

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BF122923 SAS No.: BF122923 SDG No.: BF122923
 Instrument ID: BNA_F Calibration Date/Time: 12/29/2023 : 09:32
 Lab File ID: BF136818.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____
 GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.696	0.688		-1.149	
Pyridine	1.303	1.344		3.147	
2-Fluorophenol	1.282	1.346		4.992	
Benzaldehyde	0.945	0.945		0.0	
Aniline	1.661	1.642		-1.144	
Phenol-d6	1.661	1.666		0.301	
Phenol	1.773	1.787		0.79	20.0
bis(2-Chloroethyl)ether	1.348	1.347		-0.074	
2-Chlorophenol	1.403	1.428		1.782	
1,2-Dichlorobenzene	1.455	1.500		3.093	
1,3-Dichlorobenzene	1.530	1.570		2.614	
1,4-Dichlorobenzene	1.564	1.597		2.11	20.0
Benzyl Alcohol	1.121	1.156		3.122	
2-Methylphenol	1.162	1.159		-0.258	
2,2-oxybis(1-Chloropropane)	2.205	2.120		-3.855	
Acetophenone	0.501	0.503		0.399	
3+4-Methylphenols	1.452	1.441		-0.758	
n-Nitroso-di-n-propylamine	1.007	0.964	0.050	-4.27	
Nitrobenzene-d5	0.391	0.387		-1.023	
Hexachloroethane	0.568	0.574		1.056	
Nitrobenzene	0.392	0.391		-0.255	
Isophorone	0.711	0.690		-2.954	
2-Nitrophenol	0.187	0.194		3.743	20.0
2,4-Dimethylphenol	0.228	0.229		0.439	
bis(2-Chloroethoxy)methane	0.432	0.426		-1.389	
2,4-Dichlorophenol	0.294	0.297		1.02	20.0
1,2,4-Trichlorobenzene	0.327	0.328		0.306	
Benzoic acid	0.221	0.209		-5.43	
Naphthalene	1.099	1.099		0.0	
4-Chloroaniline	0.406	0.389		-4.187	
Hexachlorobutadiene	0.199	0.199		0.0	20.0
Caprolactam	0.097	0.106		9.278	
4-Chloro-3-methylphenol	0.331	0.323		-2.417	20.0
2-Methylnaphthalene	0.707	0.699		-1.132	
Hexachlorocyclopentadiene	0.172	0.152	0.050	-11.628	
2,4,6-Trichlorophenol	0.397	0.411		3.526	20.0
2-Fluorobiphenyl	1.487	1.524		2.488	
2,4,5-Trichlorophenol	0.443	0.445		0.451	
1,1-Biphenyl	1.678	1.735		3.397	
2-Chloronaphthalene	1.276	1.313		2.9	
2-Nitroaniline	0.400	0.389		-2.75	

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

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dimethylphthalate	1.461	1.465		0.274	
Acenaphthylene	1.950	1.978		1.436	
2,6-Dinitrotoluene	0.332	0.334		0.602	
3-Nitroaniline	0.351	0.346		-1.425	
Acenaphthene	1.209	1.212		0.248	20.0
2,4-Dinitrophenol	0.165	0.194	0.050	17.576	
4-Nitrophenol	0.237	0.251	0.050	5.907	
Dibenzofuran	1.832	1.806		-1.419	
2,4-Dinitrotoluene	0.430	0.421		-2.093	
Diethylphthalate	1.516	1.467		-3.232	
4-Chlorophenyl-phenylether	0.707	0.699		-1.132	
Fluorene	1.454	1.443		-0.757	
4-Nitroaniline	0.339	0.312		-7.965	
4,6-Dinitro-2-methylphenol	0.115	0.122		6.087	
n-Nitrosodiphenylamine	0.650	0.687		5.692	20.0
Azobenzene	1.416	1.368		-3.39	
2,4,6-Tribromophenol	0.236	0.227		-3.814	
4-Bromophenyl-phenylether	0.222	0.232		4.505	
Hexachlorobenzene	0.248	0.259		4.435	
Atrazine	0.166	0.147		-11.446	
Pentachlorophenol	0.115	0.107		-6.957	20.0
Phenanthrene	1.026	1.053		2.632	
Anthracene	1.039	1.069		2.887	
Carbazole	0.980	0.970		-1.02	
Di-n-butylphthalate	1.196	1.188		-0.669	
Fluoranthene	1.098	1.065		-3.005	20.0
Benzidine	0.590	0.560		-5.085	
Pyrene	1.963	2.001		1.936	
Terphenyl-d14	1.431	1.454		1.607	
Butylbenzylphthalate	0.714	0.747		4.622	
3,3-Dichlorobenzidine	0.394	0.445		12.944	
Benzo (a) anthracene	1.389	1.450		4.392	
Chrysene	1.358	1.358		0.0	
Bis (2-ethylhexyl) phthalate	0.899	0.989		10.011	
Di-n-octyl phthalate	1.390	1.575		13.309	20.0
Benzo (b) fluoranthene	1.336	1.303		-2.47	
Benzo (k) fluoranthene	1.262	1.180		-6.498	
Benzo (a) pyrene	1.128	1.123		-0.443	20.0
Indeno (1,2,3-cd) pyrene	1.444	1.574		9.003	
Dibenzo (a,h) anthracene	1.185	1.294		9.198	
Benzo (g,h,i) perylene	1.213	1.337		10.223	



7C

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GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
1,2,4,5-Tetrachlorobenzene	0.619	0.648		4.685	
1,4-Dioxane	0.534	0.553		3.558	20.0
2,3,4,6-Tetrachlorophenol	0.341	0.321		-5.865	
1-Methylnaphthalene	0.694	0.672		-3.17	

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF122923 SAS No.: BF122923 SDG No.: BF122923

Instrument ID: BNA_F Calibration Date/Time: 12/29/2023 : 21:56

Lab File ID: BF136841.D Init. Calib. Date(s): _____

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

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.696	0.673		-3.305	
Pyridine	1.303	1.302		-0.077	
2-Fluorophenol	1.282	1.320		2.964	
Benzaldehyde	0.945	0.853		-9.735	
Aniline	1.661	1.582		-4.756	
Phenol-d6	1.661	1.697		2.167	
Phenol	1.773	1.775		0.113	20.0
bis(2-Chloroethyl)ether	1.348	1.355		0.519	
2-Chlorophenol	1.403	1.433		2.138	
1,2-Dichlorobenzene	1.455	1.474		1.306	
1,3-Dichlorobenzene	1.530	1.562		2.092	
1,4-Dichlorobenzene	1.564	1.600		2.302	20.0
Benzyl Alcohol	1.121	1.081		-3.568	
2-Methylphenol	1.162	1.143		-1.635	
2,2-oxybis(1-Chloropropane)	2.205	2.122		-3.764	
Acetophenone	0.501	0.498		-0.599	
3+4-Methylphenols	1.452	1.430		-1.515	
n-Nitroso-di-n-propylamine	1.007	0.979	0.050	-2.781	
Nitrobenzene-d5	0.391	0.384		-1.79	
Hexachloroethane	0.568	0.581		2.289	
Nitrobenzene	0.392	0.386		-1.531	
Isophorone	0.711	0.690		-2.954	
2-Nitrophenol	0.187	0.195		4.278	20.0
2,4-Dimethylphenol	0.228	0.228		0.0	
bis(2-Chloroethoxy)methane	0.432	0.419		-3.009	
2,4-Dichlorophenol	0.294	0.294		0.0	20.0
1,2,4-Trichlorobenzene	0.327	0.334		2.141	
Benzoic acid	0.221	0.199		-9.955	
Naphthalene	1.099	1.099		0.0	
4-Chloroaniline	0.406	0.389		-4.187	
Hexachlorobutadiene	0.199	0.202		1.508	20.0
Caprolactam	0.097	0.107		10.309	
4-Chloro-3-methylphenol	0.331	0.318		-3.927	20.0
2-Methylnaphthalene	0.707	0.697		-1.414	
Hexachlorocyclopentadiene	0.172	0.248	0.050	44.186	
2,4,6-Trichlorophenol	0.397	0.420		5.793	20.0
2-Fluorobiphenyl	1.487	1.527		2.69	
2,4,5-Trichlorophenol	0.443	0.448		1.129	
1,1-Biphenyl	1.678	1.746		4.052	
2-Chloronaphthalene	1.276	1.323		3.683	
2-Nitroaniline	0.400	0.400		0.0	

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Dimethylphthalate	1.461	1.478		1.164	
Acenaphthylene	1.950	1.987		1.897	
2,6-Dinitrotoluene	0.332	0.337		1.506	
3-Nitroaniline	0.351	0.338		-3.704	
Acenaphthene	1.209	1.242		2.73	20.0
2,4-Dinitrophenol	0.165	0.224	0.050	35.758	
4-Nitrophenol	0.237	0.271	0.050	14.346	
Dibenzofuran	1.832	1.822		-0.546	
2,4-Dinitrotoluene	0.430	0.431		0.233	
Diethylphthalate	1.516	1.483		-2.177	
4-Chlorophenyl-phenylether	0.707	0.702		-0.707	
Fluorene	1.454	1.468		0.963	
4-Nitroaniline	0.339	0.296		-12.684	
4,6-Dinitro-2-methylphenol	0.115	0.124		7.826	
n-Nitrosodiphenylamine	0.650	0.698		7.385	20.0
Azobenzene	1.416	1.381		-2.472	
2,4,6-Tribromophenol	0.236	0.232		-1.695	
4-Bromophenyl-phenylether	0.222	0.236		6.306	
Hexachlorobenzene	0.248	0.263		6.048	
Atrazine	0.166	0.174		4.819	
Pentachlorophenol	0.115	0.130		13.043	20.0
Phenanthrene	1.026	1.070		4.288	
Anthracene	1.039	1.072		3.176	
Carbazole	0.980	0.976		-0.408	
Di-n-butylphthalate	1.196	1.236		3.344	
Fluoranthene	1.098	1.060		-3.461	20.0
Benzidine	0.590	0.339		-42.542	
Pyrene	1.963	2.037		3.77	
Terphenyl-d14	1.431	1.507		5.311	
Butylbenzylphthalate	0.714	0.771		7.983	
3,3-Dichlorobenzidine	0.394	0.428		8.629	
Benzo (a) anthracene	1.389	1.456		4.824	
Chrysene	1.358	1.384		1.915	
Bis (2-ethylhexyl) phthalate	0.899	1.051		16.908	
Di-n-octyl phthalate	1.390	1.647		18.489	20.0
Benzo (b) fluoranthene	1.336	1.282		-4.042	
Benzo (k) fluoranthene	1.262	1.171		-7.211	
Benzo (a) pyrene	1.128	1.132		0.355	20.0
Indeno (1,2,3-cd) pyrene	1.444	1.611		11.565	
Dibenzo (a,h) anthracene	1.185	1.316		11.055	
Benzo (g,h,i) perylene	1.213	1.365		12.531	



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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
1,2,4,5-Tetrachlorobenzene	0.619	0.651		5.17	
1,4-Dioxane	0.534	0.556		4.12	20.0
2,3,4,6-Tetrachlorophenol	0.341	0.332		-2.639	
1-Methylnaphthalene	0.694	0.676		-2.594	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	12/22/2023 12:00:00 AM
Project:		Date Received:	12/22/2023 12:00:00 AM
Client Sample ID:	PB157996BL	SDG No.:	BF122923
Lab Sample ID:	PB157996BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 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
BF136819.D	1	12/22/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	77.2	U	77.2	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	89.7	U	89.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	72	U	72	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	81.6	U	81.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	88.4	U	88.4	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	82.3	U	82.3	130	170	ug/Kg
100-51-6	Benzyl Alcohol	98.7	U	98.7	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	86.6	U	86.6	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	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	73.6	U	73.6	130	170	ug/Kg
98-95-3	Nitrobenzene	75.1	U	75.1	130	170	ug/Kg
78-59-1	Isophorone	68.1	U	68.1	130	170	ug/Kg
88-75-5	2-Nitrophenol	95	U	95	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	99.5	U	99.5	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	U	78	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	77.4	U	77.4	130	170	ug/Kg
65-85-0	Benzoic acid	210	U	210	270	330	ug/Kg
91-20-3	Naphthalene	81.3	U	81.3	130	170	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.9	U	83.9	130	170	ug/Kg
105-60-2	Caprolactam	120	U	120	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.4	U	82.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	94.8	U	94.8	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/22/2023 12:00:00 AM
Project:		Date Received:	12/22/2023 12:00:00 AM
Client Sample ID:	PB157996BL	SDG No.:	BF122923
Lab Sample ID:	PB157996BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 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
BF136819.D	1	12/22/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157996

