinnamate	800	J			21.04	
001740-19-8	Dehydroabietic acid	440	J			21.192	
	(DEL) Alkane: Straight-Chain21.228	580	J			21.228	
1000309-27-0	Oxalic acid, octadecyl propyl este	78	J			21.768	

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Report of Analysis

Client:				Date Collected:	8/7/2024 12:00:00 AM
Project:				Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXV8			SDG No.:	BG081324
Lab Sample ID:	P3502-22			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	7.9
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
BG062383.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
079392-43-1	Octadecyl trifluoroacetate	1200	J			22.373	
000557-59-5	Tetracosanoic acid	200	J			22.82	
	(DEL) Alkane: Straight-Chain23.813	820	J			23.813	
000506-51-4	n-Tetracosanol-1	630	J			23.86	
	(DEL) Alkane: Straight-Chain25.810	1100	J			25.81	
	(DEL) Alkane: Straight-Chain25.921	660	J			25.921	
	(DEL) Alkane: Straight-Chain28.677	370	J			28.677	
000083-47-6	.gamma.-Sitosterol	450	J			29.746	
E966796	Total Alkanes	3500				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/6/2024 12:00:00 AM
Project:				Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXU7			SDG No.:	BG081324
Lab Sample ID:	P3502-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13
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
BG062384.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

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

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Report of Analysis

Client:				Date Collected:	8/6/2024 12:00:00 AM
Project:				Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXU7			SDG No.:	BG081324
Lab Sample ID:	P3502-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13
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
BG062384.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

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:	8/6/2024 12:00:00 AM
Project:				Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXU7			SDG No.:	BG081324
Lab Sample ID:	P3502-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13
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
BG062384.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

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	2.875		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	14.472		20-120		36	SPK: -40
4165-62-2	Phenol-d5	19.386		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.881		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.859		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	17.413		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	21.11		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.296		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.754		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.258		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.679		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	18.136		15-120		45	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.828		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	18.451		20-140		46	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/6/2024 12:00:00 AM
Project:				Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXU7			SDG No.:	BG081324
Lab Sample ID:	P3502-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13
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
BG062384.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.869		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	18.722		10-150		47	SPK: -40
1718-52-1	Pyrene-d10	19.697		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.147		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	54682	7.955				
1146-65-2	Naphthalene-d8	265025	10.746				
15067-26-2	Acenaphthene-d10	198684	14.57				
1517-22-2	Phenanthrene-d10	424890	17.313				
1719-03-5	Chrysene-d12	395751	21.555				
1520-96-3	Perylene-d12	446309	24.645				
TENTATIVE IDENTIFIED COMPOUNDS							
000067-63-0	Isopropyl Alcohol	160	J			3.679	
000770-35-4	1-Phenoxypropan-2-ol	140	J			11.48	
000544-63-8	Tetradecanoic acid	100	J			17.213	
000373-49-9	Palmitoleic acid	160	J			18.153	
000057-10-3	n-Hexadecanoic acid	620	J			18.212	
000057-11-4	Octadecanoic acid	330	J			19.481	
000122-69-0	Cinnamyl cinnamate	260	J			21.044	
001740-19-8	Dehydroabietic acid	290	J			21.19	
	(DEL) Alkane: Straight-Chain21.226	200	J			21.226	
E966796	Total Alkanes	200				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/6/2024 12:00:00 AM
Project:				Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXU8			SDG No.:	BG081324
Lab Sample ID:	P3502-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.4
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062385.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.4	74	ug/Kg
100-52-7	Benzaldehyde	65	U	65	92.1	370	ug/Kg
110-86-1	Pyridine	86	U	86	180	370	ug/Kg
108-95-2	Phenol	33	U	33	92.1	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	92.1	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.4	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	92.1	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	92.1	370	ug/Kg
98-86-2	Acetophenone	74	U	74	92.1	370	ug/Kg
106-44-5	4-Methylphenol	59	U	59	92.1	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	88	U	88	47.4	190	ug/Kg
67-72-1	Hexachloroethane	68	U	68	47.4	190	ug/Kg
98-95-3	Nitrobenzene	71	U	71	47.4	190	ug/Kg
78-59-1	Isophorone	74	U	74	47.4	190	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	47.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	47.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	47.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	47.4	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47.4	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	47.4	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.4	190	ug/Kg
105-60-2	Caprolactam	71	U	71	92.1	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	47.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	47.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.1	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.4	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/6/2024 12:00:00 AM
Project:				Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXU8			SDG No.:	BG081324
Lab Sample ID:	P3502-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.4
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062385.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.4	190	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	47.4	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	47.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47.4	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	47.4	190	ug/Kg
99-09-2	3-Nitroaniline	74	U	74	92.1	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	92.1	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.1	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.4	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.4	190	ug/Kg
86-73-7	Fluorene	30	U	30	47.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.4	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	92.1	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	92.1	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.4	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47.4	190	ug/Kg
1912-24-9	Atrazine	31	U	31	92.1	370	ug/Kg
87-86-5	Pentachlorophenol	200	J	98	92.1	370	ug/Kg
85-01-8	Phenanthrene	30	U	30	47.4	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	47.4	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.4	190	ug/Kg
86-74-8	Carbazole	38	U	38	92.1	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.4	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	92.1	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/6/2024 12:00:00 AM
Project:				Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXU8			SDG No.:	BG081324
Lab Sample ID:	P3502-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.4
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062385.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	47.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	47.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	92.1	370	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	47.4	190	ug/Kg
218-01-9	Chrysene	27	U	27	47.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	47.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	92.1	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	47.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	47.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	47.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	47.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	47.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	47.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.796		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	12.982		20-120		32	SPK: -40
4165-62-2	Phenol-d5	15.512		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.148		10-150		35	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.198		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	13.116		10-140		33	SPK: -40
4165-60-0	Nitrobenzene-d5	17.801		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.619		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.04		10-140		38	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.316		1-145		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.517		10-145		36	SPK: -40
93951-97-4	Acenaphthylene-d8	15.024		15-120		38	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.752		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	14.86		20-140		37	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/6/2024 12:00:00 AM
Project:				Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXU8			SDG No.:	BG081324
Lab Sample ID:	P3502-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.4
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062385.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.354		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	14.957		10-150		37	SPK: -40
1718-52-1	Pyrene-d10	15.564		10-130		39	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.296		10-140		38	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	58887	7.955				
1146-65-2	Naphthalene-d8	280559	10.746				
15067-26-2	Acenaphthene-d10	205779	14.576				
1517-22-2	Phenanthrene-d10	435612	17.313				
1719-03-5	Chrysene-d12	405403	21.554				
1520-96-3	Perylene-d12	455601	24.639				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-15-3	(S)-(+)-1,2-Propanediol	120	J			3.679	
000080-56-8	.alpha.-Pinene	310	J			6.651	
000127-91-3	.beta.-Pinene	96	J			7.403	
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.48	
000087-44-5	Caryophyllene	230	J			13.912	
000057-10-3	n-Hexadecanoic acid	610	J			18.212	
000060-33-3	9,12-Octadecadienoic acid (Z,Z)-	81	J			19.34	
000506-17-2	cis-Vaccenic acid	170	J			19.363	
000057-11-4	Octadecanoic acid	380	J			19.481	
	unknown-01	110	J			20.726	
000122-69-0	Cinnamyl cinnamate	1100	J			21.043	
001740-19-8	Dehydroabietic acid	700	J			21.196	
1010351-87-0	Heptadecyl trifluoroacetate	290	J			21.226	
959085-66-6	Heptadecyl heptafluorobutyrate	430	J			22.377	
	(DEL) Alkane: Straight-Chain23.810	310	J			23.81	
	(DEL) Alkane: Straight-Chain25.813	620	J			25.813	
	unknown-02	450	J			25.925	

