

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG122023 SAS No.: BG122023 SDG No.: BG122023

Instrument ID: BNA_G Calibration Date/Time: 12/20/2023 : 10:39

Lab File ID: BG060099.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.762	0.840		10.236	
Pyridine	1.548	1.277		-17.506	
2-Fluorophenol	1.168	1.014		-13.185	
Benzaldehyde	0.999	0.984		-1.502	
Aniline	1.674	2.091		24.91	
Phenol-d6	1.643	1.595		-2.921	
Phenol	1.651	1.623		-1.696	20.0
bis(2-Chloroethyl)ether	1.182	0.947		-19.882	
2-Chlorophenol	1.107	1.061		-4.155	
1,2-Dichlorobenzene	1.482	1.373		-7.355	
1,3-Dichlorobenzene	1.481	1.379		-6.887	
1,4-Dichlorobenzene	1.541	1.378		-10.578	20.0
Benzyl Alcohol	1.321	1.658		25.511	
2-Methylphenol	1.101	1.192		8.265	
2,2-oxybis(1-Chloropropane)	2.115	2.001		-5.39	
Acetophenone	0.583	0.605		3.774	
3+4-Methylphenols	1.537	1.611		4.815	
n-Nitroso-di-n-propylamine	1.060	1.218	0.050	14.906	
Nitrobenzene-d5	0.440	0.500		13.636	
Hexachloroethane	0.467	0.452		-3.212	
Nitrobenzene	0.447	0.478		6.935	
Isophorone	0.843	0.892		5.813	
2-Nitrophenol	0.164	0.186		13.415	20.0
2,4-Dimethylphenol	0.225	0.318		41.333	
bis(2-Chloroethoxy)methane	0.435	0.375		-13.793	
2,4-Dichlorophenol	0.405	0.463		14.321	20.0
1,2,4-Trichlorobenzene	0.548	0.598		9.124	
Benzoic acid	0.205	0.245		19.512	
Naphthalene	1.041	0.998		-4.131	
4-Chloroaniline	0.396	0.448		13.131	
Hexachlorobutadiene	0.502	0.591		17.729	20.0
Caprolactam	0.103	0.110		6.796	
4-Chloro-3-methylphenol	0.368	0.434		17.935	20.0
2-Methylnaphthalene	0.817	0.917		12.24	
Hexachlorocyclopentadiene	0.431	0.672	0.050	55.916	
2,4,6-Trichlorophenol	0.585	0.634		8.376	20.0
2-Fluorobiphenyl	1.634	1.739		6.426	
2,4,5-Trichlorophenol	0.636	0.733		15.252	
1,1-Biphenyl	1.483	1.467		-1.079	
2-Chloronaphthalene	1.285	1.161		-9.65	
2-Nitroaniline	0.277	0.350		26.354	

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dimethylphthalate	1.552	1.647		6.121	
Acenaphthylene	1.757	1.768		0.626	
2,6-Dinitrotoluene	0.322	0.345		7.143	
3-Nitroaniline	0.257	0.257		0.0	
Acenaphthene	1.210	1.106		-8.595	20.0
2,4-Dinitrophenol	0.237	0.287	0.050	21.097	
4-Nitrophenol	0.216	0.203	0.050	-6.019	
Dibenzofuran	1.969	2.052		4.215	
2,4-Dinitrotoluene	0.452	0.517		14.381	
Diethylphthalate	1.428	1.496		4.762	
4-Chlorophenyl-phenylether	1.196	1.394		16.555	
Fluorene	1.660	1.731		4.277	
4-Nitroaniline	0.280	0.277		-1.071	
4,6-Dinitro-2-methylphenol	0.125	0.147		17.6	
n-Nitrosodiphenylamine	0.489	0.516		5.521	20.0
Azobenzene	1.408	1.272		-9.659	
2,4,6-Tribromophenol	0.466	0.573		22.961	
4-Bromophenyl-phenylether	0.282	0.316		12.057	
Hexachlorobenzene	0.330	0.340		3.03	
Atrazine	0.187	0.153		-18.182	
Pentachlorophenol	0.214	0.225		5.14	20.0
Phenanthrene	0.969	0.982		1.342	
Anthracene	0.974	1.038		6.571	
Carbazole	0.828	0.768		-7.246	
Di-n-butylphthalate	0.755	0.737		-2.384	
Fluoranthene	1.414	1.433		1.344	20.0
Benzidine	0.257	0.236		-8.171	
Pyrene	1.212	1.244		2.64	
Terphenyl-d14	1.095	1.254		14.521	
Butylbenzylphthalate	0.218	0.245		12.385	
3,3-Dichlorobenzidine	0.442	0.519		17.421	
Benzo (a) anthracene	1.343	1.401		4.319	
Chrysene	1.273	1.323		3.928	
Bis (2-ethylhexyl) phthalate	0.330	0.345		4.545	
Di-n-octyl phthalate	0.571	0.546		-4.378	20.0
Benzo (b) fluoranthene	1.235	1.207		-2.267	
Benzo (k) fluoranthene	1.198	1.200		0.167	
Benzo (a) pyrene	1.094	1.148		4.936	20.0
Indeno (1,2,3-cd) pyrene	1.427	1.366		-4.275	
Dibenzo (a,h) anthracene	1.194	1.176		-1.508	
Benzo (g,h,i) perylene	1.187	1.110		-6.487	



7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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Lab File ID: BG060099.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
1,2,4,5-Tetrachlorobenzene	1.043	1.152		10.451	
1,4-Dioxane	0.553	0.407		-26.401	20.0
2,3,4,6-Tetrachlorophenol	0.662	0.784		18.429	
1-Methylnaphthalene	0.807	0.829		2.726	

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BG122023 SAS No.: BG122023 SDG No.: BG122023
 Instrument ID: BNA_G Calibration Date/Time: 12/20/2023 : 17:44
 Lab File ID: BG060104.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.762	0.739		-3.018	
Pyridine	1.548	1.041		-32.752	
2-Fluorophenol	1.168	0.814		-30.308	
Benzaldehyde	0.999	0.929		-7.007	
Aniline	1.674	1.860		11.111	
Phenol-d6	1.643	1.425		-13.268	
Phenol	1.651	1.532		-7.208	20.0
bis(2-Chloroethyl)ether	1.182	0.903		-23.604	
2-Chlorophenol	1.107	0.928		-16.17	
1,2-Dichlorobenzene	1.482	1.264		-14.71	
1,3-Dichlorobenzene	1.481	1.249		-15.665	
1,4-Dichlorobenzene	1.541	1.293		-16.093	20.0
Benzyl Alcohol	1.321	1.659		25.587	
2-Methylphenol	1.101	1.161		5.45	
2,2-oxybis(1-Chloropropane)	2.115	1.935		-8.511	
Acetophenone	0.583	0.615		5.489	
3+4-Methylphenols	1.537	1.586		3.188	
n-Nitroso-di-n-propylamine	1.060	1.239	0.050	16.887	
Nitrobenzene-d5	0.440	0.507		15.227	
Hexachloroethane	0.467	0.412		-11.777	
Nitrobenzene	0.447	0.503		12.528	
Isophorone	0.843	0.891		5.694	
2-Nitrophenol	0.164	0.180		9.756	20.0
2,4-Dimethylphenol	0.225	0.302		34.222	
bis(2-Chloroethoxy)methane	0.435	0.379		-12.874	
2,4-Dichlorophenol	0.405	0.466		15.062	20.0
1,2,4-Trichlorobenzene	0.548	0.633		15.511	
Benzoic acid	0.205	0.191		-6.829	
Naphthalene	1.041	1.013		-2.69	
4-Chloroaniline	0.396	0.456		15.152	
Hexachlorobutadiene	0.502	0.655		30.478	20.0
Caprolactam	0.103	0.108		4.854	
4-Chloro-3-methylphenol	0.368	0.436		18.478	20.0
2-Methylnaphthalene	0.817	0.934		14.321	
Hexachlorocyclopentadiene	0.431	0.678	0.050	57.309	
2,4,6-Trichlorophenol	0.585	0.631		7.863	20.0
2-Fluorobiphenyl	1.634	1.781		8.996	
2,4,5-Trichlorophenol	0.636	0.739		16.195	
1,1-Biphenyl	1.483	1.500		1.146	
2-Chloronaphthalene	1.285	1.209		-5.914	
2-Nitroaniline	0.277	0.382		37.906	

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dimethylphthalate	1.552	1.748		12.629	
Acenaphthylene	1.757	1.816		3.358	
2,6-Dinitrotoluene	0.322	0.375		16.46	
3-Nitroaniline	0.257	0.249		-3.113	
Acenaphthene	1.210	1.113		-8.017	20.0
2,4-Dinitrophenol	0.237	0.265	0.050	11.814	
4-Nitrophenol	0.216	0.204	0.050	-5.556	
Dibenzofuran	1.969	2.146		8.989	
2,4-Dinitrotoluene	0.452	0.542		19.912	
Diethylphthalate	1.428	1.554		8.824	
4-Chlorophenyl-phenylether	1.196	1.466		22.575	
Fluorene	1.660	1.776		6.988	
4-Nitroaniline	0.280	0.284		1.429	
4,6-Dinitro-2-methylphenol	0.125	0.135		8.0	
n-Nitrosodiphenylamine	0.489	0.512		4.703	20.0
Azobenzene	1.408	1.358		-3.551	
2,4,6-Tribromophenol	0.466	0.599		28.541	
4-Bromophenyl-phenylether	0.282	0.329		16.667	
Hexachlorobenzene	0.330	0.339		2.727	
Atrazine	0.187	0.153		-18.182	
Pentachlorophenol	0.214	0.201		-6.075	20.0
Phenanthrene	0.969	0.993		2.477	
Anthracene	0.974	1.037		6.468	
Carbazole	0.828	0.776		-6.28	
Di-n-butylphthalate	0.755	0.728		-3.576	
Fluoranthene	1.414	1.523		7.709	20.0
Benzidine	0.257	0.216		-15.953	
Pyrene	1.212	1.170		-3.465	
Terphenyl-d14	1.095	1.220		11.416	
Butylbenzylphthalate	0.218	0.230		5.505	
3,3-Dichlorobenzidine	0.442	0.512		15.837	
Benzo (a) anthracene	1.343	1.388		3.351	
Chrysene	1.273	1.303		2.357	
Bis (2-ethylhexyl) phthalate	0.330	0.336		1.818	
Di-n-octyl phthalate	0.571	0.537		-5.954	20.0
Benzo (b) fluoranthene	1.235	1.194		-3.32	
Benzo (k) fluoranthene	1.198	1.220		1.836	
Benzo (a) pyrene	1.094	1.154		5.484	20.0
Indeno (1,2,3-cd) pyrene	1.427	1.471		3.083	
Dibenzo (a,h) anthracene	1.194	1.260		5.528	
Benzo (g,h,i) perylene	1.187	1.191		0.337	



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EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
1,2,4,5-Tetrachlorobenzene	1.043	1.216		16.587	
1,4-Dioxane	0.553	0.451		-18.445	20.0
2,3,4,6-Tetrachlorophenol	0.662	0.800		20.846	
1-Methylnaphthalene	0.807	0.849		5.204	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	12/18/2023 12:00:00 AM
Project:		Date Received:	12/18/2023 12:00:00 AM
Client Sample ID:	PB157861BL	SDG No.:	BG122023
Lab Sample ID:	PB157861BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060100.D	1	12/18/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157861

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	77.3	U	77.3	270	330	ug/Kg
110-86-1	Pyridine	72.4	U	72.4	130	170	ug/Kg
100-52-7	Benzaldehyde	150	U	150	270	330	ug/Kg
62-53-3	Aniline	120	U	120	130	170	ug/Kg
108-95-2	Phenol	74.4	U	74.4	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	89.8	U	89.8	130	170	ug/Kg
95-57-8	2-Chlorophenol	72	U	72	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	81.7	U	81.7	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	88.5	U	88.5	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	82.4	U	82.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	98.8	U	98.8	270	330	ug/Kg
95-48-7	2-Methylphenol	110	U	110	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	130	170	ug/Kg
98-86-2	Acetophenone	86.7	U	86.7	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	59	U	59	80	80	ug/Kg
67-72-1	Hexachloroethane	73.6	U	73.6	130	170	ug/Kg
98-95-3	Nitrobenzene	75.2	U	75.2	130	170	ug/Kg
78-59-1	Isophorone	68.1	U	68.1	130	170	ug/Kg
88-75-5	2-Nitrophenol	95.1	U	95.1	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	99.6	U	99.6	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	78.1	U	78.1	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	77.5	U	77.5	130	170	ug/Kg
65-85-0	Benzoic acid	210	U	210	270	330	ug/Kg
91-20-3	Naphthalene	81.4	U	81.4	130	170	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	84	U	84	130	170	ug/Kg
105-60-2	Caprolactam	120	U	120	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.5	U	82.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	94.9	U	94.9	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2023 12:00:00 AM
Project:		Date Received:	12/18/2023 12:00:00 AM
Client Sample ID:	PB157861BL	SDG No.:	BG122023
Lab Sample ID:	PB157861BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060100.D	1	12/18/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157861

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	210	U	210	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77.1	U	77.1	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	87.9	U	87.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	91.3	U	91.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	84.6	U	84.6	130	170	ug/Kg
88-74-4	2-Nitroaniline	99.3	U	99.3	130	170	ug/Kg
131-11-3	Dimethylphthalate	88.9	U	88.9	130	170	ug/Kg
208-96-8	Acenaphthylene	88.4	U	88.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	90	U	90	130	170	ug/Kg
99-09-2	3-Nitroaniline	93.4	U	93.4	130	170	ug/Kg
83-32-9	Acenaphthene	80.3	U	80.3	130	170	ug/Kg
Total PAH	Total PAH	1438.1	U	1438.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	270	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	270	330	ug/Kg
132-64-9	Dibenzofuran	76.9	U	76.9	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	99.9	U	99.9	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	89.9	U	189.9	130	340	ug/Kg
84-66-2	Diethylphthalate	85.9	U	85.9	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.4	U	90.4	130	170	ug/Kg
86-73-7	Fluorene	84.8	U	84.8	130	170	ug/Kg
100-01-6	4-Nitroaniline	100	U	100	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87.8	U	87.8	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	93.3	U	93.3	130	170	ug/Kg
103-33-3	Azobenzene	73.5	U	73.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	97.4	U	97.4	130	170	ug/Kg
118-74-1	Hexachlorobenzene	98.8	U	98.8	130	170	ug/Kg
1912-24-9	Atrazine	95.4	U	95.4	130	170	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	270	330	ug/Kg
85-01-8	Phenanthrene	92.7	U	92.7	130	170	ug/Kg
120-12-7	Anthracene	100	U	100	130	170	ug/Kg
86-74-8	Carbazole	84.9	U	84.9	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	130	170	ug/Kg
206-44-0	Fluoranthene	94.4	U	94.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/18/2023 12:00:00 AM
Project:		Date Received:	12/18/2023 12:00:00 AM
Client Sample ID:	PB157861BL	SDG No.:	BG122023
Lab Sample ID:	PB157861BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060100.D	1	12/18/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157861

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	190	U	190	270	330	ug/Kg
129-00-0	Pyrene	83.7	U	83.7	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	83.9	U	83.9	130	170	ug/Kg
218-01-9	Chrysene	86.8	U	86.8	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	80.3	U	80.3	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	88.1	U	88.1	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	94.3	U	94.3	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	96.5	U	96.5	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	92.5	U	92.5	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	89.4	U	89.4	130	170	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	82.9	U	82.9	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	90.2	U	90.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	110.21		18-112		73	SPK: -150
13127-88-3	Phenol-d6	119.419		15-107		80	SPK: -150
4165-60-0	Nitrobenzene-d5	88.858		18-107		89	SPK: -100
321-60-8	2-Fluorobiphenyl	85.651		20-109		86	SPK: -100
118-79-6	2,4,6-Tribromophenol	165.743		10-110		110	SPK: -150
1718-51-0	Terphenyl-d14	89.374		14-112		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44140	7.95				
1146-65-2	Naphthalene-d8	161412	10.752				
15067-26-2	Acenaphthene-d10	163009	14.589				
1517-22-2	Phenanthrene-d10	597647	17.339				
1719-03-5	Chrysene-d12	774439	21.604				
1520-96-3	Perylene-d12	799781	24.794				



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Report of Analysis

Client:		Date Collected:	12/18/2023 12:00:00 AM
Project:		Date Received:	12/18/2023 12:00:00 AM
Client Sample ID:	PB157861BL	SDG No.:	BG122023
Lab Sample ID:	PB157861BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BG060100.D	1	12/18/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157861

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

Client:		Date Collected:	12/14/2023 12:00:00 AM
Project:		Date Received:	12/14/2023 12:00:00 AM
Client Sample ID:	SOUTH-WALL	SDG No.:	BG122023
Lab Sample ID:	O5853-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.5
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060101.D	1	12/15/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157810

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.3	U	86.3	300	370	ug/Kg
110-86-1	Pyridine	80.8	U	80.8	150	190	ug/Kg
100-52-7	Benzaldehyde	170	U	170	300	370	ug/Kg
62-53-3	Aniline	130	U	130	150	190	ug/Kg
108-95-2	Phenol	83	U	83	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	150	190	ug/Kg
95-57-8	2-Chlorophenol	80.3	U	80.3	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	91.2	U	91.2	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	98.8	U	98.8	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	91.9	U	91.9	150	190	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	300	370	ug/Kg
95-48-7	2-Methylphenol	130	U	130	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	150	190	ug/Kg
98-86-2	Acetophenone	96.7	U	96.7	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	120	U	120	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	65.8	U	65.8	89.3	89.3	ug/Kg
67-72-1	Hexachloroethane	82.1	U	82.1	150	190	ug/Kg
98-95-3	Nitrobenzene	83.9	U	83.9	150	190	ug/Kg
78-59-1	Isophorone	76	U	76	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	87.1	U	87.1	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	86.5	U	86.5	150	190	ug/Kg
65-85-0	Benzoic acid	240	U	240	300	370	ug/Kg
91-20-3	Naphthalene	90.8	U	90.8	150	190	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	93.7	U	93.7	150	190	ug/Kg
105-60-2	Caprolactam	130	U	130	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	92.1	U	92.1	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/14/2023 12:00:00 AM
Project:		Date Received:	12/14/2023 12:00:00 AM
Client Sample ID:	SOUTH-WALL	SDG No.:	BG122023
Lab Sample ID:	O5853-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.5
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060101.D	1	12/15/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157810

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	230	U	230	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	86	U	86	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	98.1	U	98.1	150	190	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	94.4	U	94.4	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	99.2	U	99.2	150	190	ug/Kg
208-96-8	Acenaphthylene	98.6	U	98.6	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	150	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	190	ug/Kg
83-32-9	Acenaphthene	89.6	U	89.6	150	190	ug/Kg
Total PAH	Total PAH	4940	U	1605.4	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	200	U	200	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	85.8	U	85.8	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	150	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	150	190	ug/Kg
84-66-2	Diethylphthalate	95.8	U	95.8	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	190	ug/Kg
86-73-7	Fluorene	94.6	U	94.6	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	98	U	98	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	150	190	ug/Kg
103-33-3	Azobenzene	82	U	82	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	150	190	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	150	190	ug/Kg
1912-24-9	Atrazine	110	U	110	150	190	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	300	370	ug/Kg
85-01-8	Phenanthrene	770		100	150	190	ug/Kg
120-12-7	Anthracene	150	J	110	150	190	ug/Kg
86-74-8	Carbazole	110	J	94.7	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	150	190	ug/Kg
206-44-0	Fluoranthene	960		110	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/14/2023 12:00:00 AM
Project:		Date Received:	12/14/2023 12:00:00 AM
Client Sample ID:	SOUTH-WALL	SDG No.:	BG122023
Lab Sample ID:	O5853-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.5
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060101.D	1	12/15/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157810

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	220	U	220	300	370	ug/Kg
129-00-0	Pyrene	780		93.4	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	180	U	180	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	410		93.6	150	190	ug/Kg
218-01-9	Chrysene	390		96.9	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	460		89.6	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	J	98.3	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	380		110	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220		120	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	250		100	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	99.8	U	99.8	150	190	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	92.5	U	92.5	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	64.121		18-112		43	SPK: -150
13127-88-3	Phenol-d6	68.465		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	57.278		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	55.411		20-109		55	SPK: -100
118-79-6	2,4,6-Tribromophenol	92.83		10-110		62	SPK: -150
1718-51-0	Terphenyl-d14	59.433		14-112		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57818	7.95				
1146-65-2	Naphthalene-d8	204222	10.758				
15067-26-2	Acenaphthene-d10	190289	14.589				
1517-22-2	Phenanthrene-d10	556822	17.339				
1719-03-5	Chrysene-d12	642608	21.61				
1520-96-3	Perylene-d12	737353	24.795				