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	U	77	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	87.8	U	87.8	130	170	ug/Kg
92-52-4	1,1-Biphenyl	91.2	U	91.2	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	84.5	U	84.5	130	170	ug/Kg
88-74-4	2-Nitroaniline	99.2	U	99.2	130	170	ug/Kg
131-11-3	Dimethylphthalate	88.8	U	88.8	130	170	ug/Kg
208-96-8	Acenaphthylene	88.3	U	88.3	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	89.9	U	89.9	130	170	ug/Kg
99-09-2	3-Nitroaniline	93.3	U	93.3	130	170	ug/Kg
83-32-9	Acenaphthene	80.2	U	80.2	130	170	ug/Kg
Total PAH	Total PAH	1436.7	U	1436.7	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	76.8	U	76.8	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	99.8	U	99.8	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	89.7	U	189.7	130	340	ug/Kg
84-66-2	Diethylphthalate	85.8	U	85.8	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.3	U	90.3	130	170	ug/Kg
86-73-7	Fluorene	84.7	U	84.7	130	170	ug/Kg
100-01-6	4-Nitroaniline	100	U	100	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87.7	U	87.7	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	93.2	U	93.2	130	170	ug/Kg
103-33-3	Azobenzene	73.5	U	73.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	97.3	U	97.3	130	170	ug/Kg
118-74-1	Hexachlorobenzene	98.7	U	98.7	130	170	ug/Kg
1912-24-9	Atrazine	95.3	U	95.3	130	170	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	270	330	ug/Kg
85-01-8	Phenanthrene	92.6	U	92.6	130	170	ug/Kg
120-12-7	Anthracene	100	U	100	130	170	ug/Kg
86-74-8	Carbazole	84.8	U	84.8	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	130	170	ug/Kg
206-44-0	Fluoranthene	94.3	U	94.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/22/2023 12:00:00 AM
Project:		Date Received:	12/22/2023 12:00:00 AM
Client Sample ID:	PB157996BL	SDG No.:	BF122923
Lab Sample ID:	PB157996BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 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
BF136819.D	1	12/22/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157996

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	83.6	U	83.6	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	83.8	U	83.8	130	170	ug/Kg
218-01-9	Chrysene	86.7	U	86.7	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	80.2	U	80.2	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	88	U	88	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	94.2	U	94.2	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	96.4	U	96.4	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	92.4	U	92.4	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	89.3	U	89.3	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	82.8	U	82.8	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	90.1	U	90.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	144.081		18-112		96	SPK: -150
13127-88-3	Phenol-d6	140.126		15-107		93	SPK: -150
4165-60-0	Nitrobenzene-d5	96.141		18-107		96	SPK: -100
321-60-8	2-Fluorobiphenyl	93.022		20-109		93	SPK: -100
118-79-6	2,4,6-Tribromophenol	135.471		10-110		90	SPK: -150
1718-51-0	Terphenyl-d14	85.912		14-112		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89718	6.781				
1146-65-2	Naphthalene-d8	351669	8.057				
15067-26-2	Acenaphthene-d10	185135	9.816				
1517-22-2	Phenanthrene-d10	362214	11.31				
1719-03-5	Chrysene-d12	228286	13.968				
1520-96-3	Perylene-d12	198910	15.451				



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Report of Analysis

Client:		Date Collected:	12/22/2023 12:00:00 AM
Project:		Date Received:	12/22/2023 12:00:00 AM
Client Sample ID:	PB157996BL	SDG No.:	BF122923
Lab Sample ID:	PB157996BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	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
BF136819.D	1	12/22/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	A			5.057	

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:	GHL-SS-15-2-4	SDG No.:	BF122923
Lab Sample ID:	O5899-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.2
Sample Wt/Vol:	30.05 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
BF136820.D	1	12/22/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	96.7	U	96.7	340	410	ug/Kg
110-86-1	Pyridine	90.6	U	90.6	160	210	ug/Kg
100-52-7	Benzaldehyde	190	U	190	340	410	ug/Kg
62-53-3	Aniline	150	U	150	160	210	ug/Kg
108-95-2	Phenol	93.1	U	93.1	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	160	210	ug/Kg
95-57-8	2-Chlorophenol	90.1	U	90.1	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	160	210	ug/Kg
100-51-6	Benzyl Alcohol	120	U	120	340	410	ug/Kg
95-48-7	2-Methylphenol	140	U	140	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	140	U	140	340	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	73.8	U	73.8	100	100	ug/Kg
67-72-1	Hexachloroethane	92.1	U	92.1	160	210	ug/Kg
98-95-3	Nitrobenzene	94.1	U	94.1	160	210	ug/Kg
78-59-1	Isophorone	85.2	U	85.2	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	140	U	140	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	97.7	U	97.7	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	97	U	97	160	210	ug/Kg
65-85-0	Benzoic acid	270	U	270	340	410	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	160	210	ug/Kg
105-60-2	Caprolactam	150	U	150	340	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	120	U	120	160	210	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:	GHL-SS-15-2-4	SDG No.:	BF122923
Lab Sample ID:	O5899-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.2
Sample Wt/Vol:	30.05 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
BF136820.D	1	12/22/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	260	U	260	340	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	96.5	U	96.5	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	160	210	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	160	210	ug/Kg
83-32-9	Acenaphthene	100	U	100	160	210	ug/Kg
Total PAH	Total PAH	1800	U	1800	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	340	410	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	340	410	ug/Kg
132-64-9	Dibenzofuran	96.2	U	96.2	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	160	210	ug/Kg
84-66-2	Diethylphthalate	110	U	110	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	110	U	110	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	340	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	120	U	120	160	210	ug/Kg
103-33-3	Azobenzene	92	U	92	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	160	210	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	160	210	ug/Kg
1912-24-9	Atrazine	120	U	120	160	210	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	340	410	ug/Kg
85-01-8	Phenanthrene	120	U	120	160	210	ug/Kg
120-12-7	Anthracene	130	U	130	160	210	ug/Kg
86-74-8	Carbazole	110	U	110	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	160	210	ug/Kg
206-44-0	Fluoranthene	120	U	120	160	210	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:	GHL-SS-15-2-4	SDG No.:	BF122923
Lab Sample ID:	O5899-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.2
Sample Wt/Vol:	30.05 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
BF136820.D	1	12/22/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	240	U	240	340	410	ug/Kg
129-00-0	Pyrene	100	U	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	200	U	200	340	410	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	160	210	ug/Kg
218-01-9	Chrysene	110	U	110	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	340	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	U	130	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	U	120	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	U	120	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	128.95		18-112		86	SPK: -150
13127-88-3	Phenol-d6	124.674		15-107		83	SPK: -150
4165-60-0	Nitrobenzene-d5	85.196		18-107		85	SPK: -100
321-60-8	2-Fluorobiphenyl	87.228		20-109		87	SPK: -100
118-79-6	2,4,6-Tribromophenol	126.563		10-110		84	SPK: -150
1718-51-0	Terphenyl-d14	80.958		14-112		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63385	6.781				
1146-65-2	Naphthalene-d8	250975	8.057				
15067-26-2	Acenaphthene-d10	126917	9.816				
1517-22-2	Phenanthrene-d10	240292	11.31				
1719-03-5	Chrysene-d12	139254	13.962				
1520-96-3	Perylene-d12	126993	15.445				



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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:	GHL-SS-15-2-4	SDG No.:	BF122923
Lab Sample ID:	O5899-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.2
Sample Wt/Vol:	30.05	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
BF136820.D	1	12/22/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	270	J			11.845	
015594-90-8	1-Heneicosanol	300	J			13.868	
000629-99-2	Pentacosane	140	J			15.092	
000112-95-8	Eicosane	170	J			15.927	

Report of Analysis

Client:		Date Collected:	12/21/2023 12:00:00 AM
Project:		Date Received:	12/21/2023 12:00:00 AM
Client Sample ID:	WC-D-COMP	SDG No.:	BF122923
Lab Sample ID:	O5994-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19
Sample Wt/Vol:	30.09	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
BF136821.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	95.1	U	95.1	330	410	ug/Kg
110-86-1	Pyridine	89.1	U	89.1	160	210	ug/Kg
100-52-7	Benzaldehyde	180	U	180	330	410	ug/Kg
62-53-3	Aniline	140	U	140	160	210	ug/Kg
108-95-2	Phenol	91.6	U	91.6	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	160	210	ug/Kg
95-57-8	2-Chlorophenol	88.6	U	88.6	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	160	210	ug/Kg
100-51-6	Benzyl Alcohol	120	U	120	330	410	ug/Kg
95-48-7	2-Methylphenol	140	U	140	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	130	U	130	330	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	72.6	U	72.6	98.5	98.5	ug/Kg
67-72-1	Hexachloroethane	90.6	U	90.6	160	210	ug/Kg
98-95-3	Nitrobenzene	92.6	U	92.6	160	210	ug/Kg
78-59-1	Isophorone	83.8	U	83.8	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	140	U	140	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	96.1	U	96.1	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	95.4	U	95.4	160	210	ug/Kg
65-85-0	Benzoic acid	260	U	260	330	410	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg
105-60-2	Caprolactam	140	U	140	330	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	120	U	120	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/21/2023 12:00:00 AM
Project:		Date Received:	12/21/2023 12:00:00 AM
Client Sample ID:	WC-D-COMP	SDG No.:	BF122923
Lab Sample ID:	O5994-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19
Sample Wt/Vol:	30.09 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
BF136821.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	260	U	260	330	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	94.9	U	94.9	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	98.8	U	98.8	160	210	ug/Kg
Total PAH	Total PAH	1767.6	U	1767.6	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	220	U	220	330	410	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	410	ug/Kg
132-64-9	Dibenzofuran	94.7	U	94.7	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	160	210	ug/Kg
84-66-2	Diethylphthalate	110	U	110	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	100	U	100	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	330	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	160	210	ug/Kg
103-33-3	Azobenzene	90.5	U	90.5	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	160	210	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	160	210	ug/Kg
1912-24-9	Atrazine	120	U	120	160	210	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	330	410	ug/Kg
85-01-8	Phenanthrene	110	U	110	160	210	ug/Kg
120-12-7	Anthracene	130	U	130	160	210	ug/Kg
86-74-8	Carbazole	100	U	100	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	160	210	ug/Kg
206-44-0	Fluoranthene	120	U	120	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/21/2023 12:00:00 AM
Project:		Date Received:	12/21/2023 12:00:00 AM
Client Sample ID:	WC-D-COMP	SDG No.:	BF122923
Lab Sample ID:	O5994-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19
Sample Wt/Vol:	30.09	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
BF136821.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	240	U	240	330	410	ug/Kg
129-00-0	Pyrene	100	U	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	200	U	200	330	410	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	160	210	ug/Kg
218-01-9	Chrysene	110	U	110	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	330	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	98.8	U	98.8	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	U	130	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	U	120	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	118.621		18-112		79	SPK: -150
13127-88-3	Phenol-d6	114.395		15-107		76	SPK: -150
4165-60-0	Nitrobenzene-d5	78.245		18-107		78	SPK: -100
321-60-8	2-Fluorobiphenyl	74.669		20-109		75	SPK: -100
118-79-6	2,4,6-Tribromophenol	114.376		10-110		76	SPK: -150
1718-51-0	Terphenyl-d14	68.457		14-112		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63230	6.781				
1146-65-2	Naphthalene-d8	247771	8.057				
15067-26-2	Acenaphthene-d10	130341	9.816				
1517-22-2	Phenanthrene-d10	246892	11.31				
1719-03-5	Chrysene-d12	159576	13.963				
1520-96-3	Perylene-d12	135471	15.445				