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Report of Analysis

Client:				Date Collected:	8/6/2024 12:00:00 AM
Project:				Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXU8			SDG No.:	BG081324
Lab Sample ID:	P3502-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.4
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062385.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
003268-87-9	Octachlorodibenzo-p-dioxin	790	J			27.094	
E966796	Total Alkanes	930				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/7/2024 12:00:00 AM
Project:				Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXU1			SDG No.:	BG081324
Lab Sample ID:	P3502-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11
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
BG062386.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.4	75	ug/Kg
100-52-7	Benzaldehyde	65	U	65	92.4	370	ug/Kg
110-86-1	Pyridine	86	U	86	180	370	ug/Kg
108-95-2	Phenol	34	U	34	92.4	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	92.4	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.6	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	92.4	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	92.4	370	ug/Kg
98-86-2	Acetophenone	74	U	74	92.4	370	ug/Kg
106-44-5	4-Methylphenol	59	U	59	92.4	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	88	U	88	47.6	190	ug/Kg
67-72-1	Hexachloroethane	68	U	68	47.6	190	ug/Kg
98-95-3	Nitrobenzene	72	U	72	47.6	190	ug/Kg
78-59-1	Isophorone	74	U	74	47.6	190	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	47.6	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	47.6	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	47.6	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	47.6	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47.6	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	47.6	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.6	190	ug/Kg
105-60-2	Caprolactam	72	U	72	92.4	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	47.6	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	47.6	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.4	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.6	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/7/2024 12:00:00 AM
Project:				Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXU1			SDG No.:	BG081324
Lab Sample ID:	P3502-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11
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
BG062386.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.6	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.6	190	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	47.6	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	47.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47.6	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	47.6	190	ug/Kg
99-09-2	3-Nitroaniline	74	U	74	92.4	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	92.4	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.4	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.6	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.6	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.6	190	ug/Kg
86-73-7	Fluorene	30	U	30	47.6	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.6	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	92.4	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	92.4	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.6	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47.6	190	ug/Kg
1912-24-9	Atrazine	31	U	31	92.4	370	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	92.4	370	ug/Kg
85-01-8	Phenanthrene	30	U	30	47.6	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	47.6	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.6	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.6	190	ug/Kg
86-74-8	Carbazole	38	U	38	92.4	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.6	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	92.4	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/7/2024 12:00:00 AM
Project:				Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXU1			SDG No.:	BG081324
Lab Sample ID:	P3502-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11
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
BG062386.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	47.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	47.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	92.4	370	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	47.6	190	ug/Kg
218-01-9	Chrysene	27	U	27	47.6	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	47.6	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	92.4	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	47.6	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	47.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	47.6	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	47.6	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	47.6	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	47.6	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47.6	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.527		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	2.047	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	14.21		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.995		10-150		35	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.999		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	10.357		10-140		26	SPK: -40
4165-60-0	Nitrobenzene-d5	18.119		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.355		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.857		10-140		37	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.755		1-145		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.79		10-145		37	SPK: -40
93951-97-4	Acenaphthylene-d8	15.081		15-120		38	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.767		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	15.233		20-140		38	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/7/2024 12:00:00 AM
Project:				Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXU1			SDG No.:	BG081324
Lab Sample ID:	P3502-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11
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
BG062386.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.038		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	15.136		10-150		38	SPK: -40
1718-52-1	Pyrene-d10	16.132		10-130		40	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.493		10-140		39	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	54817	7.953				
1146-65-2	Naphthalene-d8	258935	10.749				
15067-26-2	Acenaphthene-d10	197055	14.573				
1517-22-2	Phenanthrene-d10	421681	17.311				
1719-03-5	Chrysene-d12	396776	21.552				
1520-96-3	Perylene-d12	452151	24.636				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	92	J			3.682	
000080-56-8	.alpha.-Pinene	190	J			6.654	
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.483	
000090-24-4	Xanthoxylin	270	J			16.189	
000057-10-3	n-Hexadecanoic acid	380	J			18.209	
000506-17-2	cis-Vaccenic acid	110	J			19.361	
000057-11-4	Octadecanoic acid	160	J			19.484	
000122-69-0	Cinnamyl cinnamate	820	J			21.041	
001740-19-8	Dehydroabietic acid	400	J			21.194	
074339-53-0	Trichloroacetic acid, pentadecyl e	160	J			21.223	
006385-15-5	Heptafluorobutyric acid, hexadecyl	210	J			22.374	
	(DEL) Alkane: Straight-Chain23.808	79	J			23.808	
	(DEL) Alkane: Straight-Chain25.811	170	J			25.811	
026266-08-0	Tetracosapentaene, 2,6,10,15,19,23	1000	J			28.666	
E966796	Total Alkanes	250				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/7/2024 12:00:00 AM
Project:				Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXW0			SDG No.:	BG081324
Lab Sample ID:	P3502-23			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.4
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062387.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.4	74	ug/Kg
100-52-7	Benzaldehyde	65	U	65	92.1	370	ug/Kg
110-86-1	Pyridine	86	U	86	180	370	ug/Kg
108-95-2	Phenol	33	U	33	92.1	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	92.1	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.4	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	92.1	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	92.1	370	ug/Kg
98-86-2	Acetophenone	74	U	74	92.1	370	ug/Kg
106-44-5	4-Methylphenol	59	U	59	92.1	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	88	U	88	47.4	190	ug/Kg
67-72-1	Hexachloroethane	68	U	68	47.4	190	ug/Kg
98-95-3	Nitrobenzene	71	U	71	47.4	190	ug/Kg
78-59-1	Isophorone	74	U	74	47.4	190	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	47.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	47.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	47.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	47.4	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47.4	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	47.4	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.4	190	ug/Kg
105-60-2	Caprolactam	71	U	71	92.1	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	47.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	47.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.1	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.4	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/7/2024 12:00:00 AM
Project:				Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXW0			SDG No.:	BG081324
Lab Sample ID:	P3502-23			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.4
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062387.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.4	190	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	47.4	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	47.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47.4	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	47.4	190	ug/Kg
99-09-2	3-Nitroaniline	74	U	74	92.1	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	92.1	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.1	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.4	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.4	190	ug/Kg
86-73-7	Fluorene	30	U	30	47.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.4	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	92.1	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	92.1	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.4	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47.4	190	ug/Kg
1912-24-9	Atrazine	31	U	31	92.1	370	ug/Kg
87-86-5	Pentachlorophenol	98	U	98	92.1	370	ug/Kg
85-01-8	Phenanthrene	30	U	30	47.4	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	47.4	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.4	190	ug/Kg
86-74-8	Carbazole	38	U	38	92.1	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.4	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	92.1	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/7/2024 12:00:00 AM
Project:				Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXW0			SDG No.:	BG081324
Lab Sample ID:	P3502-23			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.4
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062387.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	47.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	47.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	92.1	370	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	47.4	190	ug/Kg
218-01-9	Chrysene	27	U	27	47.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	47.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	92.1	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	47.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	47.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	47.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	47.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	47.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	47.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.791		15-120		22	SPK: -8
7291-22-7	Pyridine-d5	2.045	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	11.164		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.719		10-150		27	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.556		15-120		29	SPK: -40
190780-66-6	4-Methylphenol-d8	8.385		10-140		21	SPK: -40
4165-60-0	Nitrobenzene-d5	13.326		10-135		33	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.807		10-120		40	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.517		10-140		29	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.841		1-145		20	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.488		10-145		29	SPK: -40
93951-97-4	Acenaphthylene-d8	11.345		15-120		28	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.042		10-150		28	SPK: -40
81103-79-9	Fluorene-d10	11.868		20-140		30	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/7/2024 12:00:00 AM
Project:				Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXW0			SDG No.:	BG081324
Lab Sample ID:	P3502-23			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.4
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062387.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.825		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	11.694		10-150		29	SPK: -40
1718-52-1	Pyrene-d10	12.603		10-130		32	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.166		10-140		30	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	49345	7.954				
1146-65-2	Naphthalene-d8	237530	10.744				
15067-26-2	Acenaphthene-d10	184109	14.574				
1517-22-2	Phenanthrene-d10	397653	17.312				
1719-03-5	Chrysene-d12	384773	21.553				
1520-96-3	Perylene-d12	432250	24.637				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	81	J			3.677	
000080-56-8	.alpha.-Pinene	110	J			6.649	
000770-35-4	1-Phenoxypropan-2-ol	80	J			11.484	
000057-10-3	n-Hexadecanoic acid	260	J			18.21	
000057-11-4	Octadecanoic acid	160	J			19.479	
000122-69-0	Cinnamyl cinnamate	570	J			21.042	
001740-19-8	Dehydroabietic acid	220	J			21.189	
	(DEL) Alkane: Straight-Chain21.224	130	J			21.224	
	(DEL) Alkane: Straight-Chain22.375	180	J			22.375	
	(DEL) Alkane: Straight-Chain23.809	83	J			23.809	
	(DEL) Alkane: Straight-Chain25.806	180	J			25.806	
026266-08-0	Tetracosapentaene, 2,6,10,15,19,23	560	J			28.655	
E966796	Total Alkanes	570				99	ug/Kg