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Report of Analysis

Client:		Date Collected:	12/14/2023 12:00:00 AM
Project:		Date Received:	12/14/2023 12:00:00 AM
Client Sample ID:	SOUTH-WALL	SDG No.:	BG122023
Lab Sample ID:	O5853-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.5
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BG060101.D	1	12/15/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157810

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

Client:		Date Collected:	12/14/2023 12:00:00 AM
Project:		Date Received:	12/14/2023 12:00:00 AM
Client Sample ID:	EAST-WALL	SDG No.:	BG122023
Lab Sample ID:	O5853-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060102.D	1	12/15/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157810

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.7	U	86.7	300	370	ug/Kg
110-86-1	Pyridine	81.2	U	81.2	150	190	ug/Kg
100-52-7	Benzaldehyde	170	U	170	300	370	ug/Kg
62-53-3	Aniline	130	U	130	150	190	ug/Kg
108-95-2	Phenol	83.4	U	83.4	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	150	190	ug/Kg
95-57-8	2-Chlorophenol	80.7	U	80.7	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	91.6	U	91.6	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	99.2	U	99.2	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	92.4	U	92.4	150	190	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	300	370	ug/Kg
95-48-7	2-Methylphenol	130	U	130	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	150	190	ug/Kg
98-86-2	Acetophenone	97.2	U	97.2	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	120	U	120	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	66.2	U	66.2	89.7	89.7	ug/Kg
67-72-1	Hexachloroethane	82.5	U	82.5	150	190	ug/Kg
98-95-3	Nitrobenzene	84.3	U	84.3	150	190	ug/Kg
78-59-1	Isophorone	76.4	U	76.4	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	U	130	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	87.6	U	87.6	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	86.9	U	86.9	150	190	ug/Kg
65-85-0	Benzoic acid	240	U	240	300	370	ug/Kg
91-20-3	Naphthalene	91.3	U	91.3	150	190	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	94.2	U	94.2	150	190	ug/Kg
105-60-2	Caprolactam	130	U	130	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	92.5	U	92.5	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/14/2023 12:00:00 AM
Project:		Date Received:	12/14/2023 12:00:00 AM
Client Sample ID:	EAST-WALL	SDG No.:	BG122023
Lab Sample ID:	O5853-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060102.D	1	12/15/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157810

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	240	U	240	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	86.5	U	86.5	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	98.6	U	98.6	150	190	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	94.9	U	94.9	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	99.7	U	99.7	150	190	ug/Kg
208-96-8	Acenaphthylene	99.1	U	99.1	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	150	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	190	ug/Kg
83-32-9	Acenaphthene	90	U	90	150	190	ug/Kg
Total PAH	Total PAH	3040	U	1609.6	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	200	U	200	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	86.2	U	86.2	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	150	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	150	190	ug/Kg
84-66-2	Diethylphthalate	96.3	U	96.3	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	190	ug/Kg
86-73-7	Fluorene	95.1	U	95.1	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	98.5	U	98.5	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	150	190	ug/Kg
103-33-3	Azobenzene	82.4	U	82.4	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	150	190	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	150	190	ug/Kg
1912-24-9	Atrazine	110	U	110	150	190	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	300	370	ug/Kg
85-01-8	Phenanthrene	390		100	150	190	ug/Kg
120-12-7	Anthracene	110	J	110	150	190	ug/Kg
86-74-8	Carbazole	95.2	U	95.2	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	150	190	ug/Kg
206-44-0	Fluoranthene	550		110	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/14/2023 12:00:00 AM
Project:		Date Received:	12/14/2023 12:00:00 AM
Client Sample ID:	EAST-WALL	SDG No.:	BG122023
Lab Sample ID:	O5853-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060102.D	1	12/15/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157810

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	220	U	220	300	370	ug/Kg
129-00-0	Pyrene	480		93.9	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	180	U	180	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	300		94.1	150	190	ug/Kg
218-01-9	Chrysene	260		97.3	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	310		90	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	98.8	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	250		110	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	120	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	J	100	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	190	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	93	U	93	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	64.751		18-112		43	SPK: -150
13127-88-3	Phenol-d6	72.934		15-107		49	SPK: -150
4165-60-0	Nitrobenzene-d5	58.469		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	56.594		20-109		57	SPK: -100
118-79-6	2,4,6-Tribromophenol	94.59		10-110		63	SPK: -150
1718-51-0	Terphenyl-d14	58.621		14-112		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53343	7.951				
1146-65-2	Naphthalene-d8	187199	10.754				
15067-26-2	Acenaphthene-d10	179819	14.591				
1517-22-2	Phenanthrene-d10	522799	17.334				
1719-03-5	Chrysene-d12	602278	21.606				
1520-96-3	Perylene-d12	696350	24.796				



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Report of Analysis

Client:		Date Collected:	12/14/2023 12:00:00 AM
Project:		Date Received:	12/14/2023 12:00:00 AM
Client Sample ID:	EAST-WALL	SDG No.:	BG122023
Lab Sample ID:	O5853-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BG060102.D	1	12/15/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157810

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

Client:		Date Collected:	12/1/2023 12:00:00 AM
Project:		Date Received:	12/1/2023 12:00:00 AM
Client Sample ID:	PB157507BL	SDG No.:	BG122023
Lab Sample ID:	PB157507BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060105.D	1	12/1/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2	U	2	8	10	ug/L
110-86-1	Pyridine	1.8	U	1.8	4	5	ug/L
100-52-7	Benzaldehyde	3.3	U	3.3	8	10	ug/L
62-53-3	Aniline	2.4	U	2.4	4	5	ug/L
108-95-2	Phenol	1.5	U	1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.7	U	1.7	4	5	ug/L
95-57-8	2-Chlorophenol	1.4	U	1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	1.7	U	1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	1.4	U	1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	2.4	U	2.4	8	10	ug/L
95-48-7	2-Methylphenol	2.1	U	2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.3	U	2.3	4	5	ug/L
98-86-2	Acetophenone	1.8	U	1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	2.2	U	2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1.6	U	1.6	4	5	ug/L
98-95-3	Nitrobenzene	1.7	U	1.7	4	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	4	5	ug/L
88-75-5	2-Nitrophenol	2.4	U	2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	3	U	3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	2	U	2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	1.7	U	1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.7	U	1.7	4	5	ug/L
65-85-0	Benzoic acid	6.7	U	6.7	8	10	ug/L
91-20-3	Naphthalene	1.7	U	1.7	4	5	ug/L
106-47-8	4-Chloroaniline	2.5	U	2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.9	U	1.9	4	5	ug/L
105-60-2	Caprolactam	3.4	U	3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.8	U	1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	2.2	U	2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	12/1/2023 12:00:00 AM
Project:		Date Received:	12/1/2023 12:00:00 AM
Client Sample ID:	PB157507BL	SDG No.:	BG122023
Lab Sample ID:	PB157507BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060105.D	1	12/1/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.7	U	5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	1.8	U	1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	4	5	ug/L
88-74-4	2-Nitroaniline	2.4	U	2.4	4	5	ug/L
131-11-3	Dimethylphthalate	1.9	U	1.9	4	5	ug/L
208-96-8	Acenaphthylene	2.1	U	2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	4	5	ug/L
99-09-2	3-Nitroaniline	2.4	U	2.4	4	5	ug/L
83-32-9	Acenaphthene	1.7	U	1.7	4	5	ug/L
Total PAH	Total PAH	31	U	31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	5.5	U	5.5	8	10	ug/L
100-02-7	4-Nitrophenol	2.8	U	2.8	8	10	ug/L
132-64-9	Dibenzofuran	1.6	U	1.6	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	2.5	U	2.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4.6	U	4.6	4	10	ug/L
84-66-2	Diethylphthalate	2.1	U	2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	2.2	4	5	ug/L
86-73-7	Fluorene	2	U	2	4	5	ug/L
100-01-6	4-Nitroaniline	2.3	U	2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.8	U	1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	2	U	2	4	5	ug/L
103-33-3	Azobenzene	1.6	U	1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	2	U	2	4	5	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	4	5	ug/L
1912-24-9	Atrazine	3.5	U	3.5	4	5	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	8	10	ug/L
85-01-8	Phenanthrene	2	U	2	4	5	ug/L
120-12-7	Anthracene	2.3	U	2.3	4	5	ug/L
86-74-8	Carbazole	1.7	U	1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	2.4	U	2.4	4	5	ug/L
206-44-0	Fluoranthene	2.1	U	2.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	12/1/2023 12:00:00 AM
Project:		Date Received:	12/1/2023 12:00:00 AM
Client Sample ID:	PB157507BL	SDG No.:	BG122023
Lab Sample ID:	PB157507BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060105.D	1	12/1/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	6.6	U	6.6	8	10	ug/L
129-00-0	Pyrene	1.9	U	1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	5.4	U	5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4	5	ug/L
218-01-9	Chrysene	1.6	U	1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.9	U	2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	3.1	U	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	2.7	U	2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	U	2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4	5	ug/L
123-91-1	1,4-Dioxane	2.4	U	2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	102.735		10-139		68	SPK: -150
13127-88-3	Phenol-d6	109.521		10-134		73	SPK: -150
4165-60-0	Nitrobenzene-d5	92.022		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	84.82		52-132		85	SPK: -100
118-79-6	2,4,6-Tribromophenol	177.479		32-145		118	SPK: -150
1718-51-0	Terphenyl-d14	90.616		36-145		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	30174	7.947				
1146-65-2	Naphthalene-d8	105131	10.756				
15067-26-2	Acenaphthene-d10	111901	14.58				
1517-22-2	Phenanthrene-d10	449789	17.33				
1719-03-5	Chrysene-d12	621204	21.602				
1520-96-3	Perylene-d12	710519	24.792				



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Report of Analysis

Client:		Date Collected:	12/1/2023 12:00:00 AM
Project:		Date Received:	12/1/2023 12:00:00 AM
Client Sample ID:	PB157507BL	SDG No.:	BG122023
Lab Sample ID:	PB157507BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060105.D	1	12/1/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157507

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

Client:		Date Collected:	12/13/2023 12:00:00 AM
Project:		Date Received:	12/13/2023 12:00:00 AM
Client Sample ID:	MW-14DL2	SDG No.:	BG122023
Lab Sample ID:	O5829-10DL2	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	480 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060106.D	20	12/14/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157801

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	84.2	U	84.2	330	420	ug/L
110-86-1	Pyridine	74.2	U	74.2	170	210	ug/L
100-52-7	Benzaldehyde	140	U	140	330	420	ug/L
62-53-3	Aniline	100	U	100	170	210	ug/L
108-95-2	Phenol	61.7	U	61.7	170	210	ug/L
111-44-4	bis(2-Chloroethyl)ether	68.8	U	68.8	170	210	ug/L
95-57-8	2-Chlorophenol	56.3	U	56.3	170	210	ug/L
95-50-1	1,2-Dichlorobenzene	52.1	U	52.1	170	210	ug/L
541-73-1	1,3-Dichlorobenzene	72.5	U	72.5	170	210	ug/L
106-46-7	1,4-Dichlorobenzene	59.6	U	59.6	170	210	ug/L
100-51-6	Benzyl Alcohol	99.2	U	99.2	330	420	ug/L
95-48-7	2-Methylphenol	85.8	U	85.8	170	210	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	94.2	U	94.2	170	210	ug/L
98-86-2	Acetophenone	74.6	U	74.6	170	210	ug/L
65794-96-9	3+4-Methylphenols	90	U	90	330	420	ug/L
621-64-7	n-Nitroso-di-n-propylamine	82.5	U	82.5	100	100	ug/L
67-72-1	Hexachloroethane	68.3	U	68.3	170	210	ug/L
98-95-3	Nitrobenzene	71.7	U	71.7	170	210	ug/L
78-59-1	Isophorone	71.3	U	71.3	170	210	ug/L
88-75-5	2-Nitrophenol	99.2	U	99.2	170	210	ug/L
105-67-9	2,4-Dimethylphenol	120	U	120	170	210	ug/L
111-91-1	bis(2-Chloroethoxy)methane	85	U	85	170	210	ug/L
120-83-2	2,4-Dichlorophenol	70.4	U	70.4	170	210	ug/L
120-82-1	1,2,4-Trichlorobenzene	70.8	U	70.8	170	210	ug/L
65-85-0	Benzoic acid	280	U	280	330	420	ug/L
91-20-3	Naphthalene	1700	D	70.4	170	210	ug/L
106-47-8	4-Chloroaniline	110	U	110	170	210	ug/L
87-68-3	Hexachlorobutadiene	80.4	U	80.4	170	210	ug/L
105-60-2	Caprolactam	140	U	140	330	420	ug/L
59-50-7	4-Chloro-3-methylphenol	72.9	U	72.9	170	210	ug/L
91-57-6	2-Methylnaphthalene	330	D	92.9	170	210	ug/L

Report of Analysis

Client:		Date Collected:	12/13/2023 12:00:00 AM
Project:		Date Received:	12/13/2023 12:00:00 AM
Client Sample ID:	MW-14DL2	SDG No.:	BG122023
Lab Sample ID:	O5829-10DL2	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	480 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060106.D	20	12/14/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157801

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	240	U	240	330	420	ug/L
88-06-2	2,4,6-Trichlorophenol	63.3	U	63.3	170	210	ug/L
95-95-4	2,4,5-Trichlorophenol	65.4	U	65.4	170	210	ug/L
92-52-4	1,1-Biphenyl	74.6	U	74.6	170	210	ug/L
91-58-7	2-Chloronaphthalene	66.3	U	66.3	170	210	ug/L
88-74-4	2-Nitroaniline	98.8	U	98.8	170	210	ug/L
131-11-3	Dimethylphthalate	78.3	U	78.3	170	210	ug/L
208-96-8	Acenaphthylene	89.2	U	89.2	170	210	ug/L
606-20-2	2,6-Dinitrotoluene	87.5	U	87.5	170	210	ug/L
99-09-2	3-Nitroaniline	98.3	U	98.3	170	210	ug/L
83-32-9	Acenaphthene	87.5	JD	71.7	170	210	ug/L
Total PAH	Total PAH	1787.5	JD	1285	170	3360	ug/L
51-28-5	2,4-Dinitrophenol	230	U	230	330	420	ug/L
100-02-7	4-Nitrophenol	120	U	120	330	420	ug/L
132-64-9	Dibenzofuran	65.8	U	65.8	170	210	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	197.5	U	197.5	170	420	ug/L
121-14-2	2,4-Dinitrotoluene	110	U	110	170	210	ug/L
84-66-2	Diethylphthalate	85.4	U	85.4	170	210	ug/L
7005-72-3	4-Chlorophenyl-phenylether	92.5	U	92.5	170	210	ug/L
86-73-7	Fluorene	85	U	85	170	210	ug/L
100-01-6	4-Nitroaniline	97.5	U	97.5	170	210	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	75	U	75	330	420	ug/L
86-30-6	n-Nitrosodiphenylamine	81.3	U	81.3	170	210	ug/L
103-33-3	Azobenzene	68.3	U	68.3	170	210	ug/L
101-55-3	4-Bromophenyl-phenylether	81.3	U	81.3	170	210	ug/L
118-74-1	Hexachlorobenzene	79.6	U	79.6	170	210	ug/L
1912-24-9	Atrazine	150	U	150	170	210	ug/L
87-86-5	Pentachlorophenol	110	U	110	330	420	ug/L
85-01-8	Phenanthrene	83.3	U	83.3	170	210	ug/L
120-12-7	Anthracene	95	U	95	170	210	ug/L
86-74-8	Carbazole	70.8	U	70.8	170	210	ug/L
84-74-2	Di-n-butylphthalate	100	U	100	170	210	ug/L
206-44-0	Fluoranthene	85.4	U	85.4	170	210	ug/L

Report of Analysis

Client:		Date Collected:	12/13/2023 12:00:00 AM
Project:		Date Received:	12/13/2023 12:00:00 AM
Client Sample ID:	MW-14DL2	SDG No.:	BG122023
Lab Sample ID:	O5829-10DL2	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	480 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060106.D	20	12/14/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157801

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	270	U	270	330	420	ug/L
129-00-0	Pyrene	78.8	U	78.8	170	210	ug/L
85-68-7	Butylbenzylphthalate	120	U	120	170	210	ug/L
91-94-1	3,3-Dichlorobenzidine	220	U	220	330	420	ug/L
56-55-3	Benzo(a)anthracene	60.4	U	60.4	170	210	ug/L
218-01-9	Chrysene	65.4	U	65.4	170	210	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	210	ug/L
117-84-0	Di-n-octyl phthalate	130	U	130	330	420	ug/L
205-99-2	Benzo(b)fluoranthene	62.5	U	62.5	170	210	ug/L
207-08-9	Benzo(k)fluoranthene	77.9	U	77.9	170	210	ug/L
50-32-8	Benzo(a)pyrene	110	U	110	170	210	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	87.1	U	87.1	170	210	ug/L
53-70-3	Dibenzo(a,h)anthracene	82.5	U	82.5	170	210	ug/L
191-24-2	Benzo(g,h,i)perylene	80.4	U	80.4	170	210	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	85.8	U	85.8	170	210	ug/L
123-91-1	1,4-Dioxane	100	U	100	170	210	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	54.6	U	54.6	170	210	ug/L
90-12-0	1-Methylnaphthalene	480	D	86.7	170	210	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	64.82		10-139		43	SPK: -150
13127-88-3	Phenol-d6	58.08		10-134		39	SPK: -150
4165-60-0	Nitrobenzene-d5	111.14		49-133		111	SPK: -100
321-60-8	2-Fluorobiphenyl	103.96		52-132		104	SPK: -100
118-79-6	2,4,6-Tribromophenol	198.56		32-145		132	SPK: -150
1718-51-0	Terphenyl-d14	123.1		36-145		123	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	28471	7.941				
1146-65-2	Naphthalene-d8	109655	10.75				
15067-26-2	Acenaphthene-d10	125609	14.587				
1517-22-2	Phenanthrene-d10	473941	17.33				
1719-03-5	Chrysene-d12	653021	21.602				
1520-96-3	Perylene-d12	752635	24.786				



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	12/13/2023 12:00:00 AM
Project:		Date Received:	12/13/2023 12:00:00 AM
Client Sample ID:	MW-14DL2	SDG No.:	BG122023
Lab Sample ID:	O5829-10DL2	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	480	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Injection Volume :		Decanted :	Level : LOW
		GPC Factor :	Level : LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060106.D	20	12/14/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157801

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

Client:		Date Collected:	12/15/2023 12:00:00 AM
Project:		Date Received:	12/15/2023 12:00:00 AM
Client Sample ID:	EO-02-121523	SDG No.:	BG122023
Lab Sample ID:	O5883-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060107.D	5	12/18/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157861

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	270	U	270	930	1100	ug/Kg
110-86-1	Pyridine	250	U	250	450	580	ug/Kg
100-52-7	Benzaldehyde	510	U	510	930	1100	ug/Kg
62-53-3	Aniline	400	U	400	450	580	ug/Kg
108-95-2	Phenol	260	U	260	450	580	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	310	U	310	450	580	ug/Kg
95-57-8	2-Chlorophenol	250	U	250	450	580	ug/Kg
95-50-1	1,2-Dichlorobenzene	280	U	280	450	580	ug/Kg
541-73-1	1,3-Dichlorobenzene	300	U	300	450	580	ug/Kg
106-46-7	1,4-Dichlorobenzene	280	U	280	450	580	ug/Kg
100-51-6	Benzyl Alcohol	340	U	340	930	1100	ug/Kg
95-48-7	2-Methylphenol	390	U	390	450	580	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	360	U	360	450	580	ug/Kg
98-86-2	Acetophenone	300	U	300	450	580	ug/Kg
65794-96-9	3+4-Methylphenols	370	U	370	930	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	200	U	200	270	270	ug/Kg
67-72-1	Hexachloroethane	250	U	250	450	580	ug/Kg
98-95-3	Nitrobenzene	260	U	260	450	580	ug/Kg
78-59-1	Isophorone	230	U	230	450	580	ug/Kg
88-75-5	2-Nitrophenol	330	U	330	450	580	ug/Kg
105-67-9	2,4-Dimethylphenol	340	U	340	450	580	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	380	U	380	450	580	ug/Kg
120-83-2	2,4-Dichlorophenol	270	U	270	450	580	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	270	U	270	450	580	ug/Kg
65-85-0	Benzoic acid	740	U	740	930	1100	ug/Kg
91-20-3	Naphthalene	280	U	280	450	580	ug/Kg
106-47-8	4-Chloroaniline	360	U	360	450	580	ug/Kg
87-68-3	Hexachlorobutadiene	290	U	290	450	580	ug/Kg
105-60-2	Caprolactam	400	U	400	930	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	280	U	280	450	580	ug/Kg
91-57-6	2-Methylnaphthalene	330	U	330	450	580	ug/Kg