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Report of Analysis

Client:		Date Collected:	12/21/2023 12:00:00 AM
Project:		Date Received:	12/21/2023 12:00:00 AM
Client Sample ID:	WC-D-COMP	SDG No.:	BF122923
Lab Sample ID:	O5994-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19
Sample Wt/Vol:	30.09	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
BF136821.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	160	J			11.839	
1000314-56-3	Carbonic acid, octadecyl 2,2,2-tri	260	J			13.874	

Report of Analysis

Client:		Date Collected:	12/21/2023 12:00:00 AM
Project:		Date Received:	12/21/2023 12:00:00 AM
Client Sample ID:	WC-A-COMP	SDG No.:	BF122923
Lab Sample ID:	O5994-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.5
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
BF136822.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	94.6	U	94.6	330	400	ug/Kg
110-86-1	Pyridine	88.6	U	88.6	160	210	ug/Kg
100-52-7	Benzaldehyde	180	U	180	330	400	ug/Kg
62-53-3	Aniline	140	U	140	160	210	ug/Kg
108-95-2	Phenol	91	U	91	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	160	210	ug/Kg
95-57-8	2-Chlorophenol	88.1	U	88.1	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	160	210	ug/Kg
100-51-6	Benzyl Alcohol	120	U	120	330	400	ug/Kg
95-48-7	2-Methylphenol	140	U	140	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	130	U	130	330	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	72.2	U	72.2	97.9	97.9	ug/Kg
67-72-1	Hexachloroethane	90.1	U	90.1	160	210	ug/Kg
98-95-3	Nitrobenzene	92	U	92	160	210	ug/Kg
78-59-1	Isophorone	83.3	U	83.3	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	140	U	140	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	95.6	U	95.6	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	94.8	U	94.8	160	210	ug/Kg
65-85-0	Benzoic acid	260	U	260	330	400	ug/Kg
91-20-3	Naphthalene	99.6	U	99.6	160	210	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg
105-60-2	Caprolactam	140	U	140	330	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	120	U	120	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/21/2023 12:00:00 AM
Project:		Date Received:	12/21/2023 12:00:00 AM
Client Sample ID:	WC-A-COMP	SDG No.:	BF122923
Lab Sample ID:	O5994-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.5
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
BF136822.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	260	U	260	330	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	94.3	U	94.3	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	98.3	U	98.3	160	210	ug/Kg
Total PAH	Total PAH	1756.2	U	1756.2	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	220	U	220	330	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	400	ug/Kg
132-64-9	Dibenzofuran	94.1	U	94.1	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	160	210	ug/Kg
84-66-2	Diethylphthalate	110	U	110	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	100	U	100	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	330	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	160	210	ug/Kg
103-33-3	Azobenzene	89.9	U	89.9	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	160	210	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	160	210	ug/Kg
1912-24-9	Atrazine	120	U	120	160	210	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	330	400	ug/Kg
85-01-8	Phenanthrene	110	U	110	160	210	ug/Kg
120-12-7	Anthracene	120	U	120	160	210	ug/Kg
86-74-8	Carbazole	100	U	100	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	160	210	ug/Kg
206-44-0	Fluoranthene	120	U	120	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/21/2023 12:00:00 AM
Project:		Date Received:	12/21/2023 12:00:00 AM
Client Sample ID:	WC-A-COMP	SDG No.:	BF122923
Lab Sample ID:	O5994-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.5
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
BF136822.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	240	U	240	330	400	ug/Kg
129-00-0	Pyrene	100	U	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	200	U	200	330	400	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	160	210	ug/Kg
218-01-9	Chrysene	110	U	110	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	330	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	98.3	U	98.3	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	U	130	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	U	120	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	104.394		18-112		70	SPK: -150
13127-88-3	Phenol-d6	101.655		15-107		68	SPK: -150
4165-60-0	Nitrobenzene-d5	66.44		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	68.042		20-109		68	SPK: -100
118-79-6	2,4,6-Tribromophenol	102.131		10-110		68	SPK: -150
1718-51-0	Terphenyl-d14	62.071		14-112		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67644	6.781				
1146-65-2	Naphthalene-d8	266708	8.057				
15067-26-2	Acenaphthene-d10	135850	9.816				
1517-22-2	Phenanthrene-d10	257805	11.31				
1719-03-5	Chrysene-d12	152851	13.963				
1520-96-3	Perylene-d12	135156	15.445				



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Report of Analysis

Client:		Date Collected:	12/21/2023 12:00:00 AM
Project:		Date Received:	12/21/2023 12:00:00 AM
Client Sample ID:	WC-A-COMP	SDG No.:	BF122923
Lab Sample ID:	O5994-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.5
Sample Wt/Vol:	30.08	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
BF136822.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	270	J			11.845	
1000283-05-1	3-Chloropropionic acid, heptadecyl	300	J			13.863	

Report of Analysis

Client:		Date Collected:	12/21/2023 12:00:00 AM
Project:		Date Received:	12/21/2023 12:00:00 AM
Client Sample ID:	WC-B-COMP	SDG No.:	BF122923
Lab Sample ID:	O5994-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15
Sample Wt/Vol:	30.05 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
BF136823.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	90.8	U	90.8	320	390	ug/Kg
110-86-1	Pyridine	85	U	85	150	200	ug/Kg
100-52-7	Benzaldehyde	170	U	170	320	390	ug/Kg
62-53-3	Aniline	140	U	140	150	200	ug/Kg
108-95-2	Phenol	87.4	U	87.4	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	150	200	ug/Kg
95-57-8	2-Chlorophenol	84.6	U	84.6	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	96	U	96	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	96.8	U	96.8	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	69.3	U	69.3	94	94	ug/Kg
67-72-1	Hexachloroethane	86.4	U	86.4	150	200	ug/Kg
98-95-3	Nitrobenzene	88.3	U	88.3	150	200	ug/Kg
78-59-1	Isophorone	80	U	80	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	91.7	U	91.7	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	91	U	91	150	200	ug/Kg
65-85-0	Benzoic acid	250	U	250	320	390	ug/Kg
91-20-3	Naphthalene	95.6	U	95.6	150	200	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	98.7	U	98.7	150	200	ug/Kg
105-60-2	Caprolactam	140	U	140	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	96.9	U	96.9	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/21/2023 12:00:00 AM
Project:		Date Received:	12/21/2023 12:00:00 AM
Client Sample ID:	WC-B-COMP	SDG No.:	BF122923
Lab Sample ID:	O5994-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15
Sample Wt/Vol:	30.05 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
BF136823.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158038

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	90.6	U	90.6	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	99.4	U	99.4	150	200	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	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	110	U	110	150	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	150	200	ug/Kg
83-32-9	Acenaphthene	94.3	U	94.3	150	200	ug/Kg
Total PAH	Total PAH	1680.6	U	1680.6	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	90.3	U	90.3	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	99.6	U	99.6	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	86.3	U	86.3	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	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	99.7	U	99.7	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	150	200	ug/Kg
206-44-0	Fluoranthene	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/21/2023 12:00:00 AM
Project:		Date Received:	12/21/2023 12:00:00 AM
Client Sample ID:	WC-B-COMP	SDG No.:	BF122923
Lab Sample ID:	O5994-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15
Sample Wt/Vol:	30.05 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
BF136823.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158038

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	98.3	U	98.3	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	98.5	U	98.5	150	200	ug/Kg
218-01-9	Chrysene	100	U	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	140	U	140	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	94.3	U	94.3	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	97.4	U	97.4	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	104.647		18-112		70	SPK: -150
13127-88-3	Phenol-d6	102.464		15-107		68	SPK: -150
4165-60-0	Nitrobenzene-d5	67.553		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	67.07		20-109		67	SPK: -100
118-79-6	2,4,6-Tribromophenol	104.972		10-110		70	SPK: -150
1718-51-0	Terphenyl-d14	60.471		14-112		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	64284	6.781				
1146-65-2	Naphthalene-d8	253994	8.057				
15067-26-2	Acenaphthene-d10	130824	9.816				
1517-22-2	Phenanthrene-d10	256551	11.31				
1719-03-5	Chrysene-d12	159658	13.963				
1520-96-3	Perylene-d12	140708	15.445				



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

Report of Analysis

Client:		Date Collected:	12/21/2023 12:00:00 AM
Project:		Date Received:	12/21/2023 12:00:00 AM
Client Sample ID:	WC-B-COMP	SDG No.:	BF122923
Lab Sample ID:	O5994-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15
Sample Wt/Vol:	30.05	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
BF136823.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	280	J			11.845	
000822-23-1	Acetic acid n-octadecyl ester	93.2	J			13.868	

Report of Analysis

Client:		Date Collected:	12/22/2023 12:00:00 AM
Project:		Date Received:	12/22/2023 12:00:00 AM
Client Sample ID:	SB32-1-20231222-10.0-11.0	SDG No.:	BF122923
Lab Sample ID:	O6017-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	25.1
Sample Wt/Vol:	30.02 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
BF136824.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	360	440	ug/Kg
110-86-1	Pyridine	96.6	U	96.6	170	230	ug/Kg
100-52-7	Benzaldehyde	200	U	200	360	440	ug/Kg
62-53-3	Aniline	160	U	160	170	230	ug/Kg
108-95-2	Phenol	99.3	U	99.3	170	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	170	230	ug/Kg
95-57-8	2-Chlorophenol	96.1	U	96.1	170	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	170	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	230	ug/Kg
100-51-6	Benzyl Alcohol	130	U	130	360	440	ug/Kg
95-48-7	2-Methylphenol	150	U	150	170	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	170	230	ug/Kg
98-86-2	Acetophenone	120	U	120	170	230	ug/Kg
65794-96-9	3+4-Methylphenols	140	U	140	360	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	78.7	U	78.7	110	110	ug/Kg
67-72-1	Hexachloroethane	98.2	U	98.2	170	230	ug/Kg
98-95-3	Nitrobenzene	100	U	100	170	230	ug/Kg
78-59-1	Isophorone	90.9	U	90.9	170	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	170	230	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	170	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	150	U	150	170	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	170	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	170	230	ug/Kg
65-85-0	Benzoic acid	290	U	290	360	440	ug/Kg
91-20-3	Naphthalene	110	U	110	170	230	ug/Kg
106-47-8	4-Chloroaniline	140	U	140	170	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	230	ug/Kg
105-60-2	Caprolactam	160	U	160	360	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	170	230	ug/Kg
91-57-6	2-Methylnaphthalene	130	U	130	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	12/22/2023 12:00:00 AM
Project:		Date Received:	12/22/2023 12:00:00 AM
Client Sample ID:	SB32-1-20231222-10.0-11.0	SDG No.:	BF122923
Lab Sample ID:	O6017-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	25.1
Sample Wt/Vol:	30.02 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
BF136824.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	280	U	280	360	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	170	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	170	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	230	ug/Kg
131-11-3	Dimethylphthalate	120	U	120	170	230	ug/Kg
208-96-8	Acenaphthylene	120	U	120	170	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	170	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	230	ug/Kg
83-32-9	Acenaphthene	110	U	110	170	230	ug/Kg
Total PAH	Total PAH	1930	U	1930	170	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	360	440	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	360	440	ug/Kg
132-64-9	Dibenzofuran	100	U	100	170	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	U	130	170	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	250	U	250	170	460	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	170	230	ug/Kg
86-73-7	Fluorene	110	U	110	170	230	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	360	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	120	U	120	170	230	ug/Kg
103-33-3	Azobenzene	98.1	U	98.1	170	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	170	230	ug/Kg
118-74-1	Hexachlorobenzene	130	U	130	170	230	ug/Kg
1912-24-9	Atrazine	130	U	130	170	230	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	360	440	ug/Kg
85-01-8	Phenanthrene	120	U	120	170	230	ug/Kg
120-12-7	Anthracene	140	U	140	170	230	ug/Kg
86-74-8	Carbazole	110	U	110	170	230	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	170	230	ug/Kg
206-44-0	Fluoranthene	130	U	130	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	12/22/2023 12:00:00 AM
Project:		Date Received:	12/22/2023 12:00:00 AM
Client Sample ID:	SB32-1-20231222-10.0-11.0	SDG No.:	BF122923
Lab Sample ID:	O6017-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	25.1
Sample Wt/Vol:	30.02 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
BF136824.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	260	U	260	360	440	ug/Kg
129-00-0	Pyrene	110	U	110	170	230	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	170	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	210	U	210	360	440	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	170	230	ug/Kg
218-01-9	Chrysene	120	U	120	170	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	170	230	ug/Kg
117-84-0	Di-n-octyl phthalate	160	U	160	360	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	170	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	U	120	170	230	ug/Kg
50-32-8	Benzo(a)pyrene	130	U	130	170	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	140	170	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	170	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	U	120	170	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	170	230	ug/Kg
123-91-1	1,4-Dioxane	160	U	160	170	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	170	230	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	99.019		18-112		66	SPK: -150
13127-88-3	Phenol-d6	95.633		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	62.397		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	61.969		20-109		62	SPK: -100
118-79-6	2,4,6-Tribromophenol	95		10-110		63	SPK: -150
1718-51-0	Terphenyl-d14	52.433		14-112		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67481	6.781				
1146-65-2	Naphthalene-d8	264280	8.057				
15067-26-2	Acenaphthene-d10	133227	9.816				
1517-22-2	Phenanthrene-d10	258960	11.31				
1719-03-5	Chrysene-d12	162516	13.963				
1520-96-3	Perylene-d12	140254	15.445				