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Hit Summary Sheet
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SDG No.: BG081324

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID : DCXU0									
P3502-06	DCXU0	Solid	(DEL) Alkane: Cyclic23.863	*	95.000	J			
P3502-06	DCXU0	Solid	(DEL) Alkane: Straight-Chain21.2	*	260.000	J			
P3502-06	DCXU0	Solid	(DEL) Alkane: Straight-Chain23.8	*	130.000	J			
P3502-06	DCXU0	Solid	(DEL) Alkane: Straight-Chain25.8	*	260.000	J			
P3502-06	DCXU0	Solid	(DEL) Alkane: Straight-Chain28.6	*	200.000	J			
P3502-06	DCXU0	Solid	.gamma.-Sitostenone	*	100.000	J			
P3502-06	DCXU0	Solid	.gamma.-Sitosterol	*	540.000	J			
P3502-06	DCXU0	Solid	1-Phenoxypropan-2-ol	*	110.000	J			
P3502-06	DCXU0	Solid	3-Phenylpropyl cinnamate, (E)-	*	81.000	J			
P3502-06	DCXU0	Solid	9-Octadecenoic acid	*	380.000	J			
P3502-06	DCXU0	Solid	Dehydroabietic acid	*	150.000	J			
P3502-06	DCXU0	Solid	n-Hexadecanoic acid	*	480.000	J			
P3502-06	DCXU0	Solid	Octachlorodibenzo-p-dioxin	*	710.000	J			
P3502-06	DCXU0	Solid	Octacosanol	*	310.000	J			
P3502-06	DCXU0	Solid	Octadecanoic acid	*	230.000	J			
P3502-06	DCXU0	Solid	Triallylmethylsilane	*	370.000	J			
P3502-06	DCXU0	Solid	unknown-01	*	130.000	J			
P3502-06	DCXU0	Solid	Total Alkanes	*	950.000		29	190	ug/Kg
			Total Tics :		**5,486.00**				
P3502-06	DCXU0	Solid	Pentachlorophenol		270.000	J	99	370	ug/Kg
			Total Svoc :		**270.00**				
			Total Concentration:		**5,756.00**				
Client ID : DCXU7									
P3502-07	DCXU7	Solid	(DEL) Alkane: Straight-Chain21.2	*	200.000	J			
P3502-07	DCXU7	Solid	1-Phenoxypropan-2-ol	*	140.000	J			
P3502-07	DCXU7	Solid	Cinnamyl cinnamate	*	260.000	J			
P3502-07	DCXU7	Solid	Dehydroabietic acid	*	290.000	J			
P3502-07	DCXU7	Solid	Isopropyl Alcohol	*	160.000	J			
P3502-07	DCXU7	Solid	n-Hexadecanoic acid	*	620.000	J			
P3502-07	DCXU7	Solid	Octadecanoic acid	*	330.000	J			
P3502-07	DCXU7	Solid	Palmitoleic acid	*	160.000	J			
P3502-07	DCXU7	Solid	Tetradecanoic acid	*	100.000	J			
P3502-07	DCXU7	Solid	Total Alkanes	*	200.000		30	200	ug/Kg
			Total Tics :		**2,460.00**				
			Total Concentration:		**2,460.00**				
Client ID : DCXU8									

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Hit Summary Sheet
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SDG No.: BG081324

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3502-08	DCXU8	Solid	(DEL) Alkane: Straight-Chain23.8	*	310.000	J			
P3502-08	DCXU8	Solid	(DEL) Alkane: Straight-Chain25.8	*	620.000	J			
P3502-08	DCXU8	Solid	(S)-(+)-1,2-Propanediol	*	120.000	J			
P3502-08	DCXU8	Solid	.alpha.-Pinene	*	310.000	J			
P3502-08	DCXU8	Solid	.beta.-Pinene	*	96.000	J			
P3502-08	DCXU8	Solid	1-Phenoxypropan-2-ol	*	120.000	J			
P3502-08	DCXU8	Solid	9,12-Octadecadienoic acid (Z,Z)-	*	81.000	J			
P3502-08	DCXU8	Solid	Caryophyllene	*	230.000	J			
P3502-08	DCXU8	Solid	Cinnamyl cinnamate	*	1,100.000	J			
P3502-08	DCXU8	Solid	cis-Vaccenic acid	*	170.000	J			
P3502-08	DCXU8	Solid	Dehydroabietic acid	*	700.000	J			
P3502-08	DCXU8	Solid	Heptadecyl heptafluorobutyrate	*	430.000	J			
P3502-08	DCXU8	Solid	Heptadecyl trifluoroacetate	*	290.000	J			
P3502-08	DCXU8	Solid	n-Hexadecanoic acid	*	610.000	J			
P3502-08	DCXU8	Solid	Octachlorodibenzo-p-dioxin	*	790.000	J			
P3502-08	DCXU8	Solid	Octadecanoic acid	*	380.000	J			
P3502-08	DCXU8	Solid	unknown-01	*	110.000	J			
P3502-08	DCXU8	Solid	unknown-02	*	450.000	J			
P3502-08	DCXU8	Solid	Total Alkanes	*	930.000		29	190	ug/Kg
			Total Tics :		**7,847.00**				
P3502-08	DCXU8	Solid	Pentachlorophenol		200.000	J	98	370	ug/Kg
			Total Svoc :		**200.00**				
			Total Concentration:		**8,047.00**				
Client ID :	**DCXU1**								
P3502-12	DCXU1	Solid	(DEL) Alkane: Straight-Chain23.8	*	79.000	J			
P3502-12	DCXU1	Solid	(DEL) Alkane: Straight-Chain25.8	*	170.000	J			
P3502-12	DCXU1	Solid	.alpha.-Pinene	*	190.000	J			
P3502-12	DCXU1	Solid	1-Phenoxypropan-2-ol	*	110.000	J			
P3502-12	DCXU1	Solid	Cinnamyl cinnamate	*	820.000	J			
P3502-12	DCXU1	Solid	cis-Vaccenic acid	*	110.000	J			
P3502-12	DCXU1	Solid	Dehydroabietic acid	*	400.000	J			
P3502-12	DCXU1	Solid	Heptafluorobutyric acid, hexadecy	*	210.000	J			
P3502-12	DCXU1	Solid	n-Hexadecanoic acid	*	380.000	J			
P3502-12	DCXU1	Solid	Octadecanoic acid	*	160.000	J			
P3502-12	DCXU1	Solid	Tetracosapentaene, 2,6,10,15,19,2	*	1,000.000	J			
P3502-12	DCXU1	Solid	Trichloroacetic acid, pentadecyl e	*	160.000	J			
P3502-12	DCXU1	Solid	unknown-01	*	92.000	J			
P3502-12	DCXU1	Solid	Xanthoxylin	*	270.000	J			
P3502-12	DCXU1	Solid	Total Alkanes	*	250.000		29	190	ug/Kg
			Total Tics :		**4,401.00**				