Report of Analysis

Client:		Date Collected:	12/15/2023 12:00:00 AM
Project:		Date Received:	12/15/2023 12:00:00 AM
Client Sample ID:	EO-02-121523	SDG No.:	BG122023
Lab Sample ID:	O5883-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060107.D	5	12/18/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157861

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	720	U	720	930	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	260	U	260	450	580	ug/Kg
95-95-4	2,4,5-Trichlorophenol	300	U	300	450	580	ug/Kg
92-52-4	1,1-Biphenyl	310	U	310	450	580	ug/Kg
91-58-7	2-Chloronaphthalene	290	U	290	450	580	ug/Kg
88-74-4	2-Nitroaniline	340	U	340	450	580	ug/Kg
131-11-3	Dimethylphthalate	310	U	310	450	580	ug/Kg
208-96-8	Acenaphthylene	300	U	300	450	580	ug/Kg
606-20-2	2,6-Dinitrotoluene	310	U	310	450	580	ug/Kg
99-09-2	3-Nitroaniline	320	U	320	450	580	ug/Kg
83-32-9	Acenaphthene	280	U	280	450	580	ug/Kg
Total PAH	Total PAH	4940	U	4940	450	9280	ug/Kg
51-28-5	2,4-Dinitrophenol	620	U	620	930	1100	ug/Kg
100-02-7	4-Nitrophenol	390	U	390	930	1100	ug/Kg
132-64-9	Dibenzofuran	260	U	260	450	580	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	650	U	650	450	1160	ug/Kg
121-14-2	2,4-Dinitrotoluene	340	U	340	450	580	ug/Kg
84-66-2	Diethylphthalate	300	U	300	450	580	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	310	U	310	450	580	ug/Kg
86-73-7	Fluorene	290	U	290	450	580	ug/Kg
100-01-6	4-Nitroaniline	360	U	360	450	580	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	300	U	300	930	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	320	U	320	450	580	ug/Kg
103-33-3	Azobenzene	250	U	250	450	580	ug/Kg
101-55-3	4-Bromophenyl-phenylether	330	U	330	450	580	ug/Kg
118-74-1	Hexachlorobenzene	340	U	340	450	580	ug/Kg
1912-24-9	Atrazine	330	U	330	450	580	ug/Kg
87-86-5	Pentachlorophenol	380	U	380	930	1100	ug/Kg
85-01-8	Phenanthrene	320	U	320	450	580	ug/Kg
120-12-7	Anthracene	350	U	350	450	580	ug/Kg
86-74-8	Carbazole	290	U	290	450	580	ug/Kg
84-74-2	Di-n-butylphthalate	360	U	360	450	580	ug/Kg
206-44-0	Fluoranthene	490	J	320	450	580	ug/Kg

Report of Analysis

Client:		Date Collected:	12/15/2023 12:00:00 AM
Project:		Date Received:	12/15/2023 12:00:00 AM
Client Sample ID:	EO-02-121523	SDG No.:	BG122023
Lab Sample ID:	O5883-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060107.D	5	12/18/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157861

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	660	U	660	930	1100	ug/Kg
129-00-0	Pyrene	580		290	450	580	ug/Kg
85-68-7	Butylbenzylphthalate	350	U	350	450	580	ug/Kg
91-94-1	3,3-Dichlorobenzidine	550	U	550	930	1100	ug/Kg
56-55-3	Benzo(a)anthracene	290	U	290	450	580	ug/Kg
218-01-9	Chrysene	300	U	300	450	580	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	400	U	400	450	580	ug/Kg
117-84-0	Di-n-octyl phthalate	420	U	420	930	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	300	J	280	450	580	ug/Kg
207-08-9	Benzo(k)fluoranthene	300	U	300	450	580	ug/Kg
50-32-8	Benzo(a)pyrene	320	U	320	450	580	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	370	U	370	450	580	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	330	U	330	450	580	ug/Kg
191-24-2	Benzo(g,h,i)perylene	320	U	320	450	580	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	310	U	310	450	580	ug/Kg
123-91-1	1,4-Dioxane	400	U	400	450	580	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	280	U	280	450	580	ug/Kg
90-12-0	1-Methylnaphthalene	310	U	310	580	580	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	59.44		18-112		40	SPK: -150
13127-88-3	Phenol-d6	64.525		15-107		43	SPK: -150
4165-60-0	Nitrobenzene-d5	58.765		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	54.62		20-109		55	SPK: -100
118-79-6	2,4,6-Tribromophenol	86.46		10-110		58	SPK: -150
1718-51-0	Terphenyl-d14	56.115		14-112		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	50598	7.95				
1146-65-2	Naphthalene-d8	170740	10.752				
15067-26-2	Acenaphthene-d10	154383	14.583				
1517-22-2	Phenanthrene-d10	470968	17.333				
1719-03-5	Chrysene-d12	621408	21.604				
1520-96-3	Perylene-d12	733530	24.789				

Report of Analysis

Client:		Date Collected:	12/15/2023 12:00:00 AM
Project:		Date Received:	12/15/2023 12:00:00 AM
Client Sample ID:	EO-02-121523	SDG No.:	BG122023
Lab Sample ID:	O5883-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060107.D	5	12/18/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157861

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
1000309-37-7	Oxalic acid, dodecyl isobutyl este	340	J			12.162	
055162-61-3	Tetracontane, 3,5,24-trimethyl-	280	J			13.402	
000629-62-9	Pentadecane	360	J			14.477	
000544-76-3	Hexadecane	330	J			15.429	
017302-23-7	Nonane, 4,5-dimethyl-	300	J			16.293	
013058-52-1	Methyl 9-cis,11-trans-octadecadien	840	J			19.142	
	unknown19.172	360	J			19.172	

Report of Analysis

Client:		Date Collected:	12/15/2023 12:00:00 AM
Project:		Date Received:	12/15/2023 12:00:00 AM
Client Sample ID:	TR-04-121523	SDG No.:	BG122023
Lab Sample ID:	O5882-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060108.D	10	12/18/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157861

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	540	U	540	1900	2300	ug/Kg
110-86-1	Pyridine	500	U	500	910	1200	ug/Kg
100-52-7	Benzaldehyde	1000	U	1000	1900	2300	ug/Kg
62-53-3	Aniline	810	U	810	910	1200	ug/Kg
108-95-2	Phenol	520	U	520	910	1200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	630	U	630	910	1200	ug/Kg
95-57-8	2-Chlorophenol	500	U	500	910	1200	ug/Kg
95-50-1	1,2-Dichlorobenzene	570	U	570	910	1200	ug/Kg
541-73-1	1,3-Dichlorobenzene	620	U	620	910	1200	ug/Kg
106-46-7	1,4-Dichlorobenzene	570	U	570	910	1200	ug/Kg
100-51-6	Benzyl Alcohol	690	U	690	1900	2300	ug/Kg
95-48-7	2-Methylphenol	790	U	790	910	1200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	730	U	730	910	1200	ug/Kg
98-86-2	Acetophenone	600	U	600	910	1200	ug/Kg
65794-96-9	3+4-Methylphenols	750	U	750	1900	2300	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	410	U	410	560	560	ug/Kg
67-72-1	Hexachloroethane	510	U	510	910	1200	ug/Kg
98-95-3	Nitrobenzene	520	U	520	910	1200	ug/Kg
78-59-1	Isophorone	470	U	470	910	1200	ug/Kg
88-75-5	2-Nitrophenol	660	U	660	910	1200	ug/Kg
105-67-9	2,4-Dimethylphenol	690	U	690	910	1200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	780	U	780	910	1200	ug/Kg
120-83-2	2,4-Dichlorophenol	540	U	540	910	1200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	540	U	540	910	1200	ug/Kg
65-85-0	Benzoic acid	1500	U	1500	1900	2300	ug/Kg
91-20-3	Naphthalene	570	U	570	910	1200	ug/Kg
106-47-8	4-Chloroaniline	730	U	730	910	1200	ug/Kg
87-68-3	Hexachlorobutadiene	590	U	590	910	1200	ug/Kg
105-60-2	Caprolactam	810	U	810	1900	2300	ug/Kg
59-50-7	4-Chloro-3-methylphenol	570	U	570	910	1200	ug/Kg
91-57-6	2-Methylnaphthalene	660	U	660	910	1200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/15/2023 12:00:00 AM
Project:		Date Received:	12/15/2023 12:00:00 AM
Client Sample ID:	TR-04-121523	SDG No.:	BG122023
Lab Sample ID:	O5882-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060108.D	10	12/18/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157861

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	1500	U	1500	1900	2300	ug/Kg
88-06-2	2,4,6-Trichlorophenol	540	U	540	910	1200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	610	U	610	910	1200	ug/Kg
92-52-4	1,1-Biphenyl	640	U	640	910	1200	ug/Kg
91-58-7	2-Chloronaphthalene	590	U	590	910	1200	ug/Kg
88-74-4	2-Nitroaniline	690	U	690	910	1200	ug/Kg
131-11-3	Dimethylphthalate	620	U	620	910	1200	ug/Kg
208-96-8	Acenaphthylene	620	U	620	910	1200	ug/Kg
606-20-2	2,6-Dinitrotoluene	630	U	630	910	1200	ug/Kg
99-09-2	3-Nitroaniline	650	U	650	910	1200	ug/Kg
83-32-9	Acenaphthene	560	U	560	910	1200	ug/Kg
Total PAH	Total PAH	14840	U	10010	910	19200	ug/Kg
51-28-5	2,4-Dinitrophenol	1300	U	1300	1900	2300	ug/Kg
100-02-7	4-Nitrophenol	790	U	790	1900	2300	ug/Kg
132-64-9	Dibenzofuran	540	U	540	910	1200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	330	U	1330	910	2400	ug/Kg
121-14-2	2,4-Dinitrotoluene	700	U	700	910	1200	ug/Kg
84-66-2	Diethylphthalate	600	U	600	910	1200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	630	U	630	910	1200	ug/Kg
86-73-7	Fluorene	590	U	590	910	1200	ug/Kg
100-01-6	4-Nitroaniline	720	U	720	910	1200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	610	U	610	1900	2300	ug/Kg
86-30-6	n-Nitrosodiphenylamine	650	U	650	910	1200	ug/Kg
103-33-3	Azobenzene	510	U	510	910	1200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	680	U	680	910	1200	ug/Kg
118-74-1	Hexachlorobenzene	690	U	690	910	1200	ug/Kg
1912-24-9	Atrazine	660	U	660	910	1200	ug/Kg
87-86-5	Pentachlorophenol	770	U	770	1900	2300	ug/Kg
85-01-8	Phenanthrene	1400		650	910	1200	ug/Kg
120-12-7	Anthracene	710	U	710	910	1200	ug/Kg
86-74-8	Carbazole	590	U	590	910	1200	ug/Kg
84-74-2	Di-n-butylphthalate	720	U	720	910	1200	ug/Kg
206-44-0	Fluoranthene	2300		660	910	1200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/15/2023 12:00:00 AM
Project:		Date Received:	12/15/2023 12:00:00 AM
Client Sample ID:	TR-04-121523	SDG No.:	BG122023
Lab Sample ID:	O5882-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060108.D	10	12/18/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157861

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	1300	U	1300	1900	2300	ug/Kg
129-00-0	Pyrene	2200		580	910	1200	ug/Kg
85-68-7	Butylbenzylphthalate	720	U	720	910	1200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100	U	1100	1900	2300	ug/Kg
56-55-3	Benzo(a)anthracene	1500		580	910	1200	ug/Kg
218-01-9	Chrysene	1600		600	910	1200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	800	U	800	910	1200	ug/Kg
117-84-0	Di-n-octyl phthalate	860	U	860	1900	2300	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		560	910	1200	ug/Kg
207-08-9	Benzo(k)fluoranthene	620	J	610	910	1200	ug/Kg
50-32-8	Benzo(a)pyrene	1700		660	910	1200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	770	J	750	910	1200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	670	U	670	910	1200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	850	J	640	910	1200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	620	U	620	910	1200	ug/Kg
123-91-1	1,4-Dioxane	810	U	810	910	1200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	580	U	580	910	1200	ug/Kg
90-12-0	1-Methylnaphthalene	630	U	630	1200	1200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	62.57		18-112		42	SPK: -150
13127-88-3	Phenol-d6	74.11		15-107		49	SPK: -150
4165-60-0	Nitrobenzene-d5	71.03		18-107		71	SPK: -100
321-60-8	2-Fluorobiphenyl	67.7		20-109		68	SPK: -100
118-79-6	2,4,6-Tribromophenol	99.13		10-110		66	SPK: -150
1718-51-0	Terphenyl-d14	69.04		14-112		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	49982	7.949				
1146-65-2	Naphthalene-d8	165558	10.752				
15067-26-2	Acenaphthene-d10	155677	14.588				
1517-22-2	Phenanthrene-d10	455395	17.332				
1719-03-5	Chrysene-d12	598676	21.609				
1520-96-3	Perylene-d12	698263	24.8				



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Report of Analysis

Client:		Date Collected:	12/15/2023 12:00:00 AM
Project:		Date Received:	12/15/2023 12:00:00 AM
Client Sample ID:	TR-04-121523	SDG No.:	BG122023
Lab Sample ID:	O5882-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060108.D	10	12/18/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157861

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
001731-88-0	Tridecanoic acid, methyl ester	50200	J			18.014	
002462-85-3	9,12-Octadecadienoic acid, methyl	404400	J			19.177	
000112-62-9	9-Octadecenoic acid (Z)-, methyl e	215300	J			19.206	
000112-61-8	Methyl stearate	20600	J			19.312	

Report of Analysis

Client:		Date Collected:	12/5/2023 12:00:00 AM
Project:		Date Received:	12/5/2023 12:00:00 AM
Client Sample ID:	MW-6ADL	SDG No.:	BG122023
Lab Sample ID:	O5670-03DL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060109.D	5	12/7/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.1	U	10.1	40	50	ug/L
110-86-1	Pyridine	8.9	U	8.9	20	25	ug/L
100-52-7	Benzaldehyde	16.4	U	16.4	40	50	ug/L
62-53-3	Aniline	12.1	U	12.1	20	25	ug/L
108-95-2	Phenol	7.4	U	7.4	20	25	ug/L
111-44-4	bis(2-Chloroethyl)ether	8.3	U	8.3	20	25	ug/L
95-57-8	2-Chlorophenol	6.8	U	6.8	20	25	ug/L
95-50-1	1,2-Dichlorobenzene	6.3	U	6.3	20	25	ug/L
541-73-1	1,3-Dichlorobenzene	8.7	U	8.7	20	25	ug/L
106-46-7	1,4-Dichlorobenzene	7.2	U	7.2	20	25	ug/L
100-51-6	Benzyl Alcohol	11.9	U	11.9	40	50	ug/L
95-48-7	2-Methylphenol	170	D	10.3	20	25	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	11.3	U	11.3	20	25	ug/L
98-86-2	Acetophenone	9	U	9	20	25	ug/L
65794-96-9	3+4-Methylphenols	20.7	JD	10.8	40	50	ug/L
621-64-7	n-Nitroso-di-n-propylamine	9.9	U	9.9	12.5	12.5	ug/L
67-72-1	Hexachloroethane	8.2	U	8.2	20	25	ug/L
98-95-3	Nitrobenzene	8.6	U	8.6	20	25	ug/L
78-59-1	Isophorone	8.6	U	8.6	20	25	ug/L
88-75-5	2-Nitrophenol	11.9	U	11.9	20	25	ug/L
105-67-9	2,4-Dimethylphenol	14.8	U	14.8	20	25	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	20	25	ug/L
120-83-2	2,4-Dichlorophenol	8.5	U	8.5	20	25	ug/L
120-82-1	1,2,4-Trichlorobenzene	8.5	U	8.5	20	25	ug/L
65-85-0	Benzoic acid	33.3	U	33.3	40	50	ug/L
91-20-3	Naphthalene	150	D	8.5	20	25	ug/L
106-47-8	4-Chloroaniline	12.7	U	12.7	20	25	ug/L
87-68-3	Hexachlorobutadiene	9.7	U	9.7	20	25	ug/L
105-60-2	Caprolactam	17.2	U	17.2	40	50	ug/L
59-50-7	4-Chloro-3-methylphenol	8.8	U	8.8	20	25	ug/L
91-57-6	2-Methylnaphthalene	20.5	JD	11.2	20	25	ug/L

Report of Analysis

Client:		Date Collected:	12/5/2023 12:00:00 AM
Project:		Date Received:	12/5/2023 12:00:00 AM
Client Sample ID:	MW-6ADL	SDG No.:	BG122023
Lab Sample ID:	O5670-03DL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060109.D	5	12/7/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	28.7	U	28.7	40	50	ug/L
88-06-2	2,4,6-Trichlorophenol	7.6	U	7.6	20	25	ug/L
95-95-4	2,4,5-Trichlorophenol	7.9	U	7.9	20	25	ug/L
92-52-4	1,1-Biphenyl	9	U	9	20	25	ug/L
91-58-7	2-Chloronaphthalene	8	U	8	20	25	ug/L
88-74-4	2-Nitroaniline	11.9	U	11.9	20	25	ug/L
131-11-3	Dimethylphthalate	9.4	U	9.4	20	25	ug/L
208-96-8	Acenaphthylene	10.7	U	10.7	20	25	ug/L
606-20-2	2,6-Dinitrotoluene	10.5	U	10.5	20	25	ug/L
99-09-2	3-Nitroaniline	11.8	U	11.8	20	25	ug/L
83-32-9	Acenaphthene	8.6	U	8.6	20	25	ug/L
Total PAH	Total PAH	154.9	U	154.9	20	400	ug/L
51-28-5	2,4-Dinitrophenol	27.3	U	27.3	40	50	ug/L
100-02-7	4-Nitrophenol	14	U	14	40	50	ug/L
132-64-9	Dibenzofuran	7.9	U	7.9	20	25	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	23.2	U	23.2	20	50	ug/L
121-14-2	2,4-Dinitrotoluene	12.7	U	12.7	20	25	ug/L
84-66-2	Diethylphthalate	10.3	U	10.3	20	25	ug/L
7005-72-3	4-Chlorophenyl-phenylether	11.1	U	11.1	20	25	ug/L
86-73-7	Fluorene	10.2	U	10.2	20	25	ug/L
100-01-6	4-Nitroaniline	11.7	U	11.7	20	25	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	9	U	9	40	50	ug/L
86-30-6	n-Nitrosodiphenylamine	9.8	U	9.8	20	25	ug/L
103-33-3	Azobenzene	8.2	U	8.2	20	25	ug/L
101-55-3	4-Bromophenyl-phenylether	9.8	U	9.8	20	25	ug/L
118-74-1	Hexachlorobenzene	9.6	U	9.6	20	25	ug/L
1912-24-9	Atrazine	17.5	U	17.5	20	25	ug/L
87-86-5	Pentachlorophenol	12.8	U	12.8	40	50	ug/L
85-01-8	Phenanthrene	10	U	10	20	25	ug/L
120-12-7	Anthracene	11.4	U	11.4	20	25	ug/L
86-74-8	Carbazole	8.5	U	8.5	20	25	ug/L
84-74-2	Di-n-butylphthalate	12	U	12	20	25	ug/L
206-44-0	Fluoranthene	10.3	U	10.3	20	25	ug/L