Report of Analysis

Client:		Date Collected:	12/22/2023 12:00:00 AM
Project:		Date Received:	12/22/2023 12:00:00 AM
Client Sample ID:	SB32-1-20231222-10.0-11.0	SDG No.:	BF122923
Lab Sample ID:	O6017-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	25.1
Sample Wt/Vol:	30.02 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
BF136824.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000565-75-3	Pentane, 2,3,4-trimethyl-	94.3	J			3.516	
000589-81-1	Heptane, 3-methyl-	89.4	J			3.987	
000103-65-1	Benzene, propyl-	89.8	J			6.246	
015869-89-3	Octane, 2,5-dimethyl-	130	J			6.281	
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	99.2	J			7.793	
000057-10-3	n-Hexadecanoic acid	290	J			11.845	
018835-33-1	1-Hexacosene	270	J			13.869	

Report of Analysis

Client:		Date Collected:	12/22/2023 12:00:00 AM
Project:		Date Received:	12/22/2023 12:00:00 AM
Client Sample ID:	SB32-1-20231222-12.5-13.5	SDG No.:	BF122923
Lab Sample ID:	O6017-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	37
Sample Wt/Vol:	30.09 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
BF136825.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	430	520	ug/Kg
110-86-1	Pyridine	110	U	110	210	270	ug/Kg
100-52-7	Benzaldehyde	230	U	230	430	520	ug/Kg
62-53-3	Aniline	190	U	190	210	270	ug/Kg
108-95-2	Phenol	120	U	120	210	270	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	140	U	140	210	270	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	210	270	ug/Kg
95-50-1	1,2-Dichlorobenzene	130	U	130	210	270	ug/Kg
541-73-1	1,3-Dichlorobenzene	140	U	140	210	270	ug/Kg
106-46-7	1,4-Dichlorobenzene	130	U	130	210	270	ug/Kg
100-51-6	Benzyl Alcohol	160	U	160	430	520	ug/Kg
95-48-7	2-Methylphenol	180	U	180	210	270	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	170	U	170	210	270	ug/Kg
98-86-2	Acetophenone	140	U	140	210	270	ug/Kg
65794-96-9	3+4-Methylphenols	170	U	170	430	520	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	93.4	U	93.4	130	130	ug/Kg
67-72-1	Hexachloroethane	120	U	120	210	270	ug/Kg
98-95-3	Nitrobenzene	120	U	120	210	270	ug/Kg
78-59-1	Isophorone	110	U	110	210	270	ug/Kg
88-75-5	2-Nitrophenol	150	U	150	210	270	ug/Kg
105-67-9	2,4-Dimethylphenol	160	U	160	210	270	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	180	U	180	210	270	ug/Kg
120-83-2	2,4-Dichlorophenol	120	U	120	210	270	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	120	U	120	210	270	ug/Kg
65-85-0	Benzoic acid	340	U	340	430	520	ug/Kg
91-20-3	Naphthalene	130	U	130	210	270	ug/Kg
106-47-8	4-Chloroaniline	170	U	170	210	270	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	210	270	ug/Kg
105-60-2	Caprolactam	190	U	190	430	520	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	U	130	210	270	ug/Kg
91-57-6	2-Methylnaphthalene	150	U	150	210	270	ug/Kg

Report of Analysis

Client:		Date Collected:	12/22/2023 12:00:00 AM
Project:		Date Received:	12/22/2023 12:00:00 AM
Client Sample ID:	SB32-1-20231222-12.5-13.5	SDG No.:	BF122923
Lab Sample ID:	O6017-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	37
Sample Wt/Vol:	30.09 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
BF136825.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	330	U	330	430	520	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	210	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	140	U	140	210	270	ug/Kg
92-52-4	1,1-Biphenyl	140	U	140	210	270	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	210	270	ug/Kg
88-74-4	2-Nitroaniline	160	U	160	210	270	ug/Kg
131-11-3	Dimethylphthalate	140	U	140	210	270	ug/Kg
208-96-8	Acenaphthylene	140	U	140	210	270	ug/Kg
606-20-2	2,6-Dinitrotoluene	140	U	140	210	270	ug/Kg
99-09-2	3-Nitroaniline	150	U	150	210	270	ug/Kg
83-32-9	Acenaphthene	130	U	130	210	270	ug/Kg
Total PAH	Total PAH	2280	U	2280	210	4320	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	430	520	ug/Kg
100-02-7	4-Nitrophenol	180	U	180	430	520	ug/Kg
132-64-9	Dibenzofuran	120	U	120	210	270	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	300	U	300	210	540	ug/Kg
121-14-2	2,4-Dinitrotoluene	160	U	160	210	270	ug/Kg
84-66-2	Diethylphthalate	140	U	140	210	270	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	140	210	270	ug/Kg
86-73-7	Fluorene	130	U	130	210	270	ug/Kg
100-01-6	4-Nitroaniline	160	U	160	210	270	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	430	520	ug/Kg
86-30-6	n-Nitrosodiphenylamine	150	U	150	210	270	ug/Kg
103-33-3	Azobenzene	120	U	120	210	270	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	150	210	270	ug/Kg
118-74-1	Hexachlorobenzene	160	U	160	210	270	ug/Kg
1912-24-9	Atrazine	150	U	150	210	270	ug/Kg
87-86-5	Pentachlorophenol	180	U	180	430	520	ug/Kg
85-01-8	Phenanthrene	150	U	150	210	270	ug/Kg
120-12-7	Anthracene	160	U	160	210	270	ug/Kg
86-74-8	Carbazole	130	U	130	210	270	ug/Kg
84-74-2	Di-n-butylphthalate	160	U	160	210	270	ug/Kg
206-44-0	Fluoranthene	150	U	150	210	270	ug/Kg

Report of Analysis

Client:		Date Collected:	12/22/2023 12:00:00 AM
Project:		Date Received:	12/22/2023 12:00:00 AM
Client Sample ID:	SB32-1-20231222-12.5-13.5	SDG No.:	BF122923
Lab Sample ID:	O6017-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	37
Sample Wt/Vol:	30.09 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
BF136825.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	310	U	310	430	520	ug/Kg
129-00-0	Pyrene	130	U	130	210	270	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	160	210	270	ug/Kg
91-94-1	3,3-Dichlorobenzidine	250	U	250	430	520	ug/Kg
56-55-3	Benzo(a)anthracene	130	U	130	210	270	ug/Kg
218-01-9	Chrysene	140	U	140	210	270	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	180	U	180	210	270	ug/Kg
117-84-0	Di-n-octyl phthalate	190	U	190	430	520	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	U	130	210	270	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	U	140	210	270	ug/Kg
50-32-8	Benzo(a)pyrene	150	U	150	210	270	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	U	170	210	270	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	U	150	210	270	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	U	150	210	270	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	210	270	ug/Kg
123-91-1	1,4-Dioxane	190	U	190	210	270	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	130	U	130	210	270	ug/Kg
90-12-0	1-Methylnaphthalene	140	U	140	270	270	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.897		18-112		52	SPK: -150
13127-88-3	Phenol-d6	73.827		15-107		49	SPK: -150
4165-60-0	Nitrobenzene-d5	49.272		18-107		49	SPK: -100
321-60-8	2-Fluorobiphenyl	46.712		20-109		47	SPK: -100
118-79-6	2,4,6-Tribromophenol	76.795		10-110		51	SPK: -150
1718-51-0	Terphenyl-d14	39.221		14-112		39	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69541	6.781				
1146-65-2	Naphthalene-d8	269241	8.057				
15067-26-2	Acenaphthene-d10	137090	9.816				
1517-22-2	Phenanthrene-d10	264520	11.31				
1719-03-5	Chrysene-d12	157279	13.963				
1520-96-3	Perylene-d12	137631	15.445				



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Report of Analysis

Client:		Date Collected:	12/22/2023 12:00:00 AM
Project:		Date Received:	12/22/2023 12:00:00 AM
Client Sample ID:	SB32-1-20231222-12.5-13.5	SDG No.:	BF122923
Lab Sample ID:	O6017-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	37
Sample Wt/Vol:	30.09	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
BF136825.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	310	J			11.845	
006765-39-5	1-Heptadecene	190	J			13.886	

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:	GHL-SS-14-2-4	SDG No.:	BF122923
Lab Sample ID:	O5899-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.4
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
BF136826.D	1	12/22/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	93.3	U	93.3	330	400	ug/Kg
110-86-1	Pyridine	87.4	U	87.4	160	210	ug/Kg
100-52-7	Benzaldehyde	180	U	180	330	400	ug/Kg
62-53-3	Aniline	140	U	140	160	210	ug/Kg
108-95-2	Phenol	89.8	U	89.8	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	160	210	ug/Kg
95-57-8	2-Chlorophenol	86.9	U	86.9	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	98.6	U	98.6	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	99.4	U	99.4	160	210	ug/Kg
100-51-6	Benzyl Alcohol	120	U	120	330	400	ug/Kg
95-48-7	2-Methylphenol	140	U	140	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	160	210	ug/Kg
98-86-2	Acetophenone	100	U	100	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	130	U	130	330	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	71.2	U	71.2	96.5	96.5	ug/Kg
67-72-1	Hexachloroethane	88.8	U	88.8	160	210	ug/Kg
98-95-3	Nitrobenzene	90.7	U	90.7	160	210	ug/Kg
78-59-1	Isophorone	82.2	U	82.2	160	210	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	140	U	140	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	94.2	U	94.2	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	93.5	U	93.5	160	210	ug/Kg
65-85-0	Benzoic acid	260	U	260	330	400	ug/Kg
91-20-3	Naphthalene	98.2	U	98.2	160	210	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg
105-60-2	Caprolactam	140	U	140	330	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	99.5	U	99.5	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	160	210	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:	GHL-SS-14-2-4	SDG No.:	BF122923
Lab Sample ID:	O5899-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.4
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
BF136826.D	1	12/22/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	250	U	250	330	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	93	U	93	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	96.9	U	96.9	160	210	ug/Kg
Total PAH	Total PAH	1722	U	1722	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	220	U	220	330	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	400	ug/Kg
132-64-9	Dibenzofuran	92.8	U	92.8	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	160	210	ug/Kg
84-66-2	Diethylphthalate	100	U	100	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	100	U	100	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	330	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	160	210	ug/Kg
103-33-3	Azobenzene	88.7	U	88.7	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	160	210	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	160	210	ug/Kg
1912-24-9	Atrazine	120	U	120	160	210	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	330	400	ug/Kg
85-01-8	Phenanthrene	110	U	110	160	210	ug/Kg
120-12-7	Anthracene	120	U	120	160	210	ug/Kg
86-74-8	Carbazole	100	U	100	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	160	210	ug/Kg
206-44-0	Fluoranthene	110	U	110	160	210	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:	GHL-SS-14-2-4	SDG No.:	BF122923
Lab Sample ID:	O5899-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.4
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
BF136826.D	1	12/22/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	230	U	230	330	400	ug/Kg
129-00-0	Pyrene	100	U	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	190	U	190	330	400	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	160	210	ug/Kg
218-01-9	Chrysene	100	U	100	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	330	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	96.9	U	96.9	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	U	130	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	U	120	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.92		18-112		61	SPK: -150
13127-88-3	Phenol-d6	88.125		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	59.765		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	61.369		20-109		61	SPK: -100
118-79-6	2,4,6-Tribromophenol	87.74		10-110		58	SPK: -150
1718-51-0	Terphenyl-d14	54.767		14-112		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72875	6.781				
1146-65-2	Naphthalene-d8	284558	8.057				
15067-26-2	Acenaphthene-d10	143203	9.816				
1517-22-2	Phenanthrene-d10	270555	11.31				
1719-03-5	Chrysene-d12	166364	13.963				
1520-96-3	Perylene-d12	146571	15.445				