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Hit Summary Sheet
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SDG No.: BG081324

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
			Total Concentration:		**4,401.00**				
Client ID : DCXU2									
P3502-13	DCXU2	Solid	(3S,6aR,6bR,8aS,12S,14bR)-4,4,6	*	340.000	J			
P3502-13	DCXU2	Solid	(DEL) Alkane: Cyclic21.224	*	190.000	J			
P3502-13	DCXU2	Solid	(DEL) Alkane: Straight-Chain22.3	*	310.000	J			
P3502-13	DCXU2	Solid	(DEL) Alkane: Straight-Chain23.8	*	170.000	J			
P3502-13	DCXU2	Solid	(DEL) Alkane: Straight-Chain25.8	*	210.000	J			
P3502-13	DCXU2	Solid	(DEL) Alkane: Straight-Chain25.9	*	260.000	J			
P3502-13	DCXU2	Solid	.gamma.-Sitosterol	*	310.000	J			
P3502-13	DCXU2	Solid	1,16-Hexadecanediol	*	140.000	J			
P3502-13	DCXU2	Solid	1-Phenoxypropan-2-ol	*	110.000	J			
P3502-13	DCXU2	Solid	5-Bromo-4-oxo-4,5,6,7-tetrahydrc	*	530.000	J			
P3502-13	DCXU2	Solid	Bromoacetic acid, pentadecyl este	*	170.000	J			
P3502-13	DCXU2	Solid	Dehydroabietic acid	*	210.000	J			
P3502-13	DCXU2	Solid	n-Hexadecanoic acid	*	410.000	J			
P3502-13	DCXU2	Solid	Octadecanoic acid	*	330.000	J			
P3502-13	DCXU2	Solid	unknown-01	*	95.000	J			
P3502-13	DCXU2	Solid	unknown-02	*	1,200.000	J			
P3502-13	DCXU2	Solid	Xanthoxylin	*	81.000	J			
P3502-13	DCXU2	Solid	Total Alkanes	*	1,100.000		30	200	ug/Kg
			Total Tics :		**6,166.00**				
			Total Concentration:		**6,166.00**				
Client ID : DCXV1									
P3502-19	DCXV1	Solid	(1R,2S,6S,7S,8S)-8-Isopropyl-1-n	*	120.000	J			
P3502-19	DCXV1	Solid	(DEL) Alkane: Straight-Chain19.3	*	83.000	J			
P3502-19	DCXV1	Solid	(DEL) Alkane: Straight-Chain22.3	*	1,200.000	J			
P3502-19	DCXV1	Solid	(DEL) Alkane: Straight-Chain23.8	*	1,100.000	J			
P3502-19	DCXV1	Solid	(DEL) Alkane: Straight-Chain25.8	*	1,300.000	J			
P3502-19	DCXV1	Solid	(DEL) Alkane: Straight-Chain28.6	*	130.000	J			
P3502-19	DCXV1	Solid	(S)-(+)-1,2-Propanediol	*	150.000	J			
P3502-19	DCXV1	Solid	.alpha.-Pinene	*	130.000	J			
P3502-19	DCXV1	Solid	.gamma.-Sitosterol	*	1,200.000	J			
P3502-19	DCXV1	Solid	1-Heneicosanol	*	470.000	J			
P3502-19	DCXV1	Solid	1-Heptacosanol	*	580.000	J			
P3502-19	DCXV1	Solid	1-Phenoxypropan-2-ol	*	180.000	J			
P3502-19	DCXV1	Solid	2-Propenoic acid, 3-phenyl-, 1,7,7	*	280.000	J			
P3502-19	DCXV1	Solid	3-Phenylpropyl cinnamate, (E)-	*	77.000	J			
P3502-19	DCXV1	Solid	Cinnamyl cinnamate	*	4,500.000	J			
P3502-19	DCXV1	Solid	Copaene	*	130.000	J			

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Hit Summary Sheet
SW-846

SDG No.: BG081324

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3502-19	DCXV1	Solid	Dichloroacetic acid, heptadecyl es	*	750.000	J			
P3502-19	DCXV1	Solid	n-Hexadecanoic acid	*	600.000	J			
P3502-19	DCXV1	Solid	Naphthalene, 1,2,3,5,6,8a-hexahy	*	120.000	J			
P3502-19	DCXV1	Solid	Naphthalene, 1,2,4a,5,6,8a-hexahy	*	91.000	J			
P3502-19	DCXV1	Solid	Octachlorodibenzo-p-dioxin	*	420.000	J			
P3502-19	DCXV1	Solid	Octadecanoic acid	*	370.000	J			
P3502-19	DCXV1	Solid	Oxalic acid, hexadecyl propyl este	*	97.000	J			
P3502-19	DCXV1	Solid	Pentanedioic acid, dimethyl ester	*	84.000	J			
P3502-19	DCXV1	Solid	Stigmast-4-en-3-one	*	590.000	J			
P3502-19	DCXV1	Solid	Tetracosanoic acid	*	140.000	J			
P3502-19	DCXV1	Solid	trans-Calamenene	*	95.000	J			
P3502-19	DCXV1	Solid	unknown-01	*	81.000	J			
P3502-19	DCXV1	Solid	unknown-02	*	340.000	J			
P3502-19	DCXV1	Solid	unknown-03	*	140.000	J			
P3502-19	DCXV1	Solid	unknown-04	*	120.000	J			
P3502-19	DCXV1	Solid	Xanthoxylin	*	190.000	J			
P3502-19	DCXV1	Solid	Total Alkanes	*	3,800.000		29	190	ug/Kg
			Total Tics :		**19,658.00**				
P3502-19	DCXV1	Solid	Pentachlorophenol		210.000	J	99	370	ug/Kg
			Total Svoc :		**210.00**				
			Total Concentration:		**19,868.00**				
Client ID :	**DCXV8**								
P3502-22	DCXV8	Solid	(DEL) Alkane: Straight-Chain21.2	*	580.000	J			
P3502-22	DCXV8	Solid	(DEL) Alkane: Straight-Chain23.8	*	820.000	J			
P3502-22	DCXV8	Solid	(DEL) Alkane: Straight-Chain25.8	*	1,100.000	J			
P3502-22	DCXV8	Solid	(DEL) Alkane: Straight-Chain25.9	*	660.000	J			
P3502-22	DCXV8	Solid	(DEL) Alkane: Straight-Chain28.6	*	370.000	J			
P3502-22	DCXV8	Solid	.alpha.-Pinene	*	150.000	J			
P3502-22	DCXV8	Solid	.gamma.-Muurolene	*	83.000	J			
P3502-22	DCXV8	Solid	.gamma.-Sitosterol	*	450.000	J			
P3502-22	DCXV8	Solid	1-Phenoxypropan-2-ol	*	160.000	J			
P3502-22	DCXV8	Solid	2-Propenoic acid, 3-phenyl-, 1,7,7	*	150.000	J			
P3502-22	DCXV8	Solid	Caryophyllene	*	180.000	J			
P3502-22	DCXV8	Solid	Cinnamyl cinnamate	*	800.000	J			
P3502-22	DCXV8	Solid	Dehydroabietic acid	*	440.000	J			
P3502-22	DCXV8	Solid	Germacrene D	*	78.000	J			
P3502-22	DCXV8	Solid	Linoelaidic acid	*	75.000	J			
P3502-22	DCXV8	Solid	Methyl dehydroabietate	*	76.000	J			
P3502-22	DCXV8	Solid	n-Hexadecanoic acid	*	520.000	J			
P3502-22	DCXV8	Solid	n-Tetracosanol-1	*	630.000	J			