Report of Analysis

Client:		Date Collected:	12/5/2023 12:00:00 AM
Project:		Date Received:	12/5/2023 12:00:00 AM
Client Sample ID:	MW-6ADL	SDG No.:	BG122023
Lab Sample ID:	O5670-03DL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060109.D	5	12/7/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	32.9	U	32.9	40	50	ug/L
129-00-0	Pyrene	9.5	U	9.5	20	25	ug/L
85-68-7	Butylbenzylphthalate	14	U	14	20	25	ug/L
91-94-1	3,3-Dichlorobenzidine	26.9	U	26.9	40	50	ug/L
56-55-3	Benzo(a)anthracene	7.3	U	7.3	20	25	ug/L
218-01-9	Chrysene	7.9	U	7.9	20	25	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	14.7	U	14.7	20	25	ug/L
117-84-0	Di-n-octyl phthalate	15.7	U	15.7	40	50	ug/L
205-99-2	Benzo(b)fluoranthene	7.5	U	7.5	20	25	ug/L
207-08-9	Benzo(k)fluoranthene	9.4	U	9.4	20	25	ug/L
50-32-8	Benzo(a)pyrene	13.5	U	13.5	20	25	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.5	U	10.5	20	25	ug/L
53-70-3	Dibenzo(a,h)anthracene	9.9	U	9.9	20	25	ug/L
191-24-2	Benzo(g,h,i)perylene	9.7	U	9.7	20	25	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.3	U	10.3	20	25	ug/L
123-91-1	1,4-Dioxane	12.2	U	12.2	20	25	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	6.6	U	6.6	20	25	ug/L
90-12-0	1-Methylnaphthalene	12.1	JD	10.4	20	25	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	44.51		10-139		30	SPK: -150
13127-88-3	Phenol-d6	30.08		10-134		20	SPK: -150
4165-60-0	Nitrobenzene-d5	109.285		49-133		109	SPK: -100
321-60-8	2-Fluorobiphenyl	105.755		52-132		106	SPK: -100
118-79-6	2,4,6-Tribromophenol	171.03		32-145		114	SPK: -150
1718-51-0	Terphenyl-d14	109.445		36-145		109	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	50311	7.953				
1146-65-2	Naphthalene-d8	170979	10.756				
15067-26-2	Acenaphthene-d10	159924	14.586				
1517-22-2	Phenanthrene-d10	473131	17.336				
1719-03-5	Chrysene-d12	600592	21.608				
1520-96-3	Perylene-d12	703886	24.798				



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Report of Analysis

Client:		Date Collected:	12/5/2023 12:00:00 AM
Project:		Date Received:	12/5/2023 12:00:00 AM
Client Sample ID:	MW-6ADL	SDG No.:	BG122023
Lab Sample ID:	O5670-03DL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Injection Volume :		Decanted :	Level : LOW
		GPC Factor :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060109.D	5	12/7/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157610

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

Client:		Date Collected:	12/12/2023 12:00:00 AM
Project:		Date Received:	12/12/2023 12:00:00 AM
Client Sample ID:	MW-1B-EE-NN	SDG No.:	BG122023
Lab Sample ID:	O5791-11	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060110.D	1	12/13/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157753

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2	U	2	8	10	ug/L
110-86-1	Pyridine	1.8	U	1.8	4	5	ug/L
100-52-7	Benzaldehyde	3.3	U	3.3	8	10	ug/L
62-53-3	Aniline	2.4	U	2.4	4	5	ug/L
108-95-2	Phenol	1.5	U	1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.7	U	1.7	4	5	ug/L
95-57-8	2-Chlorophenol	1.4	U	1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	1.7	U	1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	1.4	U	1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	15.7		2.4	8	10	ug/L
95-48-7	2-Methylphenol	2.1	U	2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.3	U	2.3	4	5	ug/L
98-86-2	Acetophenone	1.8	U	1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	2.2	U	2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1.6	U	1.6	4	5	ug/L
98-95-3	Nitrobenzene	1.7	U	1.7	4	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	4	5	ug/L
88-75-5	2-Nitrophenol	2.4	U	2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	3	U	3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	2	U	2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	1.7	U	1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.7	U	1.7	4	5	ug/L
65-85-0	Benzoic acid	6.7	U	6.7	8	10	ug/L
91-20-3	Naphthalene	1.7	U	1.7	4	5	ug/L
106-47-8	4-Chloroaniline	2.5	U	2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.9	U	1.9	4	5	ug/L
105-60-2	Caprolactam	3.4	U	3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.8	U	1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	2.2	U	2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	12/12/2023 12:00:00 AM
Project:		Date Received:	12/12/2023 12:00:00 AM
Client Sample ID:	MW-1B-EE-NN	SDG No.:	BG122023
Lab Sample ID:	O5791-11	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060110.D	1	12/13/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157753

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.7	U	5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	1.8	U	1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	4	5	ug/L
88-74-4	2-Nitroaniline	2.4	U	2.4	4	5	ug/L
131-11-3	Dimethylphthalate	1.9	U	1.9	4	5	ug/L
208-96-8	Acenaphthylene	2.1	U	2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	4	5	ug/L
99-09-2	3-Nitroaniline	2.4	U	2.4	4	5	ug/L
83-32-9	Acenaphthene	1.7	U	1.7	4	5	ug/L
Total PAH	Total PAH	31	U	31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	5.5	U	5.5	8	10	ug/L
100-02-7	4-Nitrophenol	2.8	U	2.8	8	10	ug/L
132-64-9	Dibenzofuran	1.6	U	1.6	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	2.5	U	2.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4.6	U	4.6	4	10	ug/L
84-66-2	Diethylphthalate	2.1	U	2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	2.2	4	5	ug/L
86-73-7	Fluorene	2	U	2	4	5	ug/L
100-01-6	4-Nitroaniline	2.3	U	2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.8	U	1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	2	U	2	4	5	ug/L
103-33-3	Azobenzene	1.6	U	1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	2	U	2	4	5	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	4	5	ug/L
1912-24-9	Atrazine	3.5	U	3.5	4	5	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	8	10	ug/L
85-01-8	Phenanthrene	2	U	2	4	5	ug/L
120-12-7	Anthracene	2.3	U	2.3	4	5	ug/L
86-74-8	Carbazole	1.7	U	1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	2.4	U	2.4	4	5	ug/L
206-44-0	Fluoranthene	2.1	U	2.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	12/12/2023 12:00:00 AM
Project:		Date Received:	12/12/2023 12:00:00 AM
Client Sample ID:	MW-1B-EE-NN	SDG No.:	BG122023
Lab Sample ID:	O5791-11	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060110.D	1	12/13/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157753

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	6.6	U	6.6	8	10	ug/L
129-00-0	Pyrene	1.9	U	1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	5.4	U	5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4	5	ug/L
218-01-9	Chrysene	1.6	U	1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.9	U	2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	3.1	U	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	2.7	U	2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	U	2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4	5	ug/L
123-91-1	1,4-Dioxane	2.4	U	2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	54.137		10-139		36	SPK: -150
13127-88-3	Phenol-d6	35.182		10-134		23	SPK: -150
4165-60-0	Nitrobenzene-d5	52.699		49-133		53	SPK: -100
321-60-8	2-Fluorobiphenyl	48.675	*	52-132		49	SPK: -100
118-79-6	2,4,6-Tribromophenol	161.623		32-145		108	SPK: -150
1718-51-0	Terphenyl-d14	49.075		36-145		49	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	50266	7.947				
1146-65-2	Naphthalene-d8	171324	10.756				
15067-26-2	Acenaphthene-d10	162845	14.586				
1517-22-2	Phenanthrene-d10	478815	17.336				
1719-03-5	Chrysene-d12	609186	21.608				
1520-96-3	Perylene-d12	685240	24.804				



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Report of Analysis

Client:		Date Collected:	12/12/2023 12:00:00 AM
Project:		Date Received:	12/12/2023 12:00:00 AM
Client Sample ID:	MW-1B-EE-NN	SDG No.:	BG122023
Lab Sample ID:	O5791-11	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060110.D	1	12/13/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157753

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	39	J			3.141	
000113-00-8	Guanidine	6.4	J			5.056	
004712-55-4	Phosphonic acid, diphenyl ester	2.1	J			11.484	
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	2.4	J			13.423	
	unknown18.223	4.8	J			18.223	
	unknown21.255	2.4	J			21.255	

Report of Analysis

Client:		Date Collected:	12/12/2023 12:00:00 AM
Project:		Date Received:	12/12/2023 12:00:00 AM
Client Sample ID:	RT-SB-04-10-11	SDG No.:	BG122023
Lab Sample ID:	O5796-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.7
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060111.D	1	12/13/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	92.8	U	92.8	320	400	ug/Kg
110-86-1	Pyridine	86.9	U	86.9	160	200	ug/Kg
100-52-7	Benzaldehyde	180	U	180	320	400	ug/Kg
62-53-3	Aniline	140	U	140	160	200	ug/Kg
108-95-2	Phenol	89.3	U	89.3	160	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	160	200	ug/Kg
95-57-8	2-Chlorophenol	86.4	U	86.4	160	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	98	U	98	160	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	98.9	U	98.9	160	200	ug/Kg
100-51-6	Benzyl Alcohol	120	U	120	320	400	ug/Kg
95-48-7	2-Methylphenol	140	U	140	160	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	160	200	ug/Kg
98-86-2	Acetophenone	100	U	100	160	200	ug/Kg
65794-96-9	3+4-Methylphenols	130	U	130	320	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	70.8	U	70.8	96	96	ug/Kg
67-72-1	Hexachloroethane	88.3	U	88.3	160	200	ug/Kg
98-95-3	Nitrobenzene	90.2	U	90.2	160	200	ug/Kg
78-59-1	Isophorone	81.7	U	81.7	160	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	160	200	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	U	130	160	200	ug/Kg
120-83-2	2,4-Dichlorophenol	93.7	U	93.7	160	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	93	U	93	160	200	ug/Kg
65-85-0	Benzoic acid	260	U	260	320	400	ug/Kg
91-20-3	Naphthalene	97.7	U	97.7	160	200	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	160	200	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	200	ug/Kg
105-60-2	Caprolactam	140	U	140	320	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	99	U	99	160	200	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	160	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2023 12:00:00 AM
Project:		Date Received:	12/12/2023 12:00:00 AM
Client Sample ID:	RT-SB-04-10-11	SDG No.:	BG122023
Lab Sample ID:	O5796-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.7
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060111.D	1	12/13/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	250	U	250	320	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	92.5	U	92.5	160	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	160	200	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	200	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	200	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	200	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	160	200	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	160	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	200	ug/Kg
83-32-9	Acenaphthene	96.4	U	96.4	160	200	ug/Kg
Total PAH	Total PAH	1720.5	U	1720.5	160	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	220	U	220	320	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	400	ug/Kg
132-64-9	Dibenzofuran	92.3	U	92.3	160	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	160	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	160	200	ug/Kg
84-66-2	Diethylphthalate	100	U	100	160	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	200	ug/Kg
86-73-7	Fluorene	100	U	100	160	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	160	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	320	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	160	200	ug/Kg
103-33-3	Azobenzene	88.2	U	88.2	160	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	160	200	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	160	200	ug/Kg
1912-24-9	Atrazine	110	U	110	160	200	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	320	400	ug/Kg
85-01-8	Phenanthrene	120	J	110	160	200	ug/Kg
120-12-7	Anthracene	120	U	120	160	200	ug/Kg
86-74-8	Carbazole	100	U	100	160	200	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	160	200	ug/Kg
206-44-0	Fluoranthene	190	J	110	160	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2023 12:00:00 AM
Project:		Date Received:	12/12/2023 12:00:00 AM
Client Sample ID:	RT-SB-04-10-11	SDG No.:	BG122023
Lab Sample ID:	O5796-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.7
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060111.D	1	12/13/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	230	U	230	320	400	ug/Kg
129-00-0	Pyrene	140	J	100	160	200	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	190	U	190	320	400	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	160	200	ug/Kg
218-01-9	Chrysene	100	U	100	160	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	160	200	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	320	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	96.4	160	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	160	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	U	130	160	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	U	120	160	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	160	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	200	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	99.5	U	99.5	160	200	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	59.606		18-112		40	SPK: -150
13127-88-3	Phenol-d6	69.413		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	59.445		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	54.058		20-109		54	SPK: -100
118-79-6	2,4,6-Tribromophenol	74.746		10-110		50	SPK: -150
1718-51-0	Terphenyl-d14	55.902		14-112		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	38914	7.95				
1146-65-2	Naphthalene-d8	143085	10.753				
15067-26-2	Acenaphthene-d10	148533	14.59				
1517-22-2	Phenanthrene-d10	451229	17.339				
1719-03-5	Chrysene-d12	593606	21.611				
1520-96-3	Perylene-d12	714579	24.801				



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Report of Analysis

Client:		Date Collected:	12/12/2023 12:00:00 AM
Project:		Date Received:	12/12/2023 12:00:00 AM
Client Sample ID:	RT-SB-04-10-11	SDG No.:	BG122023
Lab Sample ID:	O5796-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.7
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060111.D	1	12/13/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown3.133	310	J			3.133	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	260	A			5.054	
	unknown18.227	100	J			18.227	

Report of Analysis

Client:		Date Collected:	12/13/2023 12:00:00 AM
Project:		Date Received:	12/13/2023 12:00:00 AM
Client Sample ID:	RT-SB-09-10.5-11.5	SDG No.:	BG122023
Lab Sample ID:	O5827-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060112.D	1	12/14/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157778

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	89.1	U	89.1	310	380	ug/Kg
110-86-1	Pyridine	83.4	U	83.4	150	200	ug/Kg
100-52-7	Benzaldehyde	170	U	170	310	380	ug/Kg
62-53-3	Aniline	130	U	130	150	200	ug/Kg
108-95-2	Phenol	85.7	U	85.7	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	150	200	ug/Kg
95-57-8	2-Chlorophenol	83	U	83	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	94.1	U	94.1	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	94.9	U	94.9	150	200	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	310	380	ug/Kg
95-48-7	2-Methylphenol	130	U	130	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	150	200	ug/Kg
98-86-2	Acetophenone	99.9	U	99.9	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	120	U	120	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	68	U	68	92.2	92.2	ug/Kg
67-72-1	Hexachloroethane	84.8	U	84.8	150	200	ug/Kg
98-95-3	Nitrobenzene	86.6	U	86.6	150	200	ug/Kg
78-59-1	Isophorone	78.5	U	78.5	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	U	130	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	90	U	90	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	89.3	U	89.3	150	200	ug/Kg
65-85-0	Benzoic acid	250	U	250	310	380	ug/Kg
91-20-3	Naphthalene	93.8	U	93.8	150	200	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	96.8	U	96.8	150	200	ug/Kg
105-60-2	Caprolactam	130	U	130	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	95.1	U	95.1	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/13/2023 12:00:00 AM
Project:		Date Received:	12/13/2023 12:00:00 AM
Client Sample ID:	RT-SB-09-10.5-11.5	SDG No.:	BG122023
Lab Sample ID:	O5827-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060112.D	1	12/14/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157778

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	240	U	240	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	88.8	U	88.8	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	150	200	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	97.5	U	97.5	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	150	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	150	200	ug/Kg
83-32-9	Acenaphthene	92.5	U	92.5	150	200	ug/Kg
Total PAH	Total PAH	7760	U	1659.6	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	310	380	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	380	ug/Kg
132-64-9	Dibenzofuran	88.6	U	88.6	150	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	150	400	ug/Kg
84-66-2	Diethylphthalate	99	U	99	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	200	ug/Kg
86-73-7	Fluorene	97.7	U	97.7	150	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	150	200	ug/Kg
103-33-3	Azobenzene	84.7	U	84.7	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	150	200	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	310	380	ug/Kg
85-01-8	Phenanthrene	660		110	150	200	ug/Kg
120-12-7	Anthracene	120	U	120	150	200	ug/Kg
86-74-8	Carbazole	100	J	97.8	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	150	200	ug/Kg
206-44-0	Fluoranthene	1600		110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/13/2023 12:00:00 AM
Project:		Date Received:	12/13/2023 12:00:00 AM
Client Sample ID:	RT-SB-09-10.5-11.5	SDG No.:	BG122023
Lab Sample ID:	O5827-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060112.D	1	12/14/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157778

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	220	U	220	310	380	ug/Kg
129-00-0	Pyrene	1200		96.4	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	190	U	190	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	880		96.7	150	200	ug/Kg
218-01-9	Chrysene	810		100	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	920		92.5	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	330		100	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	540		110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	360		120	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	J	110	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	330		110	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	95.5	U	95.5	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	68.903		18-112		46	SPK: -150
13127-88-3	Phenol-d6	81.045		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	76.882		18-107		77	SPK: -100
321-60-8	2-Fluorobiphenyl	66.212		20-109		66	SPK: -100
118-79-6	2,4,6-Tribromophenol	103.573		10-110		69	SPK: -150
1718-51-0	Terphenyl-d14	64.051		14-112		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	38323	7.951				
1146-65-2	Naphthalene-d8	130102	10.753				
15067-26-2	Acenaphthene-d10	131872	14.59				
1517-22-2	Phenanthrene-d10	392933	17.34				
1719-03-5	Chrysene-d12	497614	21.611				
1520-96-3	Perylene-d12	588034	24.807				

Report of Analysis

Client:		Date Collected:	12/13/2023 12:00:00 AM
Project:		Date Received:	12/13/2023 12:00:00 AM
Client Sample ID:	RT-SB-09-10.5-11.5	SDG No.:	BG122023
Lab Sample ID:	O5827-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060112.D	1	12/14/2023 12:00:00 AM	12/20/2023 12:00:00 AM	PB157778

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown3.133	460	J			3.133	
000486-25-9	9H-Fluoren-9-one	120	J			16.987	
000886-38-4	2-Cyclopropen-1-one, 2,3-diphenyl-	79.9	J			17.469	
000832-69-9	Phenanthrene, 1-methyl-	250	J			18.221	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	210	J			18.262	
002531-84-2	Phenanthrene, 2-methyl-	120	J			18.403	
000779-02-2	Anthracene, 9-methyl-	99.9	J			18.444	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	150	J			18.714	
000084-65-1	9,10-Anthracenedione	160	J			18.75	
1000452-24-5	3,4-Dimethylphenanthrene	200	J			19.137	
005737-13-3	Cyclopenta(def)phenanthrenone	270	J			19.273	
002381-21-7	Pyrene, 1-methyl-	97.6	J			20.083	
000479-79-8	11H-Benzo[a]fluoren-11-one	170	J			21.006	
000082-05-3	7H-Benz[de]anthracen-7-one	130	J			21.341	
000192-97-2	Benzo[e]pyrene	650	J			24.508	

Report of Analysis

Client:		Date Collected:	12/12/2023 12:00:00 AM
Project:		Date Received:	12/12/2023 12:00:00 AM
Client Sample ID:	RT-SB-07-10-11	SDG No.:	BG122023
Lab Sample ID:	O5827-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060113.D	1	12/14/2023 12:00:00 AM	12/21/2023 12:00:00 AM	PB157778

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	91.5	U	91.5	320	390	ug/Kg
110-86-1	Pyridine	85.7	U	85.7	150	200	ug/Kg
100-52-7	Benzaldehyde	180	U	180	320	390	ug/Kg
62-53-3	Aniline	140	U	140	150	200	ug/Kg
108-95-2	Phenol	88.1	U	88.1	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	150	200	ug/Kg
95-57-8	2-Chlorophenol	85.2	U	85.2	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	96.7	U	96.7	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	97.5	U	97.5	150	200	ug/Kg
100-51-6	Benzyl Alcohol	120	U	120	320	390	ug/Kg
95-48-7	2-Methylphenol	130	U	130	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	130	U	130	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	69.8	U	69.8	94.7	94.7	ug/Kg
67-72-1	Hexachloroethane	87.1	U	87.1	150	200	ug/Kg
98-95-3	Nitrobenzene	89	U	89	150	200	ug/Kg
78-59-1	Isophorone	80.6	U	80.6	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	U	130	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	92.4	U	92.4	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	91.7	U	91.7	150	200	ug/Kg
65-85-0	Benzoic acid	250	U	250	320	390	ug/Kg
91-20-3	Naphthalene	96.4	U	96.4	150	200	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	99.4	U	99.4	150	200	ug/Kg
105-60-2	Caprolactam	140	U	140	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	97.7	U	97.7	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2023 12:00:00 AM
Project:		Date Received:	12/12/2023 12:00:00 AM
Client Sample ID:	RT-SB-07-10-11	SDG No.:	BG122023
Lab Sample ID:	O5827-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060113.D	1	12/14/2023 12:00:00 AM	12/21/2023 12:00:00 AM	PB157778