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:	GHL-SS-14-2-4	SDG No.:	BF122923
Lab Sample ID:	O5899-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.4
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
BF136826.D	1	12/22/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
036653-82-4	1-Hexadecanol	220	J			11.575	
000057-10-3	n-Hexadecanoic acid	510	J			11.845	
000142-91-6	Isopropyl palmitate	160	J			12.092	
000506-17-2	cis-Vaccenic acid	270	J			12.557	
000057-11-4	Octadecanoic acid	340	J			12.633	
000559-74-0	Friedelan-3-one	1300	J			13.51	
1000292-44-2	2- Bromopropionic acid, pentadecyl	220	J			13.863	
004757-69-1	1H-Indole, 2-methyl-3-phenyl-	84.9	J			14.133	
000646-31-1	Tetracosane	110	J			14.433	
000638-68-6	Triacontane	210	J			14.745	
007683-64-9	Supraene	120	J			14.821	
000629-94-7	Heneicosane	250	J			15.086	
000593-49-7	Heptacosane	230	J			15.921	
000112-95-8	Eicosane	120	J			16.445	
000629-99-2	Pentacosane	110	J			17.062	

Report of Analysis

Client:		Date Collected:	12/20/2023 12:00:00 AM
Project:		Date Received:	12/20/2023 12:00:00 AM
Client Sample ID:	MW-7-122023	SDG No.:	BF122923
Lab Sample ID:	O5975-01	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
BF136827.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158041

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:	12/20/2023 12:00:00 AM
Project:		Date Received:	12/20/2023 12:00:00 AM
Client Sample ID:	MW-7-122023	SDG No.:	BF122923
Lab Sample ID:	O5975-01	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
BF136827.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158041

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:	12/20/2023 12:00:00 AM
Project:		Date Received:	12/20/2023 12:00:00 AM
Client Sample ID:	MW-7-122023	SDG No.:	BF122923
Lab Sample ID:	O5975-01	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
BF136827.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158041

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	56.885		10-139		38	SPK: -150
13127-88-3	Phenol-d6	33.946		10-134		23	SPK: -150
4165-60-0	Nitrobenzene-d5	80.749		49-133		81	SPK: -100
321-60-8	2-Fluorobiphenyl	77.758		52-132		78	SPK: -100
118-79-6	2,4,6-Tribromophenol	115.298		32-145		77	SPK: -150
1718-51-0	Terphenyl-d14	73.929		36-145		74	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82361	6.781				
1146-65-2	Naphthalene-d8	316487	8.057				
15067-26-2	Acenaphthene-d10	166372	9.816				
1517-22-2	Phenanthrene-d10	315383	11.31				
1719-03-5	Chrysene-d12	190664	13.962				
1520-96-3	Perylene-d12	167181	15.445				



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Report of Analysis

Client:		Date Collected:	12/20/2023 12:00:00 AM
Project:		Date Received:	12/20/2023 12:00:00 AM
Client Sample ID:	MW-7-122023	SDG No.:	BF122923
Lab Sample ID:	O5975-01	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
BF136827.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158041

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	2.3	J			11.839	

Report of Analysis

Client:		Date Collected:	12/20/2023 12:00:00 AM
Project:		Date Received:	12/20/2023 12:00:00 AM
Client Sample ID:	RT-MW-03-122023	SDG No.:	BF122923
Lab Sample ID:	O5975-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980 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
BF136828.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158041

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2.1	U	2.1	8.2	10.2	ug/L
110-86-1	Pyridine	1.8	U	1.8	4.1	5.1	ug/L
100-52-7	Benzaldehyde	3.3	U	3.3	8.2	10.2	ug/L
62-53-3	Aniline	2.5	U	2.5	4.1	5.1	ug/L
108-95-2	Phenol	1.5	U	1.5	4.1	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.7	U	1.7	4.1	5.1	ug/L
95-57-8	2-Chlorophenol	1.4	U	1.4	4.1	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	1.3	4.1	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	1.8	U	1.8	4.1	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	1.5	U	1.5	4.1	5.1	ug/L
100-51-6	Benzyl Alcohol	2.4	U	2.4	8.2	10.2	ug/L
95-48-7	2-Methylphenol	2.1	U	2.1	4.1	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.3	U	2.3	4.1	5.1	ug/L
98-86-2	Acetophenone	1.8	U	1.8	4.1	5.1	ug/L
65794-96-9	3+4-Methylphenols	2.2	U	2.2	8.2	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1.7	U	1.7	4.1	5.1	ug/L
98-95-3	Nitrobenzene	1.8	U	1.8	4.1	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	4.1	5.1	ug/L
88-75-5	2-Nitrophenol	2.4	U	2.4	4.1	5.1	ug/L
105-67-9	2,4-Dimethylphenol	3	U	3	4.1	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	2.1	U	2.1	4.1	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.7	U	1.7	4.1	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.7	U	1.7	4.1	5.1	ug/L
65-85-0	Benzoic acid	6.8	U	6.8	8.2	10.2	ug/L
91-20-3	Naphthalene	1.7	U	1.7	4.1	5.1	ug/L
106-47-8	4-Chloroaniline	2.6	U	2.6	4.1	5.1	ug/L
87-68-3	Hexachlorobutadiene	2	U	2	4.1	5.1	ug/L
105-60-2	Caprolactam	3.5	U	3.5	8.2	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	1.8	U	1.8	4.1	5.1	ug/L
91-57-6	2-Methylnaphthalene	2.3	U	2.3	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	12/20/2023 12:00:00 AM
Project:		Date Received:	12/20/2023 12:00:00 AM
Client Sample ID:	RT-MW-03-122023	SDG No.:	BF122923
Lab Sample ID:	O5975-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980 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
BF136828.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158041

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.9	U	5.9	8.2	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	1.6	U	1.6	4.1	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	4.1	5.1	ug/L
92-52-4	1,1-Biphenyl	1.8	U	1.8	4.1	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	4.1	5.1	ug/L
88-74-4	2-Nitroaniline	2.4	U	2.4	4.1	5.1	ug/L
131-11-3	Dimethylphthalate	1.9	U	1.9	4.1	5.1	ug/L
208-96-8	Acenaphthylene	2.2	U	2.2	4.1	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	4.1	5.1	ug/L
99-09-2	3-Nitroaniline	2.4	U	2.4	4.1	5.1	ug/L
83-32-9	Acenaphthene	1.8	U	1.8	4.1	5.1	ug/L
Total PAH	Total PAH	31.5	U	31.5	4.1	81.6	ug/L
51-28-5	2,4-Dinitrophenol	5.6	U	5.6	8.2	10.2	ug/L
100-02-7	4-Nitrophenol	2.9	U	2.9	8.2	10.2	ug/L
132-64-9	Dibenzofuran	1.6	U	1.6	4.1	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4.7	U	4.7	4.1	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	2.6	U	2.6	4.1	5.1	ug/L
84-66-2	Diethylphthalate	2.1	U	2.1	4.1	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.3	U	2.3	4.1	5.1	ug/L
86-73-7	Fluorene	2.1	U	2.1	4.1	5.1	ug/L
100-01-6	4-Nitroaniline	2.4	U	2.4	4.1	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.8	U	1.8	8.2	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	2	U	2	4.1	5.1	ug/L
103-33-3	Azobenzene	1.7	U	1.7	4.1	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	2	U	2	4.1	5.1	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	4.1	5.1	ug/L
1912-24-9	Atrazine	3.6	U	3.6	4.1	5.1	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	8.2	10.2	ug/L
85-01-8	Phenanthrene	2	U	2	4.1	5.1	ug/L
120-12-7	Anthracene	2.3	U	2.3	4.1	5.1	ug/L
86-74-8	Carbazole	1.7	U	1.7	4.1	5.1	ug/L
84-74-2	Di-n-butylphthalate	2.4	U	2.4	4.1	5.1	ug/L
206-44-0	Fluoranthene	2.1	U	2.1	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	12/20/2023 12:00:00 AM
Project:		Date Received:	12/20/2023 12:00:00 AM
Client Sample ID:	RT-MW-03-122023	SDG No.:	BF122923
Lab Sample ID:	O5975-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980 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
BF136828.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158041

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	6.7	U	6.7	8.2	10.2	ug/L
129-00-0	Pyrene	1.9	U	1.9	4.1	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.9	U	2.9	4.1	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	5.5	U	5.5	8.2	10.2	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4.1	5.1	ug/L
218-01-9	Chrysene	1.6	U	1.6	4.1	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	4.1	5.1	ug/L
117-84-0	Di-n-octyl phthalate	3.2	U	3.2	8.2	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4.1	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4.1	5.1	ug/L
50-32-8	Benzo(a)pyrene	2.8	U	2.8	4.1	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	U	2.1	4.1	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4.1	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	2	U	2	4.1	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4.1	5.1	ug/L
123-91-1	1,4-Dioxane	2.5	U	2.5	4.1	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	1.3	4.1	5.1	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4.1	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	60.756		10-139		41	SPK: -150
13127-88-3	Phenol-d6	36.202		10-134		24	SPK: -150
4165-60-0	Nitrobenzene-d5	84.665		49-133		85	SPK: -100
321-60-8	2-Fluorobiphenyl	83.571		52-132		84	SPK: -100
118-79-6	2,4,6-Tribromophenol	117.902		32-145		79	SPK: -150
1718-51-0	Terphenyl-d14	79.397		36-145		79	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73393	6.781				
1146-65-2	Naphthalene-d8	283737	8.057				
15067-26-2	Acenaphthene-d10	144456	9.816				
1517-22-2	Phenanthrene-d10	256147	11.304				
1719-03-5	Chrysene-d12	142178	13.963				
1520-96-3	Perylene-d12	143629	15.445				



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Report of Analysis

Client:		Date Collected:	12/20/2023 12:00:00 AM
Project:		Date Received:	12/20/2023 12:00:00 AM
Client Sample ID:	RT-MW-03-122023	SDG No.:	BF122923
Lab Sample ID:	O5975-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	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
BF136828.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158041

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	5.1	J			11.845	
1000130-97-9	E-15-Heptadecenal	2.5	J			13.874	

Report of Analysis

Client:		Date Collected:	12/20/2023 12:00:00 AM
Project:		Date Received:	12/20/2023 12:00:00 AM
Client Sample ID:	RT-GWDUP01-122023	SDG No.:	BF122923
Lab Sample ID:	O5975-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF136829.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158041