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Hit Summary Sheet
SW-846

SDG No.: BG081324

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3502-22	DCXV8	Solid	Octadecanoic acid	*	270.000	J			
P3502-22	DCXV8	Solid	Octadecyl trifluoroacetate	*	1,200.000	J			
P3502-22	DCXV8	Solid	Oxalic acid, octadecyl propyl este	*	78.000	J			
P3502-22	DCXV8	Solid	Pentanedioic acid, dimethyl ester	*	76.000	J			
P3502-22	DCXV8	Solid	Tetracosanoic acid	*	200.000	J			
P3502-22	DCXV8	Solid	unknown-01	*	160.000	J			
P3502-22	DCXV8	Solid	unknown-02	*	95.000	J			
P3502-22	DCXV8	Solid	Total Alkanes	*	3,500.000		28	180	ug/Kg
			Total Tics :		**12,901.00**				
			Total Concentration:		**12,901.00**				
Client ID :	**DCXW0**								
P3502-23	DCXW0	Solid	(DEL) Alkane: Straight-Chain21.2	*	130.000	J			
P3502-23	DCXW0	Solid	(DEL) Alkane: Straight-Chain22.3	*	180.000	J			
P3502-23	DCXW0	Solid	(DEL) Alkane: Straight-Chain23.8	*	83.000	J			
P3502-23	DCXW0	Solid	(DEL) Alkane: Straight-Chain25.8	*	180.000	J			
P3502-23	DCXW0	Solid	.alpha.-Pinene	*	110.000	J			
P3502-23	DCXW0	Solid	1-Phenoxypropan-2-ol	*	80.000	J			
P3502-23	DCXW0	Solid	Cinnamyl cinnamate	*	570.000	J			
P3502-23	DCXW0	Solid	Dehydroabietic acid	*	220.000	J			
P3502-23	DCXW0	Solid	n-Hexadecanoic acid	*	260.000	J			
P3502-23	DCXW0	Solid	Octadecanoic acid	*	160.000	J			
P3502-23	DCXW0	Solid	Tetracosapentaene, 2,6,10,15,19,2	*	560.000	J			
P3502-23	DCXW0	Solid	unknown-01	*	81.000	J			
P3502-23	DCXW0	Solid	Total Alkanes	*	570.000		29	190	ug/Kg
			Total Tics :		**3,184.00**				
			Total Concentration:		**3,184.00**				

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG080524 SAS No.: BG080524 SDG No.: BG080524

Instrument ID: Calibration Date(s): 8/5/2024 1:

Calibration Time(s): 10:38

LAB FILE ID: RRFAL1 = BG062232.D RRFAL2 = BG062233.D RRFAL3 = BG062234.D
RRFAL4 = BG062235.D RRFAL5 = BG062236.D RRFAL6 = BG062237.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.503	0.599	0.541	0.466	0.509		0.524	9.5
Benzaldehyde		1.203	1.136	1.161	0.863	0.681	1.009	22.5
Pyridine		1.602	1.525	1.482	1.532	1.443	1.517	3.9
Hexachloroethane	0.510	0.553	0.540	0.537	0.561		0.540	3.6
Nitrobenzene	0.272	0.353	0.357	0.382	0.390		0.351	13.3
Isophorone	0.781	0.938	0.857	0.844	0.799		0.844	7.3
2-Nitrophenol	0.089	0.132	0.148	0.161	0.173		0.141	23.1
2,4-Dimethylphenol	0.369	0.435	0.404	0.409	0.398		0.403	5.9
Bis(2-Chloroethoxy)methane	0.447	0.525	0.477	0.469	0.461		0.476	6.3
2,4-Dichlorophenol	0.298	0.370	0.344	0.352	0.343		0.342	7.8
Naphthalene	1.056	1.237	1.161	1.132	1.099		1.137	6.0
4-Chloroaniline		0.523	0.484	0.480	0.461	0.440	0.478	6.4
Hexachlorobutadiene	0.251	0.274	0.261	0.256	0.250		0.258	3.8
Phenol		2.088	1.974	2.009	2.007	1.993	2.014	2.2
Caprolactam		0.131	0.122	0.120	0.113	0.111	0.119	6.6
4-Chloro-3-methylphenol	0.326	0.424	0.400	0.395	0.371		0.383	9.7
1-Methylnaphthalene	0.822	0.886	0.835	0.777	0.736		0.811	7.1
2-Methylnaphthalene	0.750	0.866	0.787	0.775	0.738		0.783	6.4
Hexachlorocyclopentadiene		0.218	0.240	0.245	0.271	0.295	0.254	11.7
2,4,6-Trichlorophenol	0.315	0.394	0.401	0.389	0.395		0.379	9.5
2,4,5-Trichlorophenol	0.329	0.423	0.439	0.422	0.428		0.408	11.0
1,1-Biphenyl	1.475	1.646	1.598	1.453	1.405		1.515	6.7
2-Chloronaphthalene	1.138	1.291	1.238	1.123	1.097		1.177	7.1
2-Nitroaniline	0.212	0.271	0.319	0.348	0.350		0.300	19.6
Bis(2-Chloroethyl)ether		1.564	1.532	1.507	1.492	1.369	1.493	5.0
Dimethylphthalate	1.470	1.669	1.577	1.548	1.476		1.548	5.3
2,6-Dinitrotoluene	0.127	0.194	0.220	0.248	0.268		0.211	26.0
Acenaphthylene	1.751	2.009	1.897	1.880	1.784		1.864	5.5
3-Nitroaniline		0.232	0.233	0.259	0.249	0.230	0.241	5.3
Acenaphthene	1.331	1.486	1.404	1.387	1.331		1.388	4.6
2,4-Dinitrophenol		0.053	0.062	0.080	0.104	0.121	0.084	34.1
4-Nitrophenol		0.181	0.193	0.198	0.203	0.192	0.193	4.1
Dibenzofuran	1.869	2.010	1.978	1.910	1.819		1.917	4.1
2,4-Dinitrotoluene	0.188	0.253	0.309	0.342	0.358		0.290	24.1
Diethylphthalate	1.479	1.711	1.594	1.560	1.473		1.563	6.2
2-Chlorophenol	1.249	1.498	1.488	1.484	1.546		1.453	8.0

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG080524 SAS No.: BG080524 SDG No.: BG080524

Instrument ID: Calibration Date(s): 8/5/2024 1:

Calibration Time(s): 10:38

LAB FILE ID: RRFAL1 = BG062232.D RRFAL2 = BG062233.D RRFAL3 = BG062234.D
RRFAL4 = BG062235.D RRFAL5 = BG062236.D RRFAL6 = BG062237.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.482	1.638	1.530	1.488	1.358		1.499	6.7
4-Chlorophenyl-phenylether	0.771	0.839	0.790	0.760	0.705		0.773	6.3
4-Nitroaniline		0.228	0.236	0.256	0.226	0.214	0.232	6.6
4,6-Dinitro-2-methylphenol		0.043	0.055	0.067	0.084	0.092	0.068	29.7
N-Nitrosodiphenylamine	0.566	0.635	0.611	0.597	0.587		0.599	4.3
1,2,4,5-Tetrachlorobenzene	0.624	0.704	0.664	0.640	0.633		0.653	4.9
4-Bromophenyl-phenylether	0.210	0.240	0.235	0.229	0.225		0.228	5.0
Hexachlorobenzene	0.252	0.284	0.270	0.263	0.257		0.265	4.8
Atrazine		0.245	0.235	0.228	0.228	0.213	0.230	5.1
Pentachlorophenol		0.111	0.127	0.143	0.157	0.160	0.140	14.8
2-Methylphenol		1.529	1.541	1.539	1.537	1.448	1.519	2.6
Phenanthrene	1.072	1.232	1.148	1.115	1.061		1.126	6.1
Pentachlorobenzene	0.306	0.317	0.319	0.312	0.313		0.313	1.6
Anthracene	1.103	1.266	1.180	1.143	1.084		1.155	6.2
1,2,3,4-Tetrachlorobenzene	0.284	0.316	0.313	0.290	0.294		0.300	4.7
Carbazole		1.050	0.984	0.961	0.926	0.817	0.947	9.1
Di-n-butylphthalate	0.989	1.208	1.176	1.151	1.113		1.127	7.5
Fluoranthene	1.281	1.452	1.345	1.358	1.283		1.344	5.2
Pyrene	1.361	1.567	1.438	1.442	1.349		1.431	6.1
Butylbenzylphthalate	0.416	0.518	0.499	0.521	0.516		0.494	9.0
3,3-Dichlorobenzidine		0.516	0.468	0.472	0.428	0.367	0.450	12.4
2,2-oxybis(1-Chloropropane)		3.214	3.117	3.019	3.050	2.850	3.050	4.4
Benzo(a)anthracene	1.394	1.591	1.465	1.461	1.413		1.465	5.3
Chrysene	1.340	1.491	1.384	1.371	1.329		1.383	4.7
Bis(2-ethylhexyl)phthalate	0.671	0.812	0.767	0.797	0.765		0.762	7.2
Di-n-octyl phthalate		1.194	1.143	1.188	1.147	1.025	1.139	6.0
Benzo(b)fluoranthene	1.143	1.294	1.230	1.235	1.181		1.217	4.7
Benzo(k)fluoranthene	1.164	1.341	1.248	1.230	1.205		1.238	5.3
Benzo(a)pyrene	1.066	1.237	1.156	1.160	1.137		1.151	5.3
Indeno(1,2,3-cd)pyrene	1.377	1.557	1.499	1.519	1.506		1.492	4.5
Dibenzo(a,h)anthracene	1.131	1.292	1.203	1.252	1.214		1.218	5.0
Benzo(g,h,i)perylene	1.034	1.182	1.135	1.158	1.156		1.133	5.1
Acetophenone		2.696	2.604	2.570	2.490	2.301	2.532	5.9
2,3,4,6-Tetrachlorophenol	0.282	0.386	0.386	0.391	0.391		0.367	12.9
1,4-Dioxane-d8	0.406	0.512	0.461	0.465	0.475		0.464	8.2
Pyridine-d5		1.504	1.440	1.460	1.496	1.396	1.459	3.0

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG080524 SAS No.: BG080524 SDG No.: BG080524

Instrument ID: Calibration Date(s): 8/5/2024 1:

Calibration Time(s): 10:38

LAB FILE ID: RRFAL1 = BG062232.D RRFAL2 = BG062233.D RRFAL3 = BG062234.D
RRFAL4 = BG062235.D RRFAL5 = BG062236.D RRFAL6 = BG062237.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.937	1.883	1.913	1.906	1.906	1.909	1.0
Bis-(2-Chloroethyl)ether-d8		1.236	1.205	1.169	1.163	1.103	1.175	4.2
2-Chlorophenol-d4	1.204	1.373	1.390	1.406	1.465		1.368	7.1
4-Methylphenol-d8		1.625	1.586	1.596	1.619	1.524	1.590	2.5
Nitrobenzene-d5	0.092	0.120	0.123	0.136	0.146		0.123	16.6
2-Nitrophenol-d4	0.078	0.106	0.113	0.135	0.148		0.116	23.3
2,4-Dichlorophenol-d3	0.300	0.362	0.342	0.343	0.338		0.337	6.8
4-Chloroaniline-d4		0.535	0.492	0.486	0.475	0.455	0.489	6.0
4-Methylphenol		1.751	1.695	1.702	1.722	1.634	1.701	2.6
Dimethylphthalate-d6	1.467	1.656	1.579	1.540	1.473		1.543	5.1
Acenaphthylene-d8	1.641	1.843	1.793	1.781	1.690		1.750	4.7
4-Nitrophenol-d4		0.204	0.207	0.226	0.228	0.215	0.216	5.0
Fluorene-d10	1.314	1.506	1.413	1.385	1.306		1.385	5.9
4,6-Dinitro-2-methylphenol-		0.042	0.047	0.057	0.071	0.079	0.059	26.7
Anthracene-d10	0.911	1.046	0.989	0.959	0.918		0.965	5.8
Pyrene-d10	1.126	1.281	1.200	1.194	1.143		1.189	5.1
Benzo(a)pyrene-d12	0.992	1.128	1.079	1.081	1.065		1.069	4.6
N-Nitroso-di-n-propylamine	1.159	1.402	1.409	1.386	1.372		1.346	7.8

All other compounds must meet a minimum RRF of 0.010.

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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG081324 SAS No.: BG081324 SDG NO.: BG081324

EPA Sample No.: SSTD020427 Date Analyzed: Aug 13 2024 12:00AM

Lab File ID: BG062234.D Time Analyzed: 10:46

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	45117	7.965	214110	10.76	160520	14.59
	UPPER LIMIT	90234	8.465	428220	11.261	321040	15.085
	LOWER LIMIT	22558.5	7.465	107055	10.261	80260	14.085
	EPA SAMPLE NO.						
01	SBLK649	39213	7.96	192188	10.75	155728	14.57
02	DCXU0	54836	7.96	262426	10.75	201415	14.58
03	DCXV1	54023	7.95	254484	10.74	191992	14.57
04	DCXU2	53142	7.95	263217	10.74	201800	14.57
05	DCXV8	57834	7.95	279966	10.75	210032	14.57
06	DCXU7	54682	7.96	265025	10.75	198684	14.57
07	DCXU8	58887	7.96	280559	10.75	205779	14.58
08	DCXU1	54817	7.95	258935	10.75	197055	14.57
09	DCXW0	49345	7.95	237530	10.74	184109	14.57

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG081324 SAS No.: BG081324 SDG NO.: BG081324