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	250	U	250	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	91.3	U	91.3	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	150	200	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	150	200	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	150	200	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	150	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	150	200	ug/Kg
83-32-9	Acenaphthene	95.1	U	95.1	150	200	ug/Kg
Total PAH	Total PAH	1685	U	1685	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	320	390	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	320	390	ug/Kg
132-64-9	Dibenzofuran	91	U	91	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	150	200	ug/Kg
84-66-2	Diethylphthalate	100	U	100	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	150	200	ug/Kg
86-73-7	Fluorene	100	U	100	150	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	150	200	ug/Kg
103-33-3	Azobenzene	87	U	87	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	150	200	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	320	390	ug/Kg
85-01-8	Phenanthrene	110	U	110	150	200	ug/Kg
120-12-7	Anthracene	120	U	120	150	200	ug/Kg
86-74-8	Carbazole	100	U	100	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	150	200	ug/Kg
206-44-0	Fluoranthene	130	J	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2023 12:00:00 AM
Project:		Date Received:	12/12/2023 12:00:00 AM
Client Sample ID:	RT-SB-07-10-11	SDG No.:	BG122023
Lab Sample ID:	O5827-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060113.D	1	12/14/2023 12:00:00 AM	12/21/2023 12:00:00 AM	PB157778

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	230	U	230	320	390	ug/Kg
129-00-0	Pyrene	130	J	99.1	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	190	U	190	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	99.3	U	99.3	150	200	ug/Kg
218-01-9	Chrysene	100	J	100	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	J	95.1	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	U	130	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	150	200	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	98.1	U	98.1	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	68.376		18-112		46	SPK: -150
13127-88-3	Phenol-d6	70.155		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	62.701		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	60.962		20-109		61	SPK: -100
118-79-6	2,4,6-Tribromophenol	85.47		10-110		57	SPK: -150
1718-51-0	Terphenyl-d14	57.927		14-112		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	46287	7.95				
1146-65-2	Naphthalene-d8	156719	10.752				
15067-26-2	Acenaphthene-d10	145985	14.589				
1517-22-2	Phenanthrene-d10	434720	17.339				
1719-03-5	Chrysene-d12	570384	21.616				
1520-96-3	Perylene-d12	672215	24.824				



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	12/12/2023 12:00:00 AM
Project:		Date Received:	12/12/2023 12:00:00 AM
Client Sample ID:	RT-SB-07-10-11	SDG No.:	BG122023
Lab Sample ID:	O5827-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060113.D	1	12/14/2023 12:00:00 AM	12/21/2023 12:00:00 AM	PB157778

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown3.138	330	J			3.138	

Report of Analysis

Client:		Date Collected:	12/11/2023 12:00:00 AM
Project:		Date Received:	12/11/2023 12:00:00 AM
Client Sample ID:	SP-E3-COMPARE	SDG No.:	BG122023
Lab Sample ID:	O5767-07RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.7
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060114.D	1	12/12/2023 12:00:00 AM	12/21/2023 12:00:00 AM	PB157718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	88.3	U	88.3	310	380	ug/Kg
110-86-1	Pyridine	82.7	U	82.7	150	190	ug/Kg
100-52-7	Benzaldehyde	170	U	170	310	380	ug/Kg
62-53-3	Aniline	130	U	130	150	190	ug/Kg
108-95-2	Phenol	85	U	85	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	150	190	ug/Kg
95-57-8	2-Chlorophenol	82.3	U	82.3	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	93.3	U	93.3	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	94.1	U	94.1	150	190	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	310	380	ug/Kg
95-48-7	2-Methylphenol	130	U	130	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	150	190	ug/Kg
98-86-2	Acetophenone	99	U	99	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	120	U	120	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	67.4	U	67.4	91.4	91.4	ug/Kg
67-72-1	Hexachloroethane	84.1	U	84.1	150	190	ug/Kg
98-95-3	Nitrobenzene	85.9	U	85.9	150	190	ug/Kg
78-59-1	Isophorone	77.8	U	77.8	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	U	130	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	89.2	U	89.2	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	88.5	U	88.5	150	190	ug/Kg
65-85-0	Benzoic acid	240	U	240	310	380	ug/Kg
91-20-3	Naphthalene	93	U	93	150	190	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	96	U	96	150	190	ug/Kg
105-60-2	Caprolactam	130	U	130	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	94.3	U	94.3	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2023 12:00:00 AM
Project:		Date Received:	12/11/2023 12:00:00 AM
Client Sample ID:	SP-E3-COMP	SDG No.:	BG122023
Lab Sample ID:	O5767-07RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.7
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060114.D	1	12/12/2023 12:00:00 AM	12/21/2023 12:00:00 AM	PB157718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	240	U	240	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	88.1	U	88.1	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	150	190	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	96.6	U	96.6	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	150	190	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	150	190	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	150	190	ug/Kg
83-32-9	Acenaphthene	91.7	U	91.7	150	190	ug/Kg
Total PAH	Total PAH	5700	U	1653.9	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	310	380	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	380	ug/Kg
132-64-9	Dibenzofuran	87.9	U	87.9	150	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	150	380	ug/Kg
84-66-2	Diethylphthalate	98.1	U	98.1	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	190	ug/Kg
86-73-7	Fluorene	96.9	U	96.9	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	150	190	ug/Kg
103-33-3	Azobenzene	84	U	84	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	150	190	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	150	190	ug/Kg
1912-24-9	Atrazine	110	U	110	150	190	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	310	380	ug/Kg
85-01-8	Phenanthrene	490		110	150	190	ug/Kg
120-12-7	Anthracene	140	J	120	150	190	ug/Kg
86-74-8	Carbazole	97	U	97	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	150	190	ug/Kg
206-44-0	Fluoranthene	960		110	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2023 12:00:00 AM
Project:		Date Received:	12/11/2023 12:00:00 AM
Client Sample ID:	SP-E3-COMP	SDG No.:	BG122023
Lab Sample ID:	O5767-07RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.7
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060114.D	1	12/12/2023 12:00:00 AM	12/21/2023 12:00:00 AM	PB157718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	220	U	220	310	380	ug/Kg
129-00-0	Pyrene	790		95.6	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	180	U	180	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	560		95.8	150	190	ug/Kg
218-01-9	Chrysene	520		99.2	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	730		91.7	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	270		100	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	570		110	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260		120	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	J	110	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	300		110	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	190	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	94.7	U	94.7	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	72.04		18-112		48	SPK: -150
13127-88-3	Phenol-d6	69.468		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	62.51		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	56.316		20-109		56	SPK: -100
118-79-6	2,4,6-Tribromophenol	93.275		10-110		62	SPK: -150
1718-51-0	Terphenyl-d14	52.624		14-112		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	40989	7.953				
1146-65-2	Naphthalene-d8	143362	10.749				
15067-26-2	Acenaphthene-d10	133510	14.586				
1517-22-2	Phenanthrene-d10	396765	17.336				
1719-03-5	Chrysene-d12	507680	21.607				
1520-96-3	Perylene-d12	578330	24.804				



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	12/11/2023 12:00:00 AM
Project:		Date Received:	12/11/2023 12:00:00 AM
Client Sample ID:	SP-E3-COMPARE	SDG No.:	BG122023
Lab Sample ID:	O5767-07RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.7
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BG060114.D	1	12/12/2023 12:00:00 AM	12/21/2023 12:00:00 AM	PB157718

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

Client:		Date Collected:	12/14/2023 12:00:00 AM
Project:		Date Received:	12/14/2023 12:00:00 AM
Client Sample ID:	CHRT-20103	SDG No.:	BG122023
Lab Sample ID:	O5832-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	45.2
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060115.D	1	12/15/2023 12:00:00 AM	12/21/2023 12:00:00 AM	PB157810

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	84.6	U	84.6	300	360	ug/Kg
110-86-1	Pyridine	79.2	U	79.2	140	190	ug/Kg
100-52-7	Benzaldehyde	160	U	160	300	360	ug/Kg
62-53-3	Aniline	130	U	130	140	190	ug/Kg
108-95-2	Phenol	81.4	U	81.4	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	98.2	U	98.2	140	190	ug/Kg
95-57-8	2-Chlorophenol	78.8	U	78.8	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	89.4	U	89.4	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	96.8	U	96.8	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	90.1	U	90.1	140	190	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	300	360	ug/Kg
95-48-7	2-Methylphenol	120	U	120	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	140	190	ug/Kg
98-86-2	Acetophenone	94.8	U	94.8	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	120	U	120	300	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	64.5	U	64.5	87.5	87.5	ug/Kg
67-72-1	Hexachloroethane	80.5	U	80.5	140	190	ug/Kg
98-95-3	Nitrobenzene	82.3	U	82.3	140	190	ug/Kg
78-59-1	Isophorone	74.5	U	74.5	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	85.4	U	85.4	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	84.8	U	84.8	140	190	ug/Kg
65-85-0	Benzoic acid	230	U	230	300	360	ug/Kg
91-20-3	Naphthalene	89	U	89	140	190	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	91.9	U	91.9	140	190	ug/Kg
105-60-2	Caprolactam	130	U	130	300	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	90.2	U	90.2	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/14/2023 12:00:00 AM
Project:		Date Received:	12/14/2023 12:00:00 AM
Client Sample ID:	CHRT-20103	SDG No.:	BG122023
Lab Sample ID:	O5832-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	45.2
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060115.D	1	12/15/2023 12:00:00 AM	12/21/2023 12:00:00 AM	PB157810

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	230	U	230	300	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	84.3	U	84.3	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	96.1	U	96.1	140	190	ug/Kg
92-52-4	1,1-Biphenyl	99.9	U	99.9	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	92.5	U	92.5	140	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	140	190	ug/Kg
131-11-3	Dimethylphthalate	97.2	U	97.2	140	190	ug/Kg
208-96-8	Acenaphthylene	96.7	U	96.7	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	98.4	U	98.4	140	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	140	190	ug/Kg
83-32-9	Acenaphthene	87.8	U	87.8	140	190	ug/Kg
Total PAH	Total PAH	1568.8	U	1568.8	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	200	U	200	300	360	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	300	360	ug/Kg
132-64-9	Dibenzofuran	84.1	U	84.1	140	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	208.4	U	208.4	140	380	ug/Kg
84-66-2	Diethylphthalate	94	U	94	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	98.9	U	98.9	140	190	ug/Kg
86-73-7	Fluorene	92.8	U	92.8	140	190	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	96	U	96	300	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	140	190	ug/Kg
103-33-3	Azobenzene	80.4	U	80.4	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	140	190	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	300	360	ug/Kg
85-01-8	Phenanthrene	120	J	100	140	190	ug/Kg
120-12-7	Anthracene	110	U	110	140	190	ug/Kg
86-74-8	Carbazole	92.9	U	92.9	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	140	190	ug/Kg
206-44-0	Fluoranthene	260		100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/14/2023 12:00:00 AM
Project:		Date Received:	12/14/2023 12:00:00 AM
Client Sample ID:	CHRT-20103	SDG No.:	BG122023
Lab Sample ID:	O5832-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	45.2
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060115.D	1	12/15/2023 12:00:00 AM	12/21/2023 12:00:00 AM	PB157810

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	210	U	210	300	360	ug/Kg
129-00-0	Pyrene	170	J	91.6	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	180	U	180	300	360	ug/Kg
56-55-3	Benzo(a)anthracene	97.5	J	91.8	140	190	ug/Kg
218-01-9	Chrysene	120	J	94.9	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	690		130	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	300	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	87.8	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	96.4	U	96.4	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	U	120	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	97.8	U	97.8	140	190	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	90.7	U	90.7	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	98.7	U	98.7	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	60.583		18-112		40	SPK: -150
13127-88-3	Phenol-d6	68.141		15-107		45	SPK: -150
4165-60-0	Nitrobenzene-d5	67.795		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	62.769		20-109		63	SPK: -100
118-79-6	2,4,6-Tribromophenol	99.778		10-110		67	SPK: -150
1718-51-0	Terphenyl-d14	62.494		14-112		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	47481	7.947				
1146-65-2	Naphthalene-d8	150636	10.755				
15067-26-2	Acenaphthene-d10	146549	14.586				
1517-22-2	Phenanthrene-d10	429971	17.341				
1719-03-5	Chrysene-d12	593217	21.619				
1520-96-3	Perylene-d12	657010	24.815				

Report of Analysis

Client:		Date Collected:	12/14/2023 12:00:00 AM
Project:		Date Received:	12/14/2023 12:00:00 AM
Client Sample ID:	CHRT-20103	SDG No.:	BG122023
Lab Sample ID:	O5832-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	45.2
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060115.D	1	12/15/2023 12:00:00 AM	12/21/2023 12:00:00 AM	PB157810

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	400	J			3.135	
000110-98-5	2-Propanol, 1,1-oxybis-	420	J			7.858	
000108-61-2	1-Propanol, 2,2-oxybis-	170	J			8.146	
053778-73-7	2-Butanol, 1-methoxy-	150	J			8.193	
	unknown14.333	100	J			14.333	
	unknown14.421	110	J			14.421	
001928-30-9	Tricosane, 2-methyl-	730	J			20.455	

Report of Analysis

Client:		Date Collected:	12/14/2023 12:00:00 AM
Project:		Date Received:	12/14/2023 12:00:00 AM
Client Sample ID:	WC-121423	SDG No.:	BG122023
Lab Sample ID:	O5887-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.6
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060116.D	1	12/18/2023 12:00:00 AM	12/21/2023 12:00:00 AM	PB157861

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	54.9	U	54.9	190	230	ug/Kg
110-86-1	Pyridine	51.4	U	51.4	92.3	120	ug/Kg
100-52-7	Benzaldehyde	110	U	110	190	230	ug/Kg
62-53-3	Aniline	83.1	U	83.1	92.3	120	ug/Kg
108-95-2	Phenol	52.8	U	52.8	92.3	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	63.7	U	63.7	92.3	120	ug/Kg
95-57-8	2-Chlorophenol	51.1	U	51.1	92.3	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58	U	58	92.3	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	62.8	U	62.8	92.3	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.5	U	58.5	92.3	120	ug/Kg
100-51-6	Benzyl Alcohol	70.1	U	70.1	190	230	ug/Kg
95-48-7	2-Methylphenol	80.9	U	80.9	92.3	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	74.5	U	74.5	92.3	120	ug/Kg
98-86-2	Acetophenone	61.5	U	61.5	92.3	120	ug/Kg
65794-96-9	3+4-Methylphenols	76.7	U	76.7	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	41.9	U	41.9	56.8	56.8	ug/Kg
67-72-1	Hexachloroethane	52.2	U	52.2	92.3	120	ug/Kg
98-95-3	Nitrobenzene	53.4	U	53.4	92.3	120	ug/Kg
78-59-1	Isophorone	48.3	U	48.3	92.3	120	ug/Kg
88-75-5	2-Nitrophenol	67.5	U	67.5	92.3	120	ug/Kg
105-67-9	2,4-Dimethylphenol	70.7	U	70.7	92.3	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	79.5	U	79.5	92.3	120	ug/Kg
120-83-2	2,4-Dichlorophenol	55.4	U	55.4	92.3	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55	U	55	92.3	120	ug/Kg
65-85-0	Benzoic acid	150	U	150	190	230	ug/Kg
91-20-3	Naphthalene	57.8	U	57.8	92.3	120	ug/Kg
106-47-8	4-Chloroaniline	74.5	U	74.5	92.3	120	ug/Kg
87-68-3	Hexachlorobutadiene	59.6	U	59.6	92.3	120	ug/Kg
105-60-2	Caprolactam	83.1	U	83.1	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58.6	U	58.6	92.3	120	ug/Kg
91-57-6	2-Methylnaphthalene	67.4	U	67.4	92.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	12/14/2023 12:00:00 AM
Project:		Date Received:	12/14/2023 12:00:00 AM
Client Sample ID:	WC-121423	SDG No.:	BG122023
Lab Sample ID:	O5887-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.6
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060116.D	1	12/18/2023 12:00:00 AM	12/21/2023 12:00:00 AM	PB157861

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	150	U	150	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54.7	U	54.7	92.3	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	62.4	U	62.4	92.3	120	ug/Kg
92-52-4	1,1-Biphenyl	64.8	U	64.8	92.3	120	ug/Kg
91-58-7	2-Chloronaphthalene	60.1	U	60.1	92.3	120	ug/Kg
88-74-4	2-Nitroaniline	70.5	U	70.5	92.3	120	ug/Kg
131-11-3	Dimethylphthalate	63.1	U	63.1	92.3	120	ug/Kg
208-96-8	Acenaphthylene	62.8	U	62.8	92.3	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	63.9	U	63.9	92.3	120	ug/Kg
99-09-2	3-Nitroaniline	66.3	U	66.3	92.3	120	ug/Kg
83-32-9	Acenaphthene	57	U	57	92.3	120	ug/Kg
Total PAH	Total PAH	1020.2	U	1020.2	92.3	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	190	230	ug/Kg
100-02-7	4-Nitrophenol	80.9	U	80.9	190	230	ug/Kg
132-64-9	Dibenzofuran	54.6	U	54.6	92.3	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	134.8	U	134.8	92.3	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	70.9	U	70.9	92.3	120	ug/Kg
84-66-2	Diethylphthalate	61	U	61	92.3	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	64.2	U	64.2	92.3	120	ug/Kg
86-73-7	Fluorene	60.2	U	60.2	92.3	120	ug/Kg
100-01-6	4-Nitroaniline	73.8	U	73.8	92.3	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	62.3	U	62.3	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	66.2	U	66.2	92.3	120	ug/Kg
103-33-3	Azobenzene	52.2	U	52.2	92.3	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	69.1	U	69.1	92.3	120	ug/Kg
118-74-1	Hexachlorobenzene	70.1	U	70.1	92.3	120	ug/Kg
1912-24-9	Atrazine	67.7	U	67.7	92.3	120	ug/Kg
87-86-5	Pentachlorophenol	78.8	U	78.8	190	230	ug/Kg
85-01-8	Phenanthrene	65.8	U	65.8	92.3	120	ug/Kg
120-12-7	Anthracene	72.4	U	72.4	92.3	120	ug/Kg
86-74-8	Carbazole	60.3	U	60.3	92.3	120	ug/Kg
84-74-2	Di-n-butylphthalate	73.8	U	73.8	92.3	120	ug/Kg
206-44-0	Fluoranthene	67	U	67	92.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	12/14/2023 12:00:00 AM
Project:		Date Received:	12/14/2023 12:00:00 AM
Client Sample ID:	WC-121423	SDG No.:	BG122023
Lab Sample ID:	O5887-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.6
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060116.D	1	12/18/2023 12:00:00 AM	12/21/2023 12:00:00 AM	PB157861

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	140	U	140	190	230	ug/Kg
129-00-0	Pyrene	59.4	U	59.4	92.3	120	ug/Kg
85-68-7	Butylbenzylphthalate	73.1	U	73.1	92.3	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	59.6	U	59.6	92.3	120	ug/Kg
218-01-9	Chrysene	61.6	U	61.6	92.3	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	81.6	U	81.6	92.3	120	ug/Kg
117-84-0	Di-n-octyl phthalate	87.3	U	87.3	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	57	U	57	92.3	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	62.5	U	62.5	92.3	120	ug/Kg
50-32-8	Benzo(a)pyrene	66.9	U	66.9	92.3	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	76	U	76	92.3	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	68.5	U	68.5	92.3	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	65.7	U	65.7	92.3	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63.5	U	63.5	92.3	120	ug/Kg
123-91-1	1,4-Dioxane	83.1	U	83.1	92.3	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58.9	U	58.9	92.3	120	ug/Kg
90-12-0	1-Methylnaphthalene	64	U	64	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	69.109		18-112		46	SPK: -150
13127-88-3	Phenol-d6	76.248		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	68.755		18-107		69	SPK: -100
321-60-8	2-Fluorobiphenyl	64.599		20-109		65	SPK: -100
118-79-6	2,4,6-Tribromophenol	106.893		10-110		71	SPK: -150
1718-51-0	Terphenyl-d14	56.585		14-112		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	51514	7.948				
1146-65-2	Naphthalene-d8	174854	10.756				
15067-26-2	Acenaphthene-d10	157365	14.587				
1517-22-2	Phenanthrene-d10	476085	17.337				
1719-03-5	Chrysene-d12	599988	21.608				
1520-96-3	Perylene-d12	701667	24.799				



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Report of Analysis

Client:		Date Collected:	12/14/2023 12:00:00 AM
Project:		Date Received:	12/14/2023 12:00:00 AM
Client Sample ID:	WC-121423	SDG No.:	BG122023
Lab Sample ID:	O5887-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.6
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060116.D	1	12/18/2023 12:00:00 AM	12/21/2023 12:00:00 AM	PB157861