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2	U	2	8.1	10.1	ug/L
110-86-1	Pyridine	1.8	U	1.8	4	5.1	ug/L
100-52-7	Benzaldehyde	3.3	U	3.3	8.1	10.1	ug/L
62-53-3	Aniline	2.4	U	2.4	4	5.1	ug/L
108-95-2	Phenol	1.5	U	1.5	4	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.7	U	1.7	4	5.1	ug/L
95-57-8	2-Chlorophenol	1.4	U	1.4	4	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	1.3	4	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	1.8	U	1.8	4	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	1.4	U	1.4	4	5.1	ug/L
100-51-6	Benzyl Alcohol	2.4	U	2.4	8.1	10.1	ug/L
95-48-7	2-Methylphenol	2.1	U	2.1	4	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.3	U	2.3	4	5.1	ug/L
98-86-2	Acetophenone	1.8	U	1.8	4	5.1	ug/L
65794-96-9	3+4-Methylphenols	2.2	U	2.2	8.1	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1.7	U	1.7	4	5.1	ug/L
98-95-3	Nitrobenzene	1.7	U	1.7	4	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	4	5.1	ug/L
88-75-5	2-Nitrophenol	2.4	U	2.4	4	5.1	ug/L
105-67-9	2,4-Dimethylphenol	3	U	3	4	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	2.1	U	2.1	4	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.7	U	1.7	4	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.7	U	1.7	4	5.1	ug/L
65-85-0	Benzoic acid	6.7	U	6.7	8.1	10.1	ug/L
91-20-3	Naphthalene	1.7	U	1.7	4	5.1	ug/L
106-47-8	4-Chloroaniline	2.6	U	2.6	4	5.1	ug/L
87-68-3	Hexachlorobutadiene	1.9	U	1.9	4	5.1	ug/L
105-60-2	Caprolactam	3.5	U	3.5	8.1	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	1.8	U	1.8	4	5.1	ug/L
91-57-6	2-Methylnaphthalene	2.3	U	2.3	4	5.1	ug/L

Report of Analysis

Client:		Date Collected:	12/20/2023 12:00:00 AM
Project:		Date Received:	12/20/2023 12:00:00 AM
Client Sample ID:	RT-GWDUP01-122023	SDG No.:	BF122923
Lab Sample ID:	O5975-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF136829.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158041

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.8	U	5.8	8.1	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	4	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	4	5.1	ug/L
92-52-4	1,1-Biphenyl	1.8	U	1.8	4	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	4	5.1	ug/L
88-74-4	2-Nitroaniline	2.4	U	2.4	4	5.1	ug/L
131-11-3	Dimethylphthalate	1.9	U	1.9	4	5.1	ug/L
208-96-8	Acenaphthylene	2.2	U	2.2	4	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	4	5.1	ug/L
99-09-2	3-Nitroaniline	2.4	U	2.4	4	5.1	ug/L
83-32-9	Acenaphthene	1.7	U	1.7	4	5.1	ug/L
Total PAH	Total PAH	31.2	U	31.2	4	81.6	ug/L
51-28-5	2,4-Dinitrophenol	5.5	U	5.5	8.1	10.1	ug/L
100-02-7	4-Nitrophenol	2.8	U	2.8	8.1	10.1	ug/L
132-64-9	Dibenzofuran	1.6	U	1.6	4	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4.7	U	4.7	4	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	2.6	U	2.6	4	5.1	ug/L
84-66-2	Diethylphthalate	2.1	U	2.1	4	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	2.2	4	5.1	ug/L
86-73-7	Fluorene	2.1	U	2.1	4	5.1	ug/L
100-01-6	4-Nitroaniline	2.4	U	2.4	4	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.8	U	1.8	8.1	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	2	U	2	4	5.1	ug/L
103-33-3	Azobenzene	1.7	U	1.7	4	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	2	U	2	4	5.1	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	4	5.1	ug/L
1912-24-9	Atrazine	3.5	U	3.5	4	5.1	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	8.1	10.1	ug/L
85-01-8	Phenanthrene	2	U	2	4	5.1	ug/L
120-12-7	Anthracene	2.3	U	2.3	4	5.1	ug/L
86-74-8	Carbazole	1.7	U	1.7	4	5.1	ug/L
84-74-2	Di-n-butylphthalate	2.4	U	2.4	4	5.1	ug/L
206-44-0	Fluoranthene	2.1	U	2.1	4	5.1	ug/L

Report of Analysis

Client:		Date Collected:	12/20/2023 12:00:00 AM
Project:		Date Received:	12/20/2023 12:00:00 AM
Client Sample ID:	RT-GWDUP01-122023	SDG No.:	BF122923
Lab Sample ID:	O5975-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF136829.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158041

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	6.6	U	6.6	8.1	10.1	ug/L
129-00-0	Pyrene	1.9	U	1.9	4	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	4	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	5.4	U	5.4	8.1	10.1	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4	5.1	ug/L
218-01-9	Chrysene	1.6	U	1.6	4	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	4	5.1	ug/L
117-84-0	Di-n-octyl phthalate	3.2	U	3.2	8.1	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4	5.1	ug/L
50-32-8	Benzo(a)pyrene	2.7	U	2.7	4	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	U	2.1	4	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	4	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4	5.1	ug/L
123-91-1	1,4-Dioxane	2.5	U	2.5	4	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	1.3	4	5.1	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	0.753	*	10-139		1	SPK: -150
13127-88-3	Phenol-d6	5.195	*	10-134		3	SPK: -150
4165-60-0	Nitrobenzene-d5	44.442	*	49-133		44	SPK: -100
321-60-8	2-Fluorobiphenyl	93.801		52-132		94	SPK: -100
118-79-6	2,4,6-Tribromophenol	1.34	*	32-145		1	SPK: -150
1718-51-0	Terphenyl-d14	76.147		36-145		76	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85408	6.781				
1146-65-2	Naphthalene-d8	318626	8.057				
15067-26-2	Acenaphthene-d10	73857	9.816				
1517-22-2	Phenanthrene-d10	280412	11.31				
1719-03-5	Chrysene-d12	99318	13.963				
1520-96-3	Perylene-d12	3052	15.445				

Report of Analysis

Client:		Date Collected:	12/20/2023 12:00:00 AM
Project:		Date Received:	12/20/2023 12:00:00 AM
Client Sample ID:	RT-GWDUP01-122023	SDG No.:	BF122923
Lab Sample ID:	O5975-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF136829.D	1	12/23/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158041

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
001193-11-9	1,3-Dioxolane, 2,2,4-trimethyl-	2.1	J			2.893	
003744-02-3	4-Penten-2-one, 4-methyl-	7.7	J			3.522	
000141-79-7	3-Penten-2-one, 4-methyl-	100	A			4.416	
000541-05-9	Cyclotrisiloxane, hexamethyl-	38.5	J			4.669	
	unknown5.275	3	J			5.275	
000541-02-6	Cyclopentasiloxane, decamethyl-	11.9	J			7.528	
000540-97-6	Cyclohexasiloxane, dodecamethyl-	5.7	J			8.575	
003555-47-3	Trisiloxane, 1,1,1,5,5,5-hexamethy	2.2	J			9.492	

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:	GHL-SS-02	SDG No.:	BF122923
Lab Sample ID:	O5899-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.7
Sample Wt/Vol:	30.02	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
BF136830.D	1	12/22/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	99.9	U	99.9	350	430	ug/Kg
110-86-1	Pyridine	93.6	U	93.6	170	220	ug/Kg
100-52-7	Benzaldehyde	190	U	190	350	430	ug/Kg
62-53-3	Aniline	150	U	150	170	220	ug/Kg
108-95-2	Phenol	96.2	U	96.2	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	170	220	ug/Kg
95-57-8	2-Chlorophenol	93.1	U	93.1	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	130	U	130	350	430	ug/Kg
95-48-7	2-Methylphenol	150	U	150	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	140	U	140	350	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	76.3	U	76.3	100	100	ug/Kg
67-72-1	Hexachloroethane	95.2	U	95.2	170	220	ug/Kg
98-95-3	Nitrobenzene	97.2	U	97.2	170	220	ug/Kg
78-59-1	Isophorone	88	U	88	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	140	U	140	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	170	220	ug/Kg
65-85-0	Benzoic acid	280	U	280	350	430	ug/Kg
91-20-3	Naphthalene	400		110	170	220	ug/Kg
106-47-8	4-Chloroaniline	140	U	140	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg
105-60-2	Caprolactam	150	U	150	350	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	150	J	120	170	220	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:	GHL-SS-02	SDG No.:	BF122923
Lab Sample ID:	O5899-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.7
Sample Wt/Vol:	30.02 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
BF136830.D	1	12/22/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	270	U	270	350	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	99.7	U	99.7	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	170	220	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	220	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	170	220	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	220	ug/Kg
83-32-9	Acenaphthene	530		100	170	220	ug/Kg
Total PAH	Total PAH	3890		1840	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	350	430	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	430	ug/Kg
132-64-9	Dibenzofuran	320		99.4	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	250	U	250	170	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	U	130	170	220	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	170	220	ug/Kg
86-73-7	Fluorene	370		110	170	220	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	350	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	120	U	120	170	220	ug/Kg
103-33-3	Azobenzene	95	U	95	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	170	220	ug/Kg
118-74-1	Hexachlorobenzene	130	U	130	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	350	430	ug/Kg
85-01-8	Phenanthrene	780		120	170	220	ug/Kg
120-12-7	Anthracene	830		130	170	220	ug/Kg
86-74-8	Carbazole	290		110	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	170	220	ug/Kg
206-44-0	Fluoranthene	530		120	170	220	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:	GHL-SS-02	SDG No.:	BF122923
Lab Sample ID:	O5899-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.7
Sample Wt/Vol:	30.02	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
BF136830.D	1	12/22/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	250	U	250	350	430	ug/Kg
129-00-0	Pyrene	340		110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	210	U	210	350	430	ug/Kg
56-55-3	Benzo(a)anthracene	110	J	110	170	220	ug/Kg
218-01-9	Chrysene	110	U	110	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	160	U	160	350	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	140	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	U	120	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	U	120	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	170	220	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	130	J	120	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.929		18-112		53	SPK: -150
13127-88-3	Phenol-d6	76.674		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	54.206		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	57.075		20-109		57	SPK: -100
118-79-6	2,4,6-Tribromophenol	80.855		10-110		54	SPK: -150
1718-51-0	Terphenyl-d14	55.329		14-112		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72492	6.781				
1146-65-2	Naphthalene-d8	273010	8.057				
15067-26-2	Acenaphthene-d10	143984	9.816				
1517-22-2	Phenanthrene-d10	277618	11.31				
1719-03-5	Chrysene-d12	159999	13.963				
1520-96-3	Perylene-d12	140838	15.445				

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:	GHL-SS-02	SDG No.:	BF122923
Lab Sample ID:	O5899-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.7
Sample Wt/Vol:	30.02 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
BF136830.D	1	12/22/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000142-82-5	Heptane	280	J			2.381	
000141-79-7	3-Penten-2-one, 4-methyl-	490	A			4.387	
000100-41-4	Ethylbenzene	370	J			5.275	
000106-42-3	p-Xylene	290	J			5.634	
000098-82-8	Benzene, (1-methylethyl)-	110	J			5.951	
000103-65-1	Benzene, propyl-	180	J			6.245	
000611-14-3	Benzene, 1-ethyl-2-methyl-	750	J			6.31	
000622-96-8	Benzene, 1-ethyl-4-methyl-	330	J			6.339	
000108-67-8	Mesitylene	880	J			6.604	
000526-73-8	Benzene, 1,2,3-trimethyl-	140	J			6.834	
000496-11-7	Indane	160	J			6.957	
000135-01-3	Benzene, 1,2-diethyl-	97.4	J			7.028	
004505-48-0	1H-Indene, 2-phenyl-	130	J			11.839	
000203-64-5	4H-Cyclopenta[def]phenanthrene	110	J			11.922	
033543-31-6	Fluoranthene, 2-methyl-	87.9	J			13.086	
000205-82-3	Benzo[j]fluoranthene	110	J			15.009	
000198-55-0	Perylene	90.1	J			15.38	