EPA Sample No.: SSTD020453 Date Analyzed: Aug 13 2024 12:00AM

Lab File ID: BG062378.D Time Analyzed: 10:46

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	39762	7.95	198625	10.75	168232	14.57
	UPPER LIMIT	79524	8.45	397250	11.246	336464	15.07
	LOWER LIMIT	19881	7.45	99312.5	10.246	84116	14.07
	EPA SAMPLE NO.						
01	SBLK649	39213	7.96	192188	10.75	155728	14.57
02	DCXU0	54836	7.96	262426	10.75	201415	14.58
03	DCXV1	54023	7.95	254484	10.74	191992	14.57
04	DCXU2	53142	7.95	263217	10.74	201800	14.57
05	DCXV8	57834	7.95	279966	10.75	210032	14.57
06	DCXU7	54682	7.96	265025	10.75	198684	14.57
07	DCXU8	58887	7.96	280559	10.75	205779	14.58
08	DCXU1	54817	7.95	258935	10.75	197055	14.57
09	DCXW0	49345	7.95	237530	10.74	184109	14.57

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG081324 SAS No.: BG081324 SDG NO.: BG081324

EPA Sample No.: SSTD020427 Date Analyzed: Aug 13 2024 12:00AM

Lab File ID: BG062234.D Time Analyzed: 10:46

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	357990	17.329	353741	21.576	398635	24.672
	UPPER LIMIT	715980	17.829	707482	22.076	797270	25.172
	LOWER LIMIT	178995	16.829	176870.5	21.076	199317.5	24.172
	EPA SAMPLE NO.						
01	SBLK649	382172	17.31	371564	21.55	428513	24.63
02	DCXU0	462063	17.31	432235	21.55	499751	24.64
03	DCXV1	419151	17.31	388309	21.55	447038	24.64
04	DCXU2	453774	17.31	415707	21.55	482862	24.64
05	DCXV8	447397	17.31	407641	21.55	468572	24.64
06	DCXU7	424890	17.31	395751	21.56	446309	24.65
07	DCXU8	435612	17.31	405403	21.55	455601	24.64
08	DCXU1	421681	17.31	396776	21.55	452151	24.64
09	DCXW0	397653	17.31	384773	21.55	432250	24.64

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG081324 SAS No.: BG081324 SDG NO.: BG081324

EPA Sample No.: SSTD020453 Date Analyzed: Aug 13 2024 12:00AM

Lab File ID: BG062378.D Time Analyzed: 10:46

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	393985	17.313	383294	21.555	439378	24.639
	UPPER LIMIT	787970	17.813	766588	22.055	878756	25.139
	LOWER LIMIT	196992.5	16.813	191647	21.055	219689	24.139
	EPA SAMPLE NO.						
01	SBLK649	382172	17.31	371564	21.55	428513	24.63
02	DCXU0	462063	17.31	432235	21.55	499751	24.64
03	DCXV1	419151	17.31	388309	21.55	447038	24.64
04	DCXU2	453774	17.31	415707	21.55	482862	24.64
05	DCXV8	447397	17.31	407641	21.55	468572	24.64
06	DCXU7	424890	17.31	395751	21.56	446309	24.65
07	DCXU8	435612	17.31	405403	21.55	455601	24.64
08	DCXU1	421681	17.31	396776	21.55	452151	24.64
09	DCXW0	397653	17.31	384773	21.55	432250	24.64

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

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

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

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK649

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG081324 SAS No.: BG081324 SDG NO.: BG081324

Lab File ID: BG062379.D Lab Sample ID: PB162649BL

Instrument ID: BNA_G Date Extracted: 08/10/2024

Matrix: (soil/water) Solid Date Analyzed: 08/13/2024

Level: (low/med) LOW Time Analyzed: 10:46

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
DCXU0	P3502-06	BG062380.D	08/13/2024
DCXV1	P3502-19	BG062381.D	08/13/2024
DCXU2	P3502-13	BG062382.D	08/13/2024
DCXV8	P3502-22	BG062383.D	08/13/2024
DCXU7	P3502-07	BG062384.D	08/13/2024
DCXU8	P3502-08	BG062385.D	08/13/2024
DCXU1	P3502-12	BG062386.D	08/13/2024
DCXW0	P3502-23	BG062387.D	08/13/2024

COMMENTS:

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Surrogate Summary

SW-846

SDG No.: BG081324

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3502-06	DCXU0	BG062380.D	1,4-Dioxane-d8	8	2.71	34		15	120
			Pyridine-d5	40	13.40	34		20	120
			Phenol-d5	40	15.70	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.31	38		10	150
			2-Chlorophenol-d4	40	15.89	40		15	120
			4-Methylphenol-d8	40	11.38	28		10	140
			Nitrobenzene-d5	40	17.61	44		10	135
			2-Nitrophenol-d4	40	20.53	51		10	120
			2,4-Dichlorophenol-d3	40	16.08	40		10	140
			4-Chloroaniline-d4	40	10.87	27		1	145
			Dimethylphthalate-d6	40	16.18	40		10	145
			Acenaphthylene-d8	40	15.91	40		15	120
			4-Nitrophenol-d4	40	16.28	41		10	150
			Fluorene-d10	40	16.89	42		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.22	51		10	130
			Anthracene-d10	40	16.98	42		10	150
			Pyrene-d10	40	17.57	44		10	130
			Benzo(a)pyrene-d12	40	17.28	43		10	140
P3502-07	DCXU7	BG062384.D	1,4-Dioxane-d8	8	2.88	36		15	120
			Pyridine-d5	40	14.47	36		20	120
			Phenol-d5	40	19.39	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.88	42		10	150
			2-Chlorophenol-d4	40	18.86	47		15	120
			4-Methylphenol-d8	40	17.41	44		10	140
			Nitrobenzene-d5	40	21.11	53		10	135
			2-Nitrophenol-d4	40	25.30	63		10	120
			2,4-Dichlorophenol-d3	40	18.75	47		10	140
			4-Chloroaniline-d4	40	14.26	36		1	145
			Dimethylphthalate-d6	40	17.68	44		10	145
			Acenaphthylene-d8	40	18.14	45		15	120
			4-Nitrophenol-d4	40	18.83	47		10	150
			Fluorene-d10	40	18.45	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.87	60		10	130
			Anthracene-d10	40	18.72	47		10	150
			Pyrene-d10	40	19.70	49		10	130
			Benzo(a)pyrene-d12	40	19.15	48		10	140
P3502-08	DCXU8	BG062385.D	1,4-Dioxane-d8	8	2.80	35		15	120
			Pyridine-d5	40	12.98	32		20	120
			Phenol-d5	40	15.51	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.15	35		10	150
			2-Chlorophenol-d4	40	16.20	40		15	120
			4-Methylphenol-d8	40	13.12	33		10	140
			Nitrobenzene-d5	40	17.80	45		10	135
			2-Nitrophenol-d4	40	21.62	54		10	120
			2,4-Dichlorophenol-d3	40	15.04	38		10	140
			4-Chloroaniline-d4	40	9.32	23		1	145
			Dimethylphthalate-d6	40	14.52	36		10	145
			Acenaphthylene-d8	40	15.02	38		15	120
			4-Nitrophenol-d4	40	13.75	34		10	150