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown3.142	240	J			3.142	

Report of Analysis

Client:		Date Collected:	12/12/2023 12:00:00 AM
Project:		Date Received:	12/12/2023 12:00:00 AM
Client Sample ID:	597-P-2	SDG No.:	BG122023
Lab Sample ID:	O5791-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	39.2
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060117.D	1	12/13/2023 12:00:00 AM	12/21/2023 12:00:00 AM	PB157746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	76.3	U	76.3	270	330	ug/Kg
110-86-1	Pyridine	71.4	U	71.4	130	170	ug/Kg
100-52-7	Benzaldehyde	150	U	150	270	330	ug/Kg
62-53-3	Aniline	120	U	120	130	170	ug/Kg
108-95-2	Phenol	73.4	U	73.4	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	88.6	U	88.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	71	U	71	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	80.6	U	80.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	87.3	U	87.3	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	81.3	U	81.3	130	170	ug/Kg
100-51-6	Benzyl Alcohol	97.5	U	97.5	270	330	ug/Kg
95-48-7	2-Methylphenol	110	U	110	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	130	170	ug/Kg
98-86-2	Acetophenone	85.5	U	85.5	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	58.2	U	58.2	78.9	78.9	ug/Kg
67-72-1	Hexachloroethane	72.6	U	72.6	130	170	ug/Kg
98-95-3	Nitrobenzene	74.2	U	74.2	130	170	ug/Kg
78-59-1	Isophorone	67.2	U	67.2	130	170	ug/Kg
88-75-5	2-Nitrophenol	93.8	U	93.8	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	98.3	U	98.3	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	77	U	77	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	76.4	U	76.4	130	170	ug/Kg
65-85-0	Benzoic acid	210	U	210	270	330	ug/Kg
91-20-3	Naphthalene	80.3	U	80.3	130	170	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	82.9	U	82.9	130	170	ug/Kg
105-60-2	Caprolactam	120	U	120	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	81.4	U	81.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	93.6	U	93.6	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2023 12:00:00 AM
Project:		Date Received:	12/12/2023 12:00:00 AM
Client Sample ID:	597-P-2	SDG No.:	BG122023
Lab Sample ID:	O5791-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	39.2
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060117.D	1	12/13/2023 12:00:00 AM	12/21/2023 12:00:00 AM	PB157746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	210	U	210	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	76.1	U	76.1	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	86.7	U	86.7	130	170	ug/Kg
92-52-4	1,1-Biphenyl	90.1	U	90.1	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.5	U	83.5	130	170	ug/Kg
88-74-4	2-Nitroaniline	98	U	98	130	170	ug/Kg
131-11-3	Dimethylphthalate	87.7	U	87.7	130	170	ug/Kg
208-96-8	Acenaphthylene	87.2	U	87.2	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	88.8	U	88.8	130	170	ug/Kg
99-09-2	3-Nitroaniline	92.1	U	92.1	130	170	ug/Kg
83-32-9	Acenaphthene	79.2	U	79.2	130	170	ug/Kg
Total PAH	Total PAH	1421.4	U	1421.4	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	270	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	270	330	ug/Kg
132-64-9	Dibenzofuran	75.9	U	75.9	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	98.5	U	98.5	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	187.3	U	187.3	130	340	ug/Kg
84-66-2	Diethylphthalate	84.7	U	84.7	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	89.2	U	89.2	130	170	ug/Kg
86-73-7	Fluorene	83.7	U	83.7	130	170	ug/Kg
100-01-6	4-Nitroaniline	100	U	100	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	86.6	U	86.6	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	92	U	92	130	170	ug/Kg
103-33-3	Azobenzene	72.5	U	72.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	96.1	U	96.1	130	170	ug/Kg
118-74-1	Hexachlorobenzene	97.5	U	97.5	130	170	ug/Kg
1912-24-9	Atrazine	94.1	U	94.1	130	170	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	270	330	ug/Kg
85-01-8	Phenanthrene	91.4	U	91.4	130	170	ug/Kg
120-12-7	Anthracene	100	U	100	130	170	ug/Kg
86-74-8	Carbazole	83.7	U	83.7	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	130	170	ug/Kg
206-44-0	Fluoranthene	93.1	U	93.1	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2023 12:00:00 AM
Project:		Date Received:	12/12/2023 12:00:00 AM
Client Sample ID:	597-P-2	SDG No.:	BG122023
Lab Sample ID:	O5791-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	39.2
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060117.D	1	12/13/2023 12:00:00 AM	12/21/2023 12:00:00 AM	PB157746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	190	U	190	270	330	ug/Kg
129-00-0	Pyrene	82.6	U	82.6	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	82.8	U	82.8	130	170	ug/Kg
218-01-9	Chrysene	85.6	U	85.6	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	79.2	U	79.2	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	86.9	U	86.9	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	95.2	U	95.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	91.2	U	91.2	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	88.2	U	88.2	130	170	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	81.8	U	81.8	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	89	U	89	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	74.695		18-112		50	SPK: -150
13127-88-3	Phenol-d6	73.962		15-107		49	SPK: -150
4165-60-0	Nitrobenzene-d5	63.009		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	62.204		20-109		62	SPK: -100
118-79-6	2,4,6-Tribromophenol	99.714		10-110		66	SPK: -150
1718-51-0	Terphenyl-d14	62.389		14-112		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	47689	7.95				
1146-65-2	Naphthalene-d8	167979	10.758				
15067-26-2	Acenaphthene-d10	156161	14.589				
1517-22-2	Phenanthrene-d10	473464	17.339				
1719-03-5	Chrysene-d12	597528	21.61				
1520-96-3	Perylene-d12	672909	24.8				



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Report of Analysis

Client:		Date Collected:	12/12/2023 12:00:00 AM
Project:		Date Received:	12/12/2023 12:00:00 AM
Client Sample ID:	597-P-2	SDG No.:	BG122023
Lab Sample ID:	O5791-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	39.2
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060117.D	1	12/13/2023 12:00:00 AM	12/21/2023 12:00:00 AM	PB157746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	360	J			3.138	
000057-55-6	Propylene Glycol	23100	J			3.784	
	unknown14.794	220	J			14.794	

Report of Analysis

Client:		Date Collected:	12/14/2023 12:00:00 AM
Project:		Date Received:	12/14/2023 12:00:00 AM
Client Sample ID:	CHRT-20017	SDG No.:	BG122023
Lab Sample ID:	O5831-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.1
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060118.D	2	12/15/2023 12:00:00 AM	12/21/2023 12:00:00 AM	PB157810

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	400	490	ug/Kg
110-86-1	Pyridine	110	U	110	190	250	ug/Kg
100-52-7	Benzaldehyde	220	U	220	400	490	ug/Kg
62-53-3	Aniline	170	U	170	190	250	ug/Kg
108-95-2	Phenol	110	U	110	190	250	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	130	U	130	190	250	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	190	250	ug/Kg
95-50-1	1,2-Dichlorobenzene	120	U	120	190	250	ug/Kg
541-73-1	1,3-Dichlorobenzene	130	U	130	190	250	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	190	250	ug/Kg
100-51-6	Benzyl Alcohol	150	U	150	400	490	ug/Kg
95-48-7	2-Methylphenol	170	U	170	190	250	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	160	U	160	190	250	ug/Kg
98-86-2	Acetophenone	130	U	130	190	250	ug/Kg
65794-96-9	3+4-Methylphenols	160	U	160	400	490	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	87.5	U	87.5	120	120	ug/Kg
67-72-1	Hexachloroethane	110	U	110	190	250	ug/Kg
98-95-3	Nitrobenzene	110	U	110	190	250	ug/Kg
78-59-1	Isophorone	100	U	100	190	250	ug/Kg
88-75-5	2-Nitrophenol	140	U	140	190	250	ug/Kg
105-67-9	2,4-Dimethylphenol	150	U	150	190	250	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	170	U	170	190	250	ug/Kg
120-83-2	2,4-Dichlorophenol	120	U	120	190	250	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	190	250	ug/Kg
65-85-0	Benzoic acid	320	U	320	400	490	ug/Kg
91-20-3	Naphthalene	130	J	120	190	250	ug/Kg
106-47-8	4-Chloroaniline	160	U	160	190	250	ug/Kg
87-68-3	Hexachlorobutadiene	120	U	120	190	250	ug/Kg
105-60-2	Caprolactam	170	U	170	400	490	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	190	250	ug/Kg
91-57-6	2-Methylnaphthalene	360		140	190	250	ug/Kg

Report of Analysis

Client:		Date Collected:	12/14/2023 12:00:00 AM
Project:		Date Received:	12/14/2023 12:00:00 AM
Client Sample ID:	CHRT-20017	SDG No.:	BG122023
Lab Sample ID:	O5831-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.1
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060118.D	2	12/15/2023 12:00:00 AM	12/21/2023 12:00:00 AM	PB157810

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	310	U	310	400	490	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	190	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	U	130	190	250	ug/Kg
92-52-4	1,1-Biphenyl	140	U	140	190	250	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	190	250	ug/Kg
88-74-4	2-Nitroaniline	150	U	150	190	250	ug/Kg
131-11-3	Dimethylphthalate	130	U	130	190	250	ug/Kg
208-96-8	Acenaphthylene	130	U	130	190	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	U	130	190	250	ug/Kg
99-09-2	3-Nitroaniline	140	U	140	190	250	ug/Kg
83-32-9	Acenaphthene	120	U	120	190	250	ug/Kg
Total PAH	Total PAH	8490	U	2130	190	4000	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	400	490	ug/Kg
100-02-7	4-Nitrophenol	170	U	170	400	490	ug/Kg
132-64-9	Dibenzofuran	110	U	110	190	250	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	280	U	280	190	500	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	U	150	190	250	ug/Kg
84-66-2	Diethylphthalate	130	U	130	190	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	130	U	130	190	250	ug/Kg
86-73-7	Fluorene	130	J	130	190	250	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	190	250	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	400	490	ug/Kg
86-30-6	n-Nitrosodiphenylamine	140	U	140	190	250	ug/Kg
103-33-3	Azobenzene	110	U	110	190	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	140	190	250	ug/Kg
118-74-1	Hexachlorobenzene	150	U	150	190	250	ug/Kg
1912-24-9	Atrazine	140	U	140	190	250	ug/Kg
87-86-5	Pentachlorophenol	160	U	160	400	490	ug/Kg
85-01-8	Phenanthrene	1000		140	190	250	ug/Kg
120-12-7	Anthracene	200	J	150	190	250	ug/Kg
86-74-8	Carbazole	130	U	130	190	250	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	150	190	250	ug/Kg
206-44-0	Fluoranthene	1700		140	190	250	ug/Kg

Report of Analysis

Client:		Date Collected:	12/14/2023 12:00:00 AM
Project:		Date Received:	12/14/2023 12:00:00 AM
Client Sample ID:	CHRT-20017	SDG No.:	BG122023
Lab Sample ID:	O5831-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.1
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060118.D	2	12/15/2023 12:00:00 AM	12/21/2023 12:00:00 AM	PB157810

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	290	U	290	400	490	ug/Kg
129-00-0	Pyrene	1500		120	190	250	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	190	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	240	U	240	400	490	ug/Kg
56-55-3	Benzo(a)anthracene	710		120	190	250	ug/Kg
218-01-9	Chrysene	760		130	190	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	690		170	190	250	ug/Kg
117-84-0	Di-n-octyl phthalate	180	U	180	400	490	ug/Kg
205-99-2	Benzo(b)fluoranthene	780		120	190	250	ug/Kg
207-08-9	Benzo(k)fluoranthene	370		130	190	250	ug/Kg
50-32-8	Benzo(a)pyrene	720		140	190	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220	J	160	190	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	U	140	190	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	270		140	190	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	130	U	130	190	250	ug/Kg
123-91-1	1,4-Dioxane	170	U	170	190	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	120	U	120	190	250	ug/Kg
90-12-0	1-Methylnaphthalene	250		130	250	250	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	75.906		18-112		51	SPK: -150
13127-88-3	Phenol-d6	83.428		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	74.702		18-107		75	SPK: -100
321-60-8	2-Fluorobiphenyl	74.528		20-109		75	SPK: -100
118-79-6	2,4,6-Tribromophenol	119.322		10-110		80	SPK: -150
1718-51-0	Terphenyl-d14	77.13		14-112		77	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	50516	7.95				
1146-65-2	Naphthalene-d8	179594	10.758				
15067-26-2	Acenaphthene-d10	165441	14.589				
1517-22-2	Phenanthrene-d10	479260	17.339				
1719-03-5	Chrysene-d12	618620	21.61				
1520-96-3	Perylene-d12	704281	24.818				

Report of Analysis

Client:		Date Collected:	12/14/2023 12:00:00 AM
Project:		Date Received:	12/14/2023 12:00:00 AM
Client Sample ID:	CHRT-20017	SDG No.:	BG122023
Lab Sample ID:	O5831-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.1
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060118.D	2	12/15/2023 12:00:00 AM	12/21/2023 12:00:00 AM	PB157810

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown3.144	260	J			3.144	
000544-25-2	1,3,5-Cycloheptatriene	130	J			4.149	
000873-49-4	Benzene, cyclopropyl-	190	J			8.326	
000585-34-2	Phenol, m-tert-butyl-	850	J			12.092	
000575-41-7	Naphthalene, 1,3-dimethyl-	150	J			13.914	
007338-50-3	Benzene, (2,4-cyclopentadien-1-yl)	160	J			14.654	
013187-99-0	2-Bromo dodecane	300	J			15.841	
006975-98-0	Decane, 2-methyl-	210	J			16.317	
	unknown17.145	240	J			17.145	
000832-69-9	Phenanthrene, 1-methyl-	240	J			18.22	
000779-02-2	Anthracene, 9-methyl-	300	J			18.261	
002531-84-2	Phenanthrene, 2-methyl-	140	J			18.349	
000203-64-5	4H-Cyclopenta[def]phenanthrene	310	J			18.414	
1000452-24-5	3,4-Dimethylphenanthrene	200	J			19.137	
006566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	170	J			19.454	
000238-84-6	11H-Benzo[a]fluorene	150	J			20.253	
064846-18-0	Cannabinol, TMS derivative	240	J			22.915	
123073-95-0	3a-Methoxy-9b-lanost-7-en-26,23-ol	1800	J			25.894	

Hit Summary Sheet

SW-846

SDG No.: BG122023

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW-6ADL								
O5670-03DL	MW-6ADL	Water	1-Methylnaphthalene	12.100	JD	10.4	25	ug/L
O5670-03DL	MW-6ADL	Water	2-Methylnaphthalene	20.500	JD	11.2	25	ug/L
O5670-03DL	MW-6ADL	Water	2-Methylphenol	170.000	D	10.3	25	ug/L
O5670-03DL	MW-6ADL	Water	3+4-Methylphenols	20.700	JD	10.8	50	ug/L
O5670-03DL	MW-6ADL	Water	Naphthalene	150.000	D	8.5	25	ug/L
Total Svoc :				373.30				
Total Concentration:				373.30				
Client ID : SP-E3-COMPARE								
O5767-07RE	SP-E3-COMPARE	Solid	Anthracene	140.000	J	120	190	ug/Kg
O5767-07RE	SP-E3-COMPARE	Solid	Benzo(a)anthracene	560.000		95.8	190	ug/Kg
O5767-07RE	SP-E3-COMPARE	Solid	Benzo(a)pyrene	570.000		110	190	ug/Kg
O5767-07RE	SP-E3-COMPARE	Solid	Benzo(b)fluoranthene	730.000		91.7	190	ug/Kg
O5767-07RE	SP-E3-COMPARE	Solid	Benzo(g,h,i)perylene	300.000		110	190	ug/Kg
O5767-07RE	SP-E3-COMPARE	Solid	Benzo(k)fluoranthene	270.000		100	190	ug/Kg
O5767-07RE	SP-E3-COMPARE	Solid	Chrysene	520.000		99.2	190	ug/Kg
O5767-07RE	SP-E3-COMPARE	Solid	Dibenzo(a,h)anthracene	110.000	J	110	190	ug/Kg
O5767-07RE	SP-E3-COMPARE	Solid	Fluoranthene	960.000		110	190	ug/Kg
O5767-07RE	SP-E3-COMPARE	Solid	Indeno(1,2,3-cd)pyrene	260.000		120	190	ug/Kg
O5767-07RE	SP-E3-COMPARE	Solid	Phenanthrene	490.000		110	190	ug/Kg
O5767-07RE	SP-E3-COMPARE	Solid	Pyrene	790.000		95.6	190	ug/Kg
Total Svoc :				5,700.00				
Total Concentration:				5,700.00				
Client ID : 597-P-2								
O5791-03	597-P-2	Solid	Butane, 2-methoxy-2-methyl-	*	360.000	J		
O5791-03	597-P-2	Solid	Propylene Glycol	*	23,100.000	J		
O5791-03	597-P-2	Solid	unknown14.794	*	220.000	J		
Total Tics :				23,680.00				
Total Concentration:				23,680.00				
Client ID : MW-1B-EE-NN								
O5791-11	MW-1B-EE-NN	Water	Butane, 2-methoxy-2-methyl-	*	39.000	J		
O5791-11	MW-1B-EE-NN	Water	Guanidine	*	6.400	J		
O5791-11	MW-1B-EE-NN	Water	Phenol, 4-(1,1-dimethylpropyl)-	*	2.400	J		
O5791-11	MW-1B-EE-NN	Water	Phosphonic acid, diphenyl ester	*	2.100	J		
O5791-11	MW-1B-EE-NN	Water	unknown18.223	*	4.800	J		
O5791-11	MW-1B-EE-NN	Water	unknown21.255	*	2.400	J		
Total Tics :				57.10				
O5791-11	MW-1B-EE-NN	Water	Benzyl Alcohol		15.700	2.4	10	ug/L
Total Svoc :				15.70				

Hit Summary Sheet SW-846

SDG No.: BG122023

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	72.80				
Client ID :	RT-SB-04-10-11							
O5796-01	RT-SB-04-10-11	Solid	2-Pentanone, 4-hydroxy-4-methyl *	260.000	A			
O5796-01	RT-SB-04-10-11	Solid	unknown18.227	100.000	J			
O5796-01	RT-SB-04-10-11	Solid	unknown3.133	310.000	J			
			Total Tics :	670.00				
O5796-01	RT-SB-04-10-11	Solid	Benzo(b)fluoranthene	120.000	J	96.4	200	ug/Kg
O5796-01	RT-SB-04-10-11	Solid	Fluoranthene	190.000	J	110	200	ug/Kg
O5796-01	RT-SB-04-10-11	Solid	Phenanthrene	120.000	J	110	200	ug/Kg
O5796-01	RT-SB-04-10-11	Solid	Pyrene	140.000	J	100	200	ug/Kg
			Total Svoc :	570.00				
			Total Concentration:	1,240.00				
Client ID :	RT-SB-07-10-11							
O5827-03	RT-SB-07-10-11	Solid	unknown3.138	330.000	J			
			Total Tics :	330.00				
O5827-03	RT-SB-07-10-11	Solid	Benzo(b)fluoranthene	110.000	J	95.1	200	ug/Kg
O5827-03	RT-SB-07-10-11	Solid	Chrysene	100.000	J	100	200	ug/Kg
O5827-03	RT-SB-07-10-11	Solid	Fluoranthene	130.000	J	110	200	ug/Kg
O5827-03	RT-SB-07-10-11	Solid	Pyrene	130.000	J	99.1	200	ug/Kg
			Total Svoc :	470.00				
			Total Concentration:	800.00				
Client ID :	RT-SB-09-10.5-11.5							
O5827-09	RT-SB-09-10.5-11.5	Solid	11H-Benzo[a]fluoren-11-one *	170.000	J			
O5827-09	RT-SB-09-10.5-11.5	Solid	1H-Cyclopropa[1]phenanthrene,1a *	210.000	J			
O5827-09	RT-SB-09-10.5-11.5	Solid	2-Cyclopropen-1-one, 2,3-dipheny *	79.900	J			
O5827-09	RT-SB-09-10.5-11.5	Solid	3,4-Dimethylphenanthrene *	200.000	J			
O5827-09	RT-SB-09-10.5-11.5	Solid	5,16[1,2]:8,13[1,2]-Dibenzen *	150.000	J			
O5827-09	RT-SB-09-10.5-11.5	Solid	7H-Benz[de]anthracen-7-one *	130.000	J			
O5827-09	RT-SB-09-10.5-11.5	Solid	9,10-Anthracenedione *	160.000	J			
O5827-09	RT-SB-09-10.5-11.5	Solid	9H-Fluoren-9-one *	120.000	J			
O5827-09	RT-SB-09-10.5-11.5	Solid	Anthracene, 9-methyl- *	99.900	J			
O5827-09	RT-SB-09-10.5-11.5	Solid	Benzo[e]pyrene *	650.000	J			
O5827-09	RT-SB-09-10.5-11.5	Solid	Cyclopenta(def)phenanthrenone *	270.000	J			
O5827-09	RT-SB-09-10.5-11.5	Solid	Phenanthrene, 1-methyl- *	250.000	J			
O5827-09	RT-SB-09-10.5-11.5	Solid	Phenanthrene, 2-methyl- *	120.000	J			
O5827-09	RT-SB-09-10.5-11.5	Solid	Pyrene, 1-methyl- *	97.600	J			
O5827-09	RT-SB-09-10.5-11.5	Solid	unknown3.133	460.000	J			
			Total Tics :	3,167.40				
O5827-09	RT-SB-09-10.5-11.5	Solid	Benzo(a)anthracene	880.000		96.7	200	ug/Kg
O5827-09	RT-SB-09-10.5-11.5	Solid	Benzo(a)pyrene	540.000		110	200	ug/Kg
O5827-09	RT-SB-09-10.5-11.5	Solid	Benzo(b)fluoranthene	920.000		92.5	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG122023