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:	GHL-SS-44	SDG No.:	BF122923
Lab Sample ID:	O5909-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	75
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
BF136831.D	1	12/22/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	310	U	310	1100	1300	ug/Kg
110-86-1	Pyridine	290	U	290	520	680	ug/Kg
100-52-7	Benzaldehyde	590	U	590	1100	1300	ug/Kg
62-53-3	Aniline	470	U	470	520	680	ug/Kg
108-95-2	Phenol	300	U	300	520	680	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	360	U	360	520	680	ug/Kg
95-57-8	2-Chlorophenol	290	U	290	520	680	ug/Kg
95-50-1	1,2-Dichlorobenzene	330	U	330	520	680	ug/Kg
541-73-1	1,3-Dichlorobenzene	350	U	350	520	680	ug/Kg
106-46-7	1,4-Dichlorobenzene	330	U	330	520	680	ug/Kg
100-51-6	Benzyl Alcohol	390	U	390	1100	1300	ug/Kg
95-48-7	2-Methylphenol	460	U	460	520	680	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	420	U	420	520	680	ug/Kg
98-86-2	Acetophenone	350	U	350	520	680	ug/Kg
65794-96-9	3+4-Methylphenols	430	U	430	1100	1300	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	240	U	240	320	320	ug/Kg
67-72-1	Hexachloroethane	290	U	290	520	680	ug/Kg
98-95-3	Nitrobenzene	300	U	300	520	680	ug/Kg
78-59-1	Isophorone	270	U	270	520	680	ug/Kg
88-75-5	2-Nitrophenol	380	U	380	520	680	ug/Kg
105-67-9	2,4-Dimethylphenol	400	U	400	520	680	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	450	U	450	520	680	ug/Kg
120-83-2	2,4-Dichlorophenol	310	U	310	520	680	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	310	U	310	520	680	ug/Kg
65-85-0	Benzoic acid	850	U	850	1100	1300	ug/Kg
91-20-3	Naphthalene	330	U	330	520	680	ug/Kg
106-47-8	4-Chloroaniline	420	U	420	520	680	ug/Kg
87-68-3	Hexachlorobutadiene	340	U	340	520	680	ug/Kg
105-60-2	Caprolactam	470	U	470	1100	1300	ug/Kg
59-50-7	4-Chloro-3-methylphenol	330	U	330	520	680	ug/Kg
91-57-6	2-Methylnaphthalene	380	U	380	520	680	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:	GHL-SS-44	SDG No.:	BF122923
Lab Sample ID:	O5909-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	75
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
BF136831.D	1	12/22/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	840	U	840	1100	1300	ug/Kg
88-06-2	2,4,6-Trichlorophenol	310	U	310	520	680	ug/Kg
95-95-4	2,4,5-Trichlorophenol	350	U	350	520	680	ug/Kg
92-52-4	1,1-Biphenyl	360	U	360	520	680	ug/Kg
91-58-7	2-Chloronaphthalene	340	U	340	520	680	ug/Kg
88-74-4	2-Nitroaniline	400	U	400	520	680	ug/Kg
131-11-3	Dimethylphthalate	360	U	360	520	680	ug/Kg
208-96-8	Acenaphthylene	350	U	350	520	680	ug/Kg
606-20-2	2,6-Dinitrotoluene	360	U	360	520	680	ug/Kg
99-09-2	3-Nitroaniline	370	U	370	520	680	ug/Kg
83-32-9	Acenaphthene	320	U	320	520	680	ug/Kg
Total PAH	Total PAH	5760	U	5760	520	10880	ug/Kg
51-28-5	2,4-Dinitrophenol	720	U	720	1100	1300	ug/Kg
100-02-7	4-Nitrophenol	460	U	460	1100	1300	ug/Kg
132-64-9	Dibenzofuran	310	U	310	520	680	ug/Kg
121-14-2	2,4-Dinitrotoluene	400	U	400	520	680	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	760	U	760	520	1360	ug/Kg
84-66-2	Diethylphthalate	340	U	340	520	680	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	360	U	360	520	680	ug/Kg
86-73-7	Fluorene	340	U	340	520	680	ug/Kg
100-01-6	4-Nitroaniline	420	U	420	520	680	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	350	U	350	1100	1300	ug/Kg
86-30-6	n-Nitrosodiphenylamine	370	U	370	520	680	ug/Kg
103-33-3	Azobenzene	290	U	290	520	680	ug/Kg
101-55-3	4-Bromophenyl-phenylether	390	U	390	520	680	ug/Kg
118-74-1	Hexachlorobenzene	390	U	390	520	680	ug/Kg
1912-24-9	Atrazine	380	U	380	520	680	ug/Kg
87-86-5	Pentachlorophenol	440	U	440	1100	1300	ug/Kg
85-01-8	Phenanthrene	370	U	370	520	680	ug/Kg
120-12-7	Anthracene	410	U	410	520	680	ug/Kg
86-74-8	Carbazole	340	U	340	520	680	ug/Kg
84-74-2	Di-n-butylphthalate	420	U	420	520	680	ug/Kg
206-44-0	Fluoranthene	380	U	380	520	680	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:	GHL-SS-44	SDG No.:	BF122923
Lab Sample ID:	O5909-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	75
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
BF136831.D	1	12/22/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	770	U	770	1100	1300	ug/Kg
129-00-0	Pyrene	330	U	330	520	680	ug/Kg
85-68-7	Butylbenzylphthalate	410	U	410	520	680	ug/Kg
91-94-1	3,3-Dichlorobenzidine	640	U	640	1100	1300	ug/Kg
56-55-3	Benzo(a)anthracene	340	U	340	520	680	ug/Kg
218-01-9	Chrysene	350	U	350	520	680	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	460	U	460	520	680	ug/Kg
117-84-0	Di-n-octyl phthalate	490	U	490	1100	1300	ug/Kg
205-99-2	Benzo(b)fluoranthene	320	U	320	520	680	ug/Kg
207-08-9	Benzo(k)fluoranthene	350	U	350	520	680	ug/Kg
50-32-8	Benzo(a)pyrene	380	U	380	520	680	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	430	U	430	520	680	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	390	U	390	520	680	ug/Kg
191-24-2	Benzo(g,h,i)perylene	370	U	370	520	680	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	360	U	360	520	680	ug/Kg
123-91-1	1,4-Dioxane	470	U	470	520	680	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	330	U	330	520	680	ug/Kg
90-12-0	1-Methylnaphthalene	360	U	360	680	680	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	35.624		18-112		24	SPK: -150
13127-88-3	Phenol-d6	42.129		15-107		28	SPK: -150
4165-60-0	Nitrobenzene-d5	21.152		18-107		21	SPK: -100
321-60-8	2-Fluorobiphenyl	22.079		20-109		22	SPK: -100
118-79-6	2,4,6-Tribromophenol	50.604		10-110		34	SPK: -150
1718-51-0	Terphenyl-d14	29.663		14-112		30	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66690	6.781				
1146-65-2	Naphthalene-d8	252756	8.057				
15067-26-2	Acenaphthene-d10	131520	9.816				
1517-22-2	Phenanthrene-d10	250489	11.304				
1719-03-5	Chrysene-d12	139743	13.963				
1520-96-3	Perylene-d12	129788	15.445				

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:	GHL-SS-44	SDG No.:	BF122923
Lab Sample ID:	O5909-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	75
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
BF136831.D	1	12/22/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	390	J			11.839	
000630-02-4	Octacosane	270	J			13.81	
	unknown14.274	290	J			14.274	
000629-94-7	Heneicosane	420	J			14.433	
1000319-72-5	1H-Pyrazole-5-carboxylic acid, 3-(	570	J			14.492	
000112-95-8	Eicosane	450	J			15.086	
000629-78-7	Heptadecane	420	J			15.921	
	unknown17.386	780	J			17.386	

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:	GHL-SS-45	SDG No.:	BF122923
Lab Sample ID:	O5909-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	45.4
Sample Wt/Vol:	30.08	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
BF136832.D	1	12/22/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	140	U	140	490	600	ug/Kg
110-86-1	Pyridine	130	U	130	240	310	ug/Kg
100-52-7	Benzaldehyde	270	U	270	490	600	ug/Kg
62-53-3	Aniline	210	U	210	240	310	ug/Kg
108-95-2	Phenol	140	U	140	240	310	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	160	U	160	240	310	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	240	310	ug/Kg
95-50-1	1,2-Dichlorobenzene	150	U	150	240	310	ug/Kg
541-73-1	1,3-Dichlorobenzene	160	U	160	240	310	ug/Kg
106-46-7	1,4-Dichlorobenzene	150	U	150	240	310	ug/Kg
100-51-6	Benzyl Alcohol	180	U	180	490	600	ug/Kg
95-48-7	2-Methylphenol	210	U	210	240	310	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	190	U	190	240	310	ug/Kg
98-86-2	Acetophenone	160	U	160	240	310	ug/Kg
65794-96-9	3+4-Methylphenols	200	U	200	490	600	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	110	U	110	150	150	ug/Kg
67-72-1	Hexachloroethane	130	U	130	240	310	ug/Kg
98-95-3	Nitrobenzene	140	U	140	240	310	ug/Kg
78-59-1	Isophorone	120	U	120	240	310	ug/Kg
88-75-5	2-Nitrophenol	170	U	170	240	310	ug/Kg
105-67-9	2,4-Dimethylphenol	180	U	180	240	310	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	200	U	200	240	310	ug/Kg
120-83-2	2,4-Dichlorophenol	140	U	140	240	310	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	140	U	140	240	310	ug/Kg
65-85-0	Benzoic acid	390	U	390	490	600	ug/Kg
91-20-3	Naphthalene	150	U	150	240	310	ug/Kg
106-47-8	4-Chloroaniline	190	U	190	240	310	ug/Kg
87-68-3	Hexachlorobutadiene	150	U	150	240	310	ug/Kg
105-60-2	Caprolactam	210	U	210	490	600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	150	240	310	ug/Kg
91-57-6	2-Methylnaphthalene	170	U	170	240	310	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:	GHL-SS-45	SDG No.:	BF122923
Lab Sample ID:	O5909-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	45.4
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
BF136832.D	1	12/22/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	380	U	380	490	600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	140	U	140	240	310	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	U	160	240	310	ug/Kg
92-52-4	1,1-Biphenyl	170	U	170	240	310	ug/Kg
91-58-7	2-Chloronaphthalene	150	U	150	240	310	ug/Kg
88-74-4	2-Nitroaniline	180	U	180	240	310	ug/Kg
131-11-3	Dimethylphthalate	160	U	160	240	310	ug/Kg
208-96-8	Acenaphthylene	160	U	160	240	310	ug/Kg
606-20-2	2,6-Dinitrotoluene	160	U	160	240	310	ug/Kg
99-09-2	3-Nitroaniline	170	U	170	240	310	ug/Kg
83-32-9	Acenaphthene	150	U	150	240	310	ug/Kg
Total PAH	Total PAH	2630	U	2630	240	4960	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	330	490	600	ug/Kg
100-02-7	4-Nitrophenol	210	U	210	490	600	ug/Kg
132-64-9	Dibenzofuran	140	U	140	240	310	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	340	U	340	240	620	ug/Kg
121-14-2	2,4-Dinitrotoluene	180	U	180	240	310	ug/Kg
84-66-2	Diethylphthalate	160	U	160	240	310	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	170	U	170	240	310	ug/Kg
86-73-7	Fluorene	150	U	150	240	310	ug/Kg
100-01-6	4-Nitroaniline	190	U	190	240	310	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	490	600	ug/Kg
86-30-6	n-Nitrosodiphenylamine	170	U	170	240	310	ug/Kg
103-33-3	Azobenzene	130	U	130	240	310	ug/Kg
101-55-3	4-Bromophenyl-phenylether	180	U	180	240	310	ug/Kg
118-74-1	Hexachlorobenzene	180	U	180	240	310	ug/Kg
1912-24-9	Atrazine	170	U	170	240	310	ug/Kg
87-86-5	Pentachlorophenol	200	U	200	490	600	ug/Kg
85-01-8	Phenanthrene	170	U	170	240	310	ug/Kg
120-12-7	Anthracene	190	U	190	240	310	ug/Kg
86-74-8	Carbazole	160	U	160	240	310	ug/Kg
84-74-2	Di-n-butylphthalate	190	U	190	240	310	ug/Kg
206-44-0	Fluoranthene	170	U	170	240	310	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:	GHL-SS-45	SDG No.:	BF122923
Lab Sample ID:	O5909-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	45.4
Sample Wt/Vol:	30.08	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
BF136832.D	1	12/22/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	350	U	350	490	600	ug/Kg
129-00-0	Pyrene	150	U	150	240	310	ug/Kg
85-68-7	Butylbenzylphthalate	190	U	190	240	310	ug/Kg
91-94-1	3,3-Dichlorobenzidine	290	U	290	490	600	ug/Kg
56-55-3	Benzo(a)anthracene	150	U	150	240	310	ug/Kg
218-01-9	Chrysene	160	U	160	240	310	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	210	U	210	240	310	ug/Kg
117-84-0	Di-n-octyl phthalate	220	U	220	490	600	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	U	150	240	310	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	U	160	240	310	ug/Kg
50-32-8	Benzo(a)pyrene	170	U	170	240	310	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200	U	200	240	310	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	180	U	180	240	310	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	U	170	240	310	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	160	U	160	240	310	ug/Kg
123-91-1	1,4-Dioxane	210	U	210	240	310	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	U	150	240	310	ug/Kg
90-12-0	1-Methylnaphthalene	160	U	160	310	310	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	124.887		18-112		83	SPK: -150
13127-88-3	Phenol-d6	121.677		15-107		81	SPK: -150
4165-60-0	Nitrobenzene-d5	83.619		18-107		84	SPK: -100
321-60-8	2-Fluorobiphenyl	78.015		20-109		78	SPK: -100
118-79-6	2,4,6-Tribromophenol	118.731		10-110		79	SPK: -150
1718-51-0	Terphenyl-d14	72.798		14-112		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68789	6.781				
1146-65-2	Naphthalene-d8	259412	8.057				
15067-26-2	Acenaphthene-d10	134731	9.816				
1517-22-2	Phenanthrene-d10	253514	11.304				
1719-03-5	Chrysene-d12	143285	13.963				
1520-96-3	Perylene-d12	136790	15.439				