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Surrogate Summary

SW-846

SDG No.: BG081324

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3502-08	DCXU8	BG062385.D	Fluorene-d10	40	14.86	37		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.35	48		10	130
			Anthracene-d10	40	14.96	37		10	150
			Pyrene-d10	40	15.56	39		10	130
			Benzo(a)pyrene-d12	40	15.30	38		10	140
P3502-12	DCXU1	BG062386.D	1,4-Dioxane-d8	8	2.53	32		15	120
			Pyridine-d5	40	2.05	5	*	20	120
			Phenol-d5	40	14.21	36		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.00	35		10	150
			2-Chlorophenol-d4	40	15.00	37		15	120
			4-Methylphenol-d8	40	10.36	26		10	140
			Nitrobenzene-d5	40	18.12	45		10	135
			2-Nitrophenol-d4	40	21.36	53		10	120
			2,4-Dichlorophenol-d3	40	14.86	37		10	140
			4-Chloroaniline-d4	40	9.76	24		1	145
			Dimethylphthalate-d6	40	14.79	37		10	145
			Acenaphthylene-d8	40	15.08	38		15	120
			4-Nitrophenol-d4	40	13.77	34		10	150
			Fluorene-d10	40	15.23	38		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.04	50		10	130
			Anthracene-d10	40	15.14	38		10	150
			Pyrene-d10	40	16.13	40		10	130
			Benzo(a)pyrene-d12	40	15.49	39		10	140
P3502-13	DCXU2	BG062382.D	1,4-Dioxane-d8	8	2.25	28		15	120
			Pyridine-d5	40	1.91	5	*	20	120
			Phenol-d5	40	13.47	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.14	35		10	150
			2-Chlorophenol-d4	40	14.36	36		15	120
			4-Methylphenol-d8	40	9.15	23		10	140
			Nitrobenzene-d5	40	16.29	41		10	135
			2-Nitrophenol-d4	40	19.41	49		10	120
			2,4-Dichlorophenol-d3	40	14.05	35		10	140
			4-Chloroaniline-d4	40	5.79	14		1	145
			Dimethylphthalate-d6	40	14.23	36		10	145
			Acenaphthylene-d8	40	14.45	36		15	120
			4-Nitrophenol-d4	40	14.64	37		10	150
			Fluorene-d10	40	14.90	37		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.59	46		10	130
			Anthracene-d10	40	14.56	36		10	150
			Pyrene-d10	40	15.46	39		10	130
			Benzo(a)pyrene-d12	40	14.75	37		10	140
P3502-19	DCXV1	BG062381.D	Pyridine-d5	40	6.62	17	*	20	120
			1,4-Dioxane-d8	8	3.57	45		15	120
			Phenol-d5	40	23.37	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.23	56		10	150
			2-Chlorophenol-d4	40	23.54	59		15	120
			4-Methylphenol-d8	40	18.20	46		10	140
			Nitrobenzene-d5	40	28.47	71		10	135
			2-Nitrophenol-d4	40	33.42	84		10	120

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Surrogate Summary

SW-846

SDG No.: BG081324

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3502-19	DCXV1	BG062381.D	2,4-Dichlorophenol-d3	40	24.96	62		10	140
			4-Chloroaniline-d4	40	8.39	21		1	145
			Dimethylphthalate-d6	40	24.48	61		10	145
			Acenaphthylene-d8	40	24.84	62		15	120
			4-Nitrophenol-d4	40	20.26	51		10	150
			Fluorene-d10	40	25.27	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	33.35	83		10	130
			Anthracene-d10	40	24.51	61		10	150
			Pyrene-d10	40	26.11	65		10	130
			Benzo(a)pyrene-d12	40	25.02	63		10	140
P3502-22	DCXV8	BG062383.D	1,4-Dioxane-d8	8	3.94	49		15	120
			Pyridine-d5	40	3.00	8	*	20	120
			Phenol-d5	40	25.86	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.60	59		10	150
			2-Chlorophenol-d4	40	25.54	64		15	120
			4-Methylphenol-d8	40	24.60	61		10	140
			Nitrobenzene-d5	40	29.00	73		10	135
			2-Nitrophenol-d4	40	35.33	88		10	120
			2,4-Dichlorophenol-d3	40	25.75	64		10	140
			4-Chloroaniline-d4	40	9.39	23		1	145
			Dimethylphthalate-d6	40	24.29	61		10	145
			Acenaphthylene-d8	40	24.78	62		15	120
			4-Nitrophenol-d4	40	26.38	66		10	150
			Fluorene-d10	40	25.20	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	36.14	90		10	130
			Anthracene-d10	40	25.02	63		10	150
			Pyrene-d10	40	26.78	67		10	130
			Benzo(a)pyrene-d12	40	25.65	64		10	140
P3502-23	DCXW0	BG062387.D	1,4-Dioxane-d8	8	1.79	22		15	120
			Pyridine-d5	40	2.05	5	*	20	120
			Phenol-d5	40	11.16	28		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.72	27		10	150
			2-Chlorophenol-d4	40	11.56	29		15	120
			4-Methylphenol-d8	40	8.39	21		10	140
			Nitrobenzene-d5	40	13.33	33		10	135
			2-Nitrophenol-d4	40	15.81	40		10	120
			2,4-Dichlorophenol-d3	40	11.52	29		10	140
			4-Chloroaniline-d4	40	7.84	20		1	145
			Dimethylphthalate-d6	40	11.49	29		10	145
			Acenaphthylene-d8	40	11.35	28		15	120
			4-Nitrophenol-d4	40	11.04	28		10	150
			Fluorene-d10	40	11.87	30		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.83	37		10	130
			Anthracene-d10	40	11.69	29		10	150
			Pyrene-d10	40	12.60	32		10	130
			Benzo(a)pyrene-d12	40	12.17	30		10	140
PB162649BL	PB162649BL	BG062379.D	Pyridine-d5	40	29.97	75		20	120
			1,4-Dioxane-d8	8	6.63	83		15	120
			Phenol-d5	40	28.42	71		10	130

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Surrogate Summary

SW-846

SDG No.: BG081324

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB162649BL	PB162649BL	BG062379.D	Bis(2-Chloroethyl)ether-d8	40	30.74	77		10	150
			2-Chlorophenol-d4	40	28.85	72		15	120
			4-Methylphenol-d8	40	29.27	73		10	140
			Nitrobenzene-d5	40	33.29	83		10	135
			2-Nitrophenol-d4	40	38.16	95		10	120
			2,4-Dichlorophenol-d3	40	28.75	72		10	140
			4-Chloroaniline-d4	40	27.52	69		1	145
			Dimethylphthalate-d6	40	30.04	75		10	145
			Acenaphthylene-d8	40	28.85	72		15	120
			4-Nitrophenol-d4	40	33.48	84		10	150
			Fluorene-d10	40	31.33	78		20	140
			4,6-Dinitro-2-methylphenol-d2	40	37.78	94		10	130
			Anthracene-d10	40	30.24	76		10	150
			Pyrene-d10	40	30.75	77		10	130
			Benzo(a)pyrene-d12	40	29.64	74		10	140

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BG081324

Lab Code: CHEM SAS No.: BG081324 SDG NO.: BG081324

Lab File ID: BG062377.D DFTPP Injection Date: 08/13/2024

Instrument ID: BNA_G DFTPP Injection Time: 09:18

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.8
68	Less than 2.0% of mass 69	0.2 (0.7) 1
69	Mass 69 relative abundance	32.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	38.7
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	26.8
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	11.3
442	Greater than 50% of mass 198	67.3
443	15.0 - 24.0% of mass 442	13.1 (19.5) 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
SSTD020453	SSTDCCC020	BG062378.D	08/13/2024	10:05
SBLK649	PB162649BL	BG062379.D	08/13/2024	10:46
DCXU0	P3502-06	BG062380.D	08/13/2024	11:27
DCXV1	P3502-19	BG062381.D	08/13/2024	12:07
DCXU2	P3502-13	BG062382.D	08/13/2024	12:48
DCXV8	P3502-22	BG062383.D	08/13/2024	13:29
DCXU7	P3502-07	BG062384.D	08/13/2024	14:10
DCXU8	P3502-08	BG062385.D	08/13/2024	14:51
DCXU1	P3502-12	BG062386.D	08/13/2024	15:32
DCXW0	P3502-23	BG062387.D	08/13/2024	16:13
SSTD020454	SSTDCCC020EC	BG062388.D	08/13/2024	16:54