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O5827-09	RT-SB-09-10.5-11.5	Solid	Benzo(g,h,i)perylene	330.000		110	200	ug/Kg
O5827-09	RT-SB-09-10.5-11.5	Solid	Benzo(k)fluoranthene	330.000		100	200	ug/Kg
O5827-09	RT-SB-09-10.5-11.5	Solid	Carbazole	100.000	J	97.8	200	ug/Kg
O5827-09	RT-SB-09-10.5-11.5	Solid	Chrysene	810.000		100	200	ug/Kg
O5827-09	RT-SB-09-10.5-11.5	Solid	Dibenzo(a,h)anthracene	130.000	J	110	200	ug/Kg
O5827-09	RT-SB-09-10.5-11.5	Solid	Fluoranthene	1,600.000		110	200	ug/Kg
O5827-09	RT-SB-09-10.5-11.5	Solid	Indeno(1,2,3-cd)pyrene	360.000		120	200	ug/Kg
O5827-09	RT-SB-09-10.5-11.5	Solid	Phenanthrene	660.000		110	200	ug/Kg
O5827-09	RT-SB-09-10.5-11.5	Solid	Pyrene	1,200.000		96.4	200	ug/Kg
Total Svoc :				7,860.00				
Total Concentration:				11,027.40				
Client ID :	MW-14DL2							
O5829-10DL2	MW-14DL2	Water	1-Methylnaphthalene	480.000	D	86.7	210	ug/L
O5829-10DL2	MW-14DL2	Water	2-Methylnaphthalene	330.000	D	92.9	210	ug/L
O5829-10DL2	MW-14DL2	Water	Acenaphthene	87.500	JD	71.7	210	ug/L
O5829-10DL2	MW-14DL2	Water	Naphthalene	1,700.000	D	70.4	210	ug/L
O5829-10DL2	MW-14DL2	Water	Total PAH	1,787.000	JD	1285	3360	ug/L
Total Svoc :				4,384.50				
Total Concentration:				4,384.50				
Client ID :	CHRT-20017							
O5831-01	CHRT-20017	Solid	1,3,5-Cycloheptatriene	*	130.000	J		
O5831-01	CHRT-20017	Solid	10,18-Bisnorabieta-5,7,9(10),11,1	*	170.000	J		
O5831-01	CHRT-20017	Solid	11H-Benzo[a]fluorene	*	150.000	J		
O5831-01	CHRT-20017	Solid	2-Bromo dodecane	*	300.000	J		
O5831-01	CHRT-20017	Solid	3,4-Dimethylphenanthrene	*	200.000	J		
O5831-01	CHRT-20017	Solid	3a-Methoxy-9b-lanost-7-en-26,23	*	1,800.000	J		
O5831-01	CHRT-20017	Solid	4H-Cyclopenta[def]phenanthrene	*	310.000	J		
O5831-01	CHRT-20017	Solid	Anthracene, 9-methyl-	*	300.000	J		
O5831-01	CHRT-20017	Solid	Benzene, (2,4-cyclopentadien-1-y	*	160.000	J		
O5831-01	CHRT-20017	Solid	Benzene, cyclopropyl-	*	190.000	J		
O5831-01	CHRT-20017	Solid	Cannabinol, TMS derivative	*	240.000	J		
O5831-01	CHRT-20017	Solid	Decane, 2-methyl-	*	210.000	J		
O5831-01	CHRT-20017	Solid	Naphthalene, 1,3-dimethyl-	*	150.000	J		
O5831-01	CHRT-20017	Solid	Phenanthrene, 1-methyl-	*	240.000	J		
O5831-01	CHRT-20017	Solid	Phenanthrene, 2-methyl-	*	140.000	J		
O5831-01	CHRT-20017	Solid	Phenol, m-tert-butyl-	*	850.000	J		
O5831-01	CHRT-20017	Solid	unknown17.145	*	240.000	J		
O5831-01	CHRT-20017	Solid	unknown3.144	*	260.000	J		
Total Tics :				6,040.00				
O5831-01	CHRT-20017	Solid	1-Methylnaphthalene	250.000		130	250	ug/Kg
O5831-01	CHRT-20017	Solid	2-Methylnaphthalene	360.000		140	250	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG122023

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O5831-01	CHRT-20017	Solid	Anthracene	200.000	J	150	250	ug/Kg
O5831-01	CHRT-20017	Solid	Benzo(a)anthracene	710.000		120	250	ug/Kg
O5831-01	CHRT-20017	Solid	Benzo(a)pyrene	720.000		140	250	ug/Kg
O5831-01	CHRT-20017	Solid	Benzo(b)fluoranthene	780.000		120	250	ug/Kg
O5831-01	CHRT-20017	Solid	Benzo(g,h,i)perylene	270.000		140	250	ug/Kg
O5831-01	CHRT-20017	Solid	Benzo(k)fluoranthene	370.000		130	250	ug/Kg
O5831-01	CHRT-20017	Solid	Bis(2-ethylhexyl)phthalate	690.000		170	250	ug/Kg
O5831-01	CHRT-20017	Solid	Chrysene	760.000		130	250	ug/Kg
O5831-01	CHRT-20017	Solid	Fluoranthene	1,700.000		140	250	ug/Kg
O5831-01	CHRT-20017	Solid	Fluorene	130.000	J	130	250	ug/Kg
O5831-01	CHRT-20017	Solid	Indeno(1,2,3-cd)pyrene	220.000	J	160	250	ug/Kg
O5831-01	CHRT-20017	Solid	Naphthalene	130.000	J	120	250	ug/Kg
O5831-01	CHRT-20017	Solid	Phenanthrene	1,000.000		140	250	ug/Kg
O5831-01	CHRT-20017	Solid	Pyrene	1,500.000		120	250	ug/Kg
Total Svoc :				9,790.00				
Total Concentration:				15,830.00				
Client ID : CHRT-20103								
O5832-01	CHRT-20103	Solid	1-Propanol, 2,2-oxybis-	*	170.000	J		
O5832-01	CHRT-20103	Solid	2-Butanol, 1-methoxy-	*	150.000	J		
O5832-01	CHRT-20103	Solid	2-Propanol, 1,1-oxybis-	*	420.000	J		
O5832-01	CHRT-20103	Solid	Butane, 2-methoxy-2-methyl-	*	400.000	J		
O5832-01	CHRT-20103	Solid	Tricosane, 2-methyl-	*	730.000	J		
O5832-01	CHRT-20103	Solid	unknown14.333	*	100.000	J		
O5832-01	CHRT-20103	Solid	unknown14.421	*	110.000	J		
Total Tics :				2,080.00				
O5832-01	CHRT-20103	Solid	Benzo(a)anthracene	97.500	J	91.8	190	ug/Kg
O5832-01	CHRT-20103	Solid	Benzo(b)fluoranthene	150.000	J	87.8	190	ug/Kg
O5832-01	CHRT-20103	Solid	Bis(2-ethylhexyl)phthalate	690.000		130	190	ug/Kg
O5832-01	CHRT-20103	Solid	Chrysene	120.000	J	94.9	190	ug/Kg
O5832-01	CHRT-20103	Solid	Fluoranthene	260.000		100	190	ug/Kg
O5832-01	CHRT-20103	Solid	Phenanthrene	120.000	J	100	190	ug/Kg
O5832-01	CHRT-20103	Solid	Pyrene	170.000	J	91.6	190	ug/Kg
Total Svoc :				1,607.50				
Total Concentration:				3,687.50				
Client ID : SOUTH-WALL								
O5853-01	SOUTH-WALL	Solid	Anthracene	150.000	J	110	190	ug/Kg
O5853-01	SOUTH-WALL	Solid	Benzo(a)anthracene	410.000		93.6	190	ug/Kg
O5853-01	SOUTH-WALL	Solid	Benzo(a)pyrene	380.000		110	190	ug/Kg
O5853-01	SOUTH-WALL	Solid	Benzo(b)fluoranthene	460.000		89.6	190	ug/Kg
O5853-01	SOUTH-WALL	Solid	Benzo(g,h,i)perylene	250.000		100	190	ug/Kg
O5853-01	SOUTH-WALL	Solid	Benzo(k)fluoranthene	170.000	J	98.3	190	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG122023

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O5883-03	EO-02-121523	Solid	Hexadecane	*	330.000	J		
O5883-03	EO-02-121523	Solid	Methyl 9-cis,11-trans-octadecadie	*	840.000	J		
O5883-03	EO-02-121523	Solid	Nonane, 4,5-dimethyl-	*	300.000	J		
O5883-03	EO-02-121523	Solid	Oxalic acid, dodecyl isobutyl este	*	340.000	J		
O5883-03	EO-02-121523	Solid	Pentadecane	*	360.000	J		
O5883-03	EO-02-121523	Solid	Tetracontane, 3,5,24-trimethyl-	*	280.000	J		
O5883-03	EO-02-121523	Solid	unknown19.172	*	360.000	J		
Total Tics :					2,810.00			
O5883-03	EO-02-121523	Solid	Benzo(b)fluoranthene		300.000	J 280	580	ug/Kg
O5883-03	EO-02-121523	Solid	Fluoranthene		490.000	J 320	580	ug/Kg
O5883-03	EO-02-121523	Solid	Pyrene		580.000	290	580	ug/Kg
Total Svoc :					1,370.00			
Total Concentration:					4,180.00			
Client ID : WC-121423								
O5887-01	WC-121423	Solid	unknown3.142	*	240.000	J		
Total Tics :					240.00			
Total Concentration:					240.00			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BG121323

SAS No.: BG121323

SDG No.: BG121323

Instrument ID:

Calibration Date(s): 12/13/2023

Calibration Time(s): 11:59

LAB FILE ID:		RRF2.5 = BG059992.D			RRF005 = BG059993.D		RRF010 = BG059994.D	
		RRF020 = BG059995.D			RRF040 = BG059996.D		RRF050 = BG059997.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.891	0.784	0.758	0.755	0.675	0.762	8.7
Pyridine		1.540	1.550	1.547	1.605	1.503	1.548	1.9
2-Fluorophenol		1.235	1.293	1.276	1.097	1.013	1.168	9.2
Benzaldehyde			1.169	1.157	1.041	0.899	0.999	14.6
Aniline		1.652	1.607	1.718	1.739	1.683	1.674	2.6
Phenol-d6		1.654	1.662	1.657	1.678	1.594	1.643	1.7
Phenol		1.621	1.583	1.709	1.702	1.626	1.651	2.8
bis(2-Chloroethyl)ether		1.258	1.184	1.259	1.190	1.117	1.182	5.0
2-Chlorophenol		1.180	1.086	1.113	1.126	1.055	1.107	3.7
1,2-Dichlorobenzene		1.675	1.501	1.494	1.473	1.385	1.482	6.5
1,3-Dichlorobenzene		1.550	1.512	1.490	1.537	1.392	1.481	3.9
1,4-Dichlorobenzene		1.679	1.635	1.571	1.528	1.423	1.541	6.1
Benzyl Alcohol		1.340	1.253	1.330	1.352	1.291	1.321	2.7
2-Methylphenol		1.067	1.090	1.137	1.164	1.064	1.101	3.4
2,2-oxybis(1-Chloropropane)		2.247	2.114	2.195	2.138	1.996	2.115	4.1
Acetophenone		0.578	0.568	0.619	0.596	0.569	0.583	3.4
3+4-Methylphenols		1.634	1.474	1.582	1.553	1.472	1.537	3.8
n-Nitroso-di-n-propylamine	0.985	1.018	1.019	1.118	1.097	1.058	1.060	4.6
Nitrobenzene-d5		0.431	0.401	0.437	0.455	0.441	0.440	4.7
Hexachloroethane		0.506	0.457	0.473	0.483	0.437	0.467	4.9
Nitrobenzene		0.423	0.422	0.456	0.463	0.445	0.447	4.0
Isophorone		0.839	0.826	0.864	0.880	0.821	0.843	3.1
2-Nitrophenol		0.150	0.153	0.164	0.168	0.165	0.164	6.2
2,4-Dimethylphenol		0.225	0.209	0.243	0.236	0.215	0.225	5.2
bis(2-Chloroethoxy)methane		0.453	0.421	0.452	0.447	0.416	0.435	3.8
2,4-Dichlorophenol		0.395	0.381	0.423	0.412	0.405	0.405	3.4
1,2,4-Trichlorobenzene		0.557	0.526	0.572	0.557	0.532	0.548	3.0
Benzoic acid		0.163	0.163	0.214	0.216	0.229	0.205	14.3
Naphthalene		1.100	1.015	1.075	1.063	0.990	1.041	4.0
4-Chloroaniline		0.397	0.384	0.416	0.407	0.387	0.396	3.2
Hexachlorobutadiene		0.508	0.496	0.508	0.514	0.483	0.502	2.5
Caprolactam		0.094	0.105	0.107	0.106	0.099	0.103	4.7
4-Chloro-3-methylphenol		0.344	0.349	0.390	0.385	0.365	0.368	5.0
2-Methylnaphthalene		0.832	0.814	0.835	0.837	0.806	0.817	2.6
Hexachlorocyclopentadiene		0.424	0.376	0.416	0.441	0.439	0.431	6.8
2,4,6-Trichlorophenol		0.589	0.573	0.590	0.603	0.561	0.585	2.9

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BG121323

SAS No.: BG121323

SDG No.: BG121323

Instrument ID:

Calibration Date(s): 12/13/2023

Calibration Time(s): 11:59

LAB FILE ID:		RRF2.5 = BG059992.D		RRF005 = BG059993.D		RRF010 = BG059994.D		
		RRF020 = BG059995.D		RRF040 = BG059996.D		RRF050 = BG059997.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.720	1.642	1.661	1.657	1.554	1.634	3.5
2,4,5-Trichlorophenol		0.625	0.594	0.652	0.664	0.634	0.636	3.6
1,1-Biphenyl		1.540	1.462	1.509	1.521	1.420	1.483	3.1
2-Chloronaphthalene		1.322	1.277	1.296	1.333	1.228	1.285	2.9
2-Nitroaniline		0.244	0.244	0.263	0.286	0.283	0.277	10.1
Dimethylphthalate		1.604	1.544	1.585	1.573	1.493	1.552	2.6
Acenaphthylene		1.788	1.726	1.772	1.823	1.699	1.757	2.5
2,6-Dinitrotoluene		0.291	0.305	0.319	0.332	0.324	0.322	5.8
3-Nitroaniline		0.251	0.253	0.248	0.257	0.257	0.257	2.8
Acenaphthene		1.207	1.220	1.216	1.208	1.180	1.210	1.6
2,4-Dinitrophenol		0.177	0.204	0.241	0.249	0.254	0.237	14.3
4-Nitrophenol		0.189	0.218	0.214	0.221	0.220	0.216	5.8
Dibenzofuran		1.980	1.964	2.041	2.002	1.917	1.969	2.4
2,4-Dinitrotoluene		0.409	0.415	0.457	0.464	0.454	0.452	6.6
Diethylphthalate		1.445	1.413	1.449	1.461	1.375	1.428	2.2
4-Chlorophenyl-phenylether		1.173	1.189	1.194	1.214	1.165	1.196	2.0
Fluorene		1.738	1.631	1.713	1.680	1.579	1.660	3.5
4-Nitroaniline		0.276	0.265	0.291	0.283	0.277	0.280	2.9
4,6-Dinitro-2-methylphenol		0.107	0.118	0.122	0.130	0.130	0.125	8.5
n-Nitrosodiphenylamine		0.491	0.480	0.497	0.497	0.473	0.489	2.1
Azobenzene		1.466	1.365	1.454	1.444	1.358	1.408	3.3
2,4,6-Tribromophenol		0.459	0.467	0.474	0.468	0.455	0.466	1.6
4-Bromophenyl-phenylether		0.280	0.276	0.283	0.288	0.276	0.282	2.3
Hexachlorobenzene		0.333	0.324	0.329	0.336	0.321	0.330	1.9
Atrazine		0.226	0.224	0.203	0.172	0.152	0.187	19.4
Pentachlorophenol		0.188	0.201	0.225	0.223	0.216	0.214	6.5
Phenanthrene		1.023	0.979	0.992	0.974	0.920	0.969	3.8
Anthracene		1.014	0.963	1.012	0.985	0.930	0.974	3.6
Carbazole		0.874	0.834	0.870	0.830	0.787	0.828	4.3
Di-n-butylphthalate		0.766	0.747	0.781	0.764	0.729	0.755	2.6
Fluoranthene		1.535	1.464	1.469	1.420	1.333	1.414	5.9
Benzidine		0.206	0.149	0.202	0.400	0.325	0.257	33.1
Pyrene		1.290	1.207	1.290	1.248	1.146	1.212	5.8
Terphenyl-d14		1.239	1.173	1.246	1.144	1.011	1.095	13.0
Butylbenzylphthalate		0.209	0.196	0.219	0.225	0.217	0.218	5.5
3,3-Dichlorobenzidine		0.435	0.411	0.454	0.468	0.443	0.442	4.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG121323 SAS No.: BG121323 SDG No.: BG121323
Instrument ID: _____ Calibration Date(s): 12/13/2023
Calibration Time(s): 11:59

LAB FILE ID:		RRF2.5 = BG059992.D			RRF005 = BG059993.D		RRF010 = BG059994.D	
		RRF020 = BG059995.D			RRF040 = BG059996.D		RRF050 = BG059997.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.388	1.330	1.421	1.378	1.304	1.343	4.3
Chrysene		1.329	1.264	1.349	1.310	1.213	1.273	4.6
Bis(2-ethylhexyl)phthalate		0.319	0.299	0.338	0.333	0.331	0.330	5.0
Di-n-octyl phthalate		0.537	0.528	0.580	0.586	0.565	0.571	5.2
Benzo(b)fluoranthene		1.260	1.218	1.254	1.276	1.178	1.235	2.8
Benzo(k)fluoranthene		1.241	1.201	1.233	1.227	1.132	1.198	3.6
Benzo(a)pyrene		1.119	1.079	1.113	1.124	1.038	1.094	3.0
Indeno(1,2,3-cd)pyrene		1.424	1.398	1.446	1.464	1.362	1.427	2.7
Dibenzo(a,h)anthracene		1.180	1.171	1.220	1.213	1.140	1.194	2.7
Benzo(g,h,i)perylene		1.226	1.150	1.194	1.220	1.130	1.187	3.1
1,2,4,5-Tetrachlorobenzene		1.019	1.026	1.053	1.060	1.005	1.043	2.6
1,4-Dioxane		0.569	0.609	0.553	0.576	0.513	0.553	6.3
2,3,4,6-Tetrachlorophenol		0.664	0.684	0.672	0.657	0.651	0.662	1.9
1-Methylnaphthalene		0.813	0.797	0.834	0.821	0.790	0.807	2.9

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG122023 SAS No.: BG122023 SDG NO.: BG122023

EPA Sample No.: SSTDICCC040 Date Analyzed: Dec 21 2023 12:00AM

Lab File ID: BG059996.D Time Analyzed: 03:58

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	62907	7.955	232327	10.76	192712	14.59
UPPER LIMIT	125814	8.455	464654	11.263	385424	15.094
LOWER LIMIT	31453.5	7.455	116163.5	10.263	96356	14.094
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG122023 SAS No.: BG122023 SDG NO.: BG122023

EPA Sample No.: SSTDCCC040 Date Analyzed: Dec 20 2023 12:00AM

Lab File ID: BG060099.D Time Analyzed: 12:00

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	46408	7.953	180084	10.76	182527	14.59
UPPER LIMIT	92816	8.453	360168	11.261	365054	15.092
LOWER LIMIT	23204	7.453	90042	10.261	91263.5	14.092
EPA SAMPLE NO.						
01 PB157861BL	44140	7.95	161412	10.75	163009	14.59
02 SOUTH-WALL	57818	7.95	204222	10.76	190289	14.59
03 EAST-WALL	53343	7.95	187199	10.75	179819	14.59

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECHLab Code: CHEM Case No.: BG122023 SAS No.: BG122023 SDG NO.: BG122023EPA Sample No.: SSTDCCC040 Date Analyzed: Dec 20 2023 12:00AMLab File ID: BG060104.D Time Analyzed: 19:12Instrument 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	32710	7.946	124401	10.76	129252	14.59
	UPPER LIMIT	65420	8.446	248802	11.255	258504	15.085
	LOWER LIMIT	16355	7.446	62200.5	10.255	64626	14.085
	EPA SAMPLE NO.						
01	PB157507BL	30174	7.95	105131	10.76	111901	14.58
02	MW-14DL2	28471	7.94	109655	10.75	125609	14.59
03	EO-02-121523	50598	7.95	170740	10.75	154383	14.58
04	TR-04-121523	49982	7.95	165558	10.75	155677	14.59
05	MW-6ADL	50311	7.95	170979	10.76	159924	14.59
06	MW-1B-EE-NN	50266	7.95	171324	10.76	162845	14.59
07	RT-SB-04-10-11	38914	7.95	143085	10.75	148533	14.59
08	RT-SB-09-10.5-11.5	38323	7.95	130102	10.75	131872	14.59
09	RT-SB-07-10-11	46287	7.95	156719	10.75	145985	14.59
10	SP-E3-COMPRES	40989	7.95	143362	10.75	133510	14.59
11	CHRT-20103	47481	7.95	150636	10.76	146549	14.59
12	WC-121423	51514	7.95	174854	10.76	157365	14.59
13	597-P-2	47689	7.95	167979	10.76	156161	14.59
14	CHRT-20017	50516	7.95	179594	10.76	165441	14.59

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 LOWER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG122023 SAS No.: BG122023 SDG NO.: BG122023

EPA Sample No.: SSTDICCC040 Date Analyzed: Dec 20 2023 12:00AM

Lab File ID: BG059996.D Time Analyzed: 12:00

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	568762	17.344	674221	21.615	769276	24.8
UPPER LIMIT	1137524	17.844	1348442	22.115	1538552	25.3
LOWER LIMIT	284381	16.844	337110.5	21.115	384638	24.3
EPA SAMPLE NO.						
01 PB157861BL	597647	17.34	774439	21.60	799781	24.79
02 SOUTH-WALL	556822	17.34	642608	21.61	737353	24.80
03 EAST-WALL	522799	17.33	602278	21.61	696350	24.80
04 PB157507BL	449789	17.33	621204	21.60	710519	24.79
05 MW-14DL2	473941	17.33	653021	21.60	752635	24.79
06 EO-02-121523	470968	17.33	621408	21.60	733530	24.79
07 TR-04-121523	455395	17.33	598676	21.61	698263	24.80
08 MW-6ADL	473131	17.34	600592	21.61	703886	24.80
09 MW-1B-EE-NN	478815	17.34	609186	21.61	685240	24.80
10 RT-SB-04-10-11	451229	17.34	593606	21.61	714579	24.80
11 RT-SB-09-10.5-11.5	392933	17.34	497614	21.61	588034	24.81
12 RT-SB-07-10-11	434720	17.34	570384	21.62	672215	24.82
13 SP-E3-COMPRES	396765	17.34	507680	21.61	578330	24.80
14 CHRT-20103	429971	17.34	593217	21.62	657010	24.82
15 WC-121423	476085	17.34	599988	21.61	701667	24.80
16 597-P-2	473464	17.34	597528	21.61	672909	24.80
17 CHRT-20017	479260	17.34	618620	21.61	704281	24.82

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG122023 SAS No.: BG122023 SDG NO.: BG122023

EPA Sample No.: SSTDICCC040 Date Analyzed: Dec 21 2023 12:00AM

Lab File ID: BG059996.D Time Analyzed: 03:58

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	568762	17.344	674221	21.615	769276	24.8
UPPER LIMIT	1137524	17.844	1348442	22.115	1538552	25.3
LOWER LIMIT	284381	16.844	337110.5	21.115	384638	24.3
EPA SAMPLE NO.						

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.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG122023 SAS No.: BG122023 SDG NO.: BG122023

EPA Sample No.: SSTDCCC040 Date Analyzed: Dec 20 2023 12:00AM

Lab File ID: BG060099.D Time Analyzed: 12:00

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	583296	17.336	676471	21.613	732095	24.798
UPPER LIMIT	1166592	17.836	1352942	22.113	1464190	25.298
LOWER LIMIT	291648	16.836	338235.5	21.113	366047.5	24.298
EPA SAMPLE NO.						
01 PB157861BL	597647	17.34	774439	21.60	799781	24.79
02 SOUTH-WALL	556822	17.34	642608	21.61	737353	24.80
03 EAST-WALL	522799	17.33	602278	21.61	696350	24.80

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.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG122023 SAS No.: BG122023 SDG NO.: BG122023

EPA Sample No.: SSTDCCC040 Date Analyzed: Dec 20 2023 12:00AM

Lab File ID: BG060104.D Time Analyzed: 19:12

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	431083	17.335	567996	21.607	635863	24.797
UPPER LIMIT	862166	17.835	1135992	22.107	1271726	25.297
LOWER LIMIT	215541.5	16.835	283998	21.107	317931.5	24.297
EPA SAMPLE NO.						
01 PB157507BL	449789	17.33	621204	21.60	710519	24.79
02 MW-14DL2	473941	17.33	653021	21.60	752635	24.79
03 EO-02-121523	470968	17.33	621408	21.60	733530	24.79
04 TR-04-121523	455395	17.33	598676	21.61	698263	24.80
05 MW-6ADL	473131	17.34	600592	21.61	703886	24.80
06 MW-1B-EE-NN	478815	17.34	609186	21.61	685240	24.80
07 RT-SB-04-10-11	451229	17.34	593606	21.61	714579	24.80
08 RT-SB-09-10.5-11.5	392933	17.34	497614	21.61	588034	24.81
09 RT-SB-07-10-11	434720	17.34	570384	21.62	672215	24.82
10 SP-E3-COMPTE	396765	17.34	507680	21.61	578330	24.80
11 CHRT-20103	429971	17.34	593217	21.62	657010	24.82
12 WC-121423	476085	17.34	599988	21.61	701667	24.80
13 597-P-2	473464	17.34	597528	21.61	672909	24.80
14 CHRT-20017	479260	17.34	618620	21.61	704281	24.82

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.



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB157507BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG122023SAS No.: BG122023 SDG NO.: BG122023Lab File ID: BG060105.DLab Sample ID: PB157507BLInstrument ID: BNA_GDate Extracted: 12/01/2023Matrix: (soil/water) waterDate Analyzed: 12/20/2023Level: (low/med) LOWTime Analyzed: 19:12

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

COMMENTS:



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

RT-SB-04-10-11

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG122023SAS No.: BG122023 SDG NO.: BG122023Lab File ID: BG060111.DLab Sample ID: O5796-01Instrument ID: BNA_GDate Extracted: 12/13/2023Matrix: (soil/water) SolidDate Analyzed: 12/20/2023Level: (low/med) LOWTime Analyzed: 23:15

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
RT-SB-04-10-11	O5796-01	BG060111.D	12/20/2023
597-P-2	O5791-03	BG060117.D	12/21/2023

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

MW-1B-EE-NN

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG122023SAS No.: BG122023 SDG NO.: BG122023Lab File ID: BG060110.DLab Sample ID: O5791-11Instrument ID: BNA_GDate Extracted: 12/13/2023Matrix: (soil/water) WaterDate Analyzed: 12/20/2023Level: (low/med) LOWTime Analyzed: 22:34

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MW-1B-EE-NN	O5791-11	BG060110.D	12/20/2023

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

RT-SB-09-10.5-11.5

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG122023SAS No.: BG122023 SDG NO.: BG122023Lab File ID: BG060112.DLab Sample ID: O5827-09Instrument ID: BNA_GDate Extracted: 12/14/2023Matrix: (soil/water) SolidDate Analyzed: 12/20/2023Level: (low/med) LOWTime Analyzed: 23:55

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
RT-SB-09-10.5-11.5	O5827-09	BG060112.D	12/20/2023
RT-SB-07-10-11	O5827-03	BG060113.D	12/21/2023

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

CHRT-20103

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BG122023

SAS No.: BG122023 SDG NO.: BG122023

Lab File ID: BG060115.D

Lab Sample ID: O5832-01

Instrument ID: BNA_G

Date Extracted: 12/15/2023

Matrix: (soil/water) Solid

Date Analyzed: 12/21/2023

Level: (low/med) LOW

Time Analyzed: 01:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
CHRT-20103	O5832-01	BG060115.D	12/21/2023
SOUTH-WALL	O5853-01	BG060101.D	12/20/2023
EAST-WALL	O5853-04	BG060102.D	12/20/2023
CHRT-20017	O5831-01	BG060118.D	12/21/2023

COMMENTS:



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB157861BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG122023SAS No.: BG122023 SDG NO.: BG122023Lab File ID: BG060100.DLab Sample ID: PB157861BLInstrument ID: BNA_GDate Extracted: 12/18/2023Matrix: (soil/water) SolidDate Analyzed: 12/20/2023Level: (low/med) LOWTime Analyzed: 12:00

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EO-02-121523	05883-03	BG060107.D	12/20/2023
TR-04-121523	05882-01	BG060108.D	12/20/2023
WC-121423	05887-01	BG060116.D	12/21/2023

COMMENTS: _____



Surrogate Summary
SW-846

SDG No.: BG122023

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB157507BL	PB157507BL	BG060105.D	2-Fluorophenol	150	102.74	68		10	139
			Phenol-d6	150	109.52	73		10	134
			Nitrobenzene-d5	100	92.02	92		49	133
			2-Fluorobiphenyl	100	84.82	85		52	132
			2,4,6-Tribromophenol	150	177.48	118		32	145
			Terphenyl-d14	100	90.62	91		36	145



Surrogate Summary
SW-846

SDG No.: BG122023

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O5670-03DL	MW-6ADL	BG060109.D	2-Fluorophenol	150	44.51	30		10	139
			Phenol-d6	150	30.08	20		10	134
			Nitrobenzene-d5	100	109.29	109		49	133
			2-Fluorobiphenyl	100	105.76	106		52	132
			2,4,6-Tribromophenol	150	171.03	114		32	145
			Terphenyl-d14	100	109.45	109		36	145



Surrogate Summary
SW-846

SDG No.: BG122023

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O5767-07RE	SP-E3-COMP	BG060114.D	2-Fluorophenol	150	72.04	48		18	112
			Phenol-d6	150	69.47	46		15	107
			Nitrobenzene-d5	100	62.51	63		18	107
			2-Fluorobiphenyl	100	56.32	56		20	109
			2,4,6-Tribromophenol	150	93.28	62		10	110
			Terphenyl-d14	100	52.62	53		14	112



Surrogate Summary
SW-846

SDG No.: BG122023

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O5791-03	597-P-2	BG060117.D	2-Fluorophenol	150	74.70	50		18	112
			Phenol-d6	150	73.96	49		15	107
			Nitrobenzene-d5	100	63.01	63		18	107
			2-Fluorobiphenyl	100	62.20	62		20	109
			2,4,6-Tribromophenol	150	99.71	66		10	110
			Terphenyl-d14	100	62.39	62		14	112
O5796-01	RT-SB-04-10-11	BG060111.D	2-Fluorophenol	150	59.61	40		18	112
			Phenol-d6	150	69.41	46		15	107
			Nitrobenzene-d5	100	59.45	59		18	107
			2-Fluorobiphenyl	100	54.06	54		20	109
			2,4,6-Tribromophenol	150	74.75	50		10	110
			Terphenyl-d14	100	55.90	56		14	112



Surrogate Summary
SW-846

SDG No.: BG122023

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O5791-11	MW-1B-EE-NN	BG060110.D	2-Fluorophenol	150	54.14	36		10	139
			Phenol-d6	150	35.18	23		10	134
			Nitrobenzene-d5	100	52.70	53		49	133
			2-Fluorobiphenyl	100	48.68	49	*	52	132
			2,4,6-Tribromophenol	150	161.62	108		32	145
			Terphenyl-d14	100	49.08	49		36	145



Surrogate Summary
SW-846

SDG No.: BG122023

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O5827-03	RT-SB-07-10-11	BG060113.D	2-Fluorophenol	150	68.38	46		18	112
			Phenol-d6	150	70.16	47		15	107
			Nitrobenzene-d5	100	62.70	63		18	107
			2-Fluorobiphenyl	100	60.96	61		20	109
			2,4,6-Tribromophenol	150	85.47	57		10	110
			Terphenyl-d14	100	57.93	58		14	112
O5827-09	RT-SB-09-10.5-11.5	BG060112.D	2-Fluorophenol	150	68.90	46		18	112
			Phenol-d6	150	81.05	54		15	107
			Nitrobenzene-d5	100	76.88	77		18	107
			2-Fluorobiphenyl	100	66.21	66		20	109
			2,4,6-Tribromophenol	150	103.57	69		10	110
			Terphenyl-d14	100	64.05	64		14	112



Surrogate Summary
SW-846

SDG No.: BG122023

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O5829-10DL2	MW-14DL2	BG060106.D	2-Fluorophenol	150	64.82	43		10	139
			Phenol-d6	150	58.08	39		10	134
			Nitrobenzene-d5	100	111.14	111		49	133
			2-Fluorobiphenyl	100	103.96	104		52	132
			2,4,6-Tribromophenol	150	198.56	132		32	145
			Terphenyl-d14	100	123.10	123		36	145



Surrogate Summary

SW-846

SDG No.: BG122023

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O5831-01	CHRT-20017	BG060118.D	2-Fluorophenol	150	75.91	51		18	112
			Phenol-d6	150	83.43	56		15	107
			Nitrobenzene-d5	100	74.70	75		18	107
			2-Fluorobiphenyl	100	74.53	75		20	109
			2,4,6-Tribromophenol	150	119.32	80		10	110
			Terphenyl-d14	100	77.13	77		14	112
O5832-01	CHRT-20103	BG060115.D	2-Fluorophenol	150	60.58	40		18	112
			Phenol-d6	150	68.14	45		15	107
			Nitrobenzene-d5	100	67.80	68		18	107
			2-Fluorobiphenyl	100	62.77	63		20	109
			2,4,6-Tribromophenol	150	99.78	67		10	110
			Terphenyl-d14	100	62.49	62		14	112
O5853-01	SOUTH-WALL	BG060101.D	2-Fluorophenol	150	64.12	43		18	112
			Phenol-d6	150	68.47	46		15	107
			Nitrobenzene-d5	100	57.28	57		18	107
			2-Fluorobiphenyl	100	55.41	55		20	109
			2,4,6-Tribromophenol	150	92.83	62		10	110
			Terphenyl-d14	100	59.43	59		14	112
O5853-04	EAST-WALL	BG060102.D	2-Fluorophenol	150	64.75	43		18	112
			Phenol-d6	150	72.93	49		15	107
			Nitrobenzene-d5	100	58.47	58		18	107
			2-Fluorobiphenyl	100	56.59	57		20	109
			2,4,6-Tribromophenol	150	94.59	63		10	110
			Terphenyl-d14	100	58.62	59		14	112



Surrogate Summary
SW-846

SDG No.: BG122023

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O5882-01	TR-04-121523	BG060108.D	2-Fluorophenol	150	62.57	42		18	112
			Phenol-d6	150	74.11	49		15	107
			Nitrobenzene-d5	100	71.03	71		18	107
			2-Fluorobiphenyl	100	67.70	68		20	109
			2,4,6-Tribromophenol	150	99.13	66		10	110
			Terphenyl-d14	100	69.04	69		14	112
O5883-03	EO-02-121523	BG060107.D	2-Fluorophenol	150	59.44	40		18	112
			Phenol-d6	150	64.53	43		15	107
			Nitrobenzene-d5	100	58.77	59		18	107
			2-Fluorobiphenyl	100	54.62	55		20	109
			2,4,6-Tribromophenol	150	86.46	58		10	110
			Terphenyl-d14	100	56.12	56		14	112
O5887-01	WC-121423	BG060116.D	2-Fluorophenol	150	69.11	46		18	112
			Phenol-d6	150	76.25	51		15	107
			Nitrobenzene-d5	100	68.76	69		18	107
			2-Fluorobiphenyl	100	64.60	65		20	109
			2,4,6-Tribromophenol	150	106.89	71		10	110
			Terphenyl-d14	100	56.59	57		14	112
PB157861BL	PB157861BL	BG060100.D	2-Fluorophenol	150	110.21	73		18	112
			Phenol-d6	150	119.42	80		15	107
			Nitrobenzene-d5	100	88.86	89		18	107
			2-Fluorobiphenyl	100	85.65	86		20	109
			2,4,6-Tribromophenol	150	165.74	110		10	110
			Terphenyl-d14	100	89.37	89		14	112



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: CHEMTECHContract: BG122023Lab Code: CHEMSAS No.: BG122023 SDG NO.: BG122023Lab File ID: BG060098.DDFTPP Injection Date: 12/20/2023Instrument ID: BNA_GDFTPP Injection Time: 09:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	17.6
68	Less than 2.0% of mass 69	0.3 (1.8) 1
69	Mass 69 relative abundance	18
70	Less than 2.0% of mass 69	0.1 (0.3) 1
127	10.0 - 80.0% of mass 198	16.9
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	4.8
275	10.0 - 60.0% of mass 198	26.8
365	Greater than 1% of mass 198	5.1
441	Present, but less than mass 443	16.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	21 (21) 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
SSTDCCC040	SSTDCCC040	BG060099.D	12/20/2023	10:39
PB157861BL	PB157861BL	BG060100.D	12/20/2023	12:00
SOUTH-WALL	O5853-01	BG060101.D	12/20/2023	12:47
EAST-WALL	O5853-04	BG060102.D	12/20/2023	13:27



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG122023

Lab Code: CHEM

SAS No.: BG122023 SDG NO.: BG122023

Lab File ID: BG060103.D

DFTPP Injection Date: 12/20/2023

Instrument ID: BNA_G

DFTPP Injection Time: 17:04

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	18.7
68	Less than 2.0% of mass 69	0.1 (0.8) 1
69	Mass 69 relative abundance	18
70	Less than 2.0% of mass 69	0.1 (0.3) 1
127	10.0 - 80.0% of mass 198	16.8
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	5.1
275	10.0 - 60.0% of mass 198	26.8
365	Greater than 1% of mass 198	6.1
441	Present, but less than mass 443	16.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (19.4) 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
SSTDCCC040	SSTDCCC040	BG060104.D	12/20/2023	17:44
PB157507BL	PB157507BL	BG060105.D	12/20/2023	19:12
MW-14DL2	O5829-10DL2	BG060106.D	12/20/2023	19:52
EO-02-121523	O5883-03	BG060107.D	12/20/2023	20:33
TR-04-121523	O5882-01	BG060108.D	12/20/2023	21:13
MW-6ADL	O5670-03DL	BG060109.D	12/20/2023	21:54
MW-1B-EE-NN	O5791-11	BG060110.D	12/20/2023	22:34
RT-SB-04-10-11	O5796-01	BG060111.D	12/20/2023	23:15
RT-SB-09-10.5-11.5	O5827-09	BG060112.D	12/20/2023	23:55
RT-SB-07-10-11	O5827-03	BG060113.D	12/21/2023	00:36
SP-E3-COMPRE	O5767-07RE	BG060114.D	12/21/2023	01:16
CHRT-20103	O5832-01	BG060115.D	12/21/2023	01:56
WC-121423	O5887-01	BG060116.D	12/21/2023	02:37
597-P-2	O5791-03	BG060117.D	12/21/2023	03:17
CHRT-20017	O5831-01	BG060118.D	12/21/2023	03:58