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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:	GHL-SS-45	SDG No.:	BF122923
Lab Sample ID:	O5909-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	45.4
Sample Wt/Vol:	30.08	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
BF136832.D	1	12/22/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	130	A			5.034	
000057-10-3	n-Hexadecanoic acid	350	J			11.839	
	unknown14.433	170	J			14.433	
000107-52-8	Hexasiloxane, tetradecamethyl-	130	J			14.81	
	unknown15.245	150	J			15.245	
	unknown15.751	130	J			15.751	

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:	GHL-SS-48	SDG No.:	BF122923
Lab Sample ID:	O5909-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	84.7
Sample Wt/Vol:	30.07	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
BF136833.D	1	12/22/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	500	U	500	1800	2200	ug/Kg
110-86-1	Pyridine	470	U	470	850	1100	ug/Kg
100-52-7	Benzaldehyde	970	U	970	1800	2200	ug/Kg
62-53-3	Aniline	760	U	760	850	1100	ug/Kg
108-95-2	Phenol	490	U	490	850	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	590	U	590	850	1100	ug/Kg
95-57-8	2-Chlorophenol	470	U	470	850	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	530	U	530	850	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	580	U	580	850	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	540	U	540	850	1100	ug/Kg
100-51-6	Benzyl Alcohol	640	U	640	1800	2200	ug/Kg
95-48-7	2-Methylphenol	740	U	740	850	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	680	U	680	850	1100	ug/Kg
98-86-2	Acetophenone	570	U	570	850	1100	ug/Kg
65794-96-9	3+4-Methylphenols	700	U	700	1800	2200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	380	U	380	520	520	ug/Kg
67-72-1	Hexachloroethane	480	U	480	850	1100	ug/Kg
98-95-3	Nitrobenzene	490	U	490	850	1100	ug/Kg
78-59-1	Isophorone	440	U	440	850	1100	ug/Kg
88-75-5	2-Nitrophenol	620	U	620	850	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	650	U	650	850	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	730	U	730	850	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	510	U	510	850	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	510	U	510	850	1100	ug/Kg
65-85-0	Benzoic acid	1400	U	1400	1800	2200	ug/Kg
91-20-3	Naphthalene	530	U	530	850	1100	ug/Kg
106-47-8	4-Chloroaniline	680	U	680	850	1100	ug/Kg
87-68-3	Hexachlorobutadiene	550	U	550	850	1100	ug/Kg
105-60-2	Caprolactam	760	U	760	1800	2200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	540	U	540	850	1100	ug/Kg
91-57-6	2-Methylnaphthalene	620	U	620	850	1100	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:	GHL-SS-48	SDG No.:	BF122923
Lab Sample ID:	O5909-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	84.7
Sample Wt/Vol:	30.07 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
BF136833.D	1	12/22/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	1400	U	1400	1800	2200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	500	U	500	850	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	570	U	570	850	1100	ug/Kg
92-52-4	1,1-Biphenyl	600	U	600	850	1100	ug/Kg
91-58-7	2-Chloronaphthalene	550	U	550	850	1100	ug/Kg
88-74-4	2-Nitroaniline	650	U	650	850	1100	ug/Kg
131-11-3	Dimethylphthalate	580	U	580	850	1100	ug/Kg
208-96-8	Acenaphthylene	580	U	580	850	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	590	U	590	850	1100	ug/Kg
99-09-2	3-Nitroaniline	610	U	610	850	1100	ug/Kg
83-32-9	Acenaphthene	520	U	520	850	1100	ug/Kg
Total PAH	Total PAH	9370	U	9370	850	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1200	U	1200	1800	2200	ug/Kg
100-02-7	4-Nitrophenol	740	U	740	1800	2200	ug/Kg
132-64-9	Dibenzofuran	500	U	500	850	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	240	U	1240	850	2200	ug/Kg
121-14-2	2,4-Dinitrotoluene	650	U	650	850	1100	ug/Kg
84-66-2	Diethylphthalate	560	U	560	850	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	590	U	590	850	1100	ug/Kg
86-73-7	Fluorene	550	U	550	850	1100	ug/Kg
100-01-6	4-Nitroaniline	680	U	680	850	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	570	U	570	1800	2200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	610	U	610	850	1100	ug/Kg
103-33-3	Azobenzene	480	U	480	850	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	640	U	640	850	1100	ug/Kg
118-74-1	Hexachlorobenzene	640	U	640	850	1100	ug/Kg
1912-24-9	Atrazine	620	U	620	850	1100	ug/Kg
87-86-5	Pentachlorophenol	720	U	720	1800	2200	ug/Kg
85-01-8	Phenanthrene	600	U	600	850	1100	ug/Kg
120-12-7	Anthracene	670	U	670	850	1100	ug/Kg
86-74-8	Carbazole	550	U	550	850	1100	ug/Kg
84-74-2	Di-n-butylphthalate	680	U	680	850	1100	ug/Kg
206-44-0	Fluoranthene	620	U	620	850	1100	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:	GHL-SS-48	SDG No.:	BF122923
Lab Sample ID:	O5909-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	84.7
Sample Wt/Vol:	30.07 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
BF136833.D	1	12/22/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	1300	U	1300	1800	2200	ug/Kg
129-00-0	Pyrene	550	U	550	850	1100	ug/Kg
85-68-7	Butylbenzylphthalate	670	U	670	850	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000	U	1000	1800	2200	ug/Kg
56-55-3	Benzo(a)anthracene	550	U	550	850	1100	ug/Kg
218-01-9	Chrysene	570	U	570	850	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	750	U	750	850	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	800	U	800	1800	2200	ug/Kg
205-99-2	Benzo(b)fluoranthene	520	U	520	850	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	570	U	570	850	1100	ug/Kg
50-32-8	Benzo(a)pyrene	610	U	610	850	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	700	U	700	850	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	630	U	630	850	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	600	U	600	850	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	580	U	580	850	1100	ug/Kg
123-91-1	1,4-Dioxane	760	U	760	850	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	540	U	540	850	1100	ug/Kg
90-12-0	1-Methylnaphthalene	590	U	590	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	108.073		18-112		72	SPK: -150
13127-88-3	Phenol-d6	105.006		15-107		70	SPK: -150
4165-60-0	Nitrobenzene-d5	68.853		18-107		69	SPK: -100
321-60-8	2-Fluorobiphenyl	59.583		20-109		60	SPK: -100
118-79-6	2,4,6-Tribromophenol	101.486		10-110		68	SPK: -150
1718-51-0	Terphenyl-d14	46.601		14-112		47	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68291	6.781				
1146-65-2	Naphthalene-d8	267402	8.057				
15067-26-2	Acenaphthene-d10	137308	9.816				
1517-22-2	Phenanthrene-d10	269484	11.31				
1719-03-5	Chrysene-d12	159530	13.963				
1520-96-3	Perylene-d12	136101	15.445				



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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:	GHL-SS-48	SDG No.:	BF122923
Lab Sample ID:	O5909-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	84.7
Sample Wt/Vol:	30.07	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
BF136833.D	1	12/22/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	1000	J			11.839	
000593-49-7	Heptacosane	520	J			13.81	
000629-94-7	Heneicosane	540	J			14.433	
000630-01-3	Hexacosane	1300	J			15.086	
000630-02-4	Octacosane	600	J			15.921	
000638-66-4	Octadecanal	460	J			16.745	

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:	GHL-SS-36a	SDG No.:	BF122923
Lab Sample ID:	O5897-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	67.4
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
BF136834.D	1	12/20/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	240	U	240	830	1000	ug/Kg
110-86-1	Pyridine	220	U	220	400	520	ug/Kg
100-52-7	Benzaldehyde	450	U	450	830	1000	ug/Kg
62-53-3	Aniline	360	U	360	400	520	ug/Kg
108-95-2	Phenol	230	U	230	400	520	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	270	U	270	400	520	ug/Kg
95-57-8	2-Chlorophenol	220	U	220	400	520	ug/Kg
95-50-1	1,2-Dichlorobenzene	250	U	250	400	520	ug/Kg
541-73-1	1,3-Dichlorobenzene	270	U	270	400	520	ug/Kg
106-46-7	1,4-Dichlorobenzene	250	U	250	400	520	ug/Kg
100-51-6	Benzyl Alcohol	300	U	300	830	1000	ug/Kg
95-48-7	2-Methylphenol	350	U	350	400	520	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	320	U	320	400	520	ug/Kg
98-86-2	Acetophenone	270	U	270	400	520	ug/Kg
65794-96-9	3+4-Methylphenols	330	U	330	830	1000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	180	U	180	240	240	ug/Kg
67-72-1	Hexachloroethane	230	U	230	400	520	ug/Kg
98-95-3	Nitrobenzene	230	U	230	400	520	ug/Kg
78-59-1	Isophorone	210	U	210	400	520	ug/Kg
88-75-5	2-Nitrophenol	290	U	290	400	520	ug/Kg
105-67-9	2,4-Dimethylphenol	300	U	300	400	520	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	340	U	340	400	520	ug/Kg
120-83-2	2,4-Dichlorophenol	240	U	240	400	520	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	240	U	240	400	520	ug/Kg
65-85-0	Benzoic acid	650	U	650	830	1000	ug/Kg
91-20-3	Naphthalene	250	U	250	400	520	ug/Kg
106-47-8	4-Chloroaniline	320	U	320	400	520	ug/Kg
87-68-3	Hexachlorobutadiene	260	U	260	400	520	ug/Kg
105-60-2	Caprolactam	360	U	360	830	1000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250	U	250	400	520	ug/Kg
91-57-6	2-Methylnaphthalene	290	U	290	400	520	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:	GHL-SS-36a	SDG No.:	BF122923
Lab Sample ID:	O5897-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	67.4
Sample Wt/Vol:	30.08	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
BF136834.D	1	12/20/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	640	U	640	830	1000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240	U	240	400	520	ug/Kg
95-95-4	2,4,5-Trichlorophenol	270	U	270	400	520	ug/Kg
92-52-4	1,1-Biphenyl	280	U	280	400	520	ug/Kg
91-58-7	2-Chloronaphthalene	260	U	260	400	520	ug/Kg
88-74-4	2-Nitroaniline	300	U	300	400	520	ug/Kg
131-11-3	Dimethylphthalate	270	U	270	400	520	ug/Kg
208-96-8	Acenaphthylene	270	U	270	400	520	ug/Kg
606-20-2	2,6-Dinitrotoluene	280	U	280	400	520	ug/Kg
99-09-2	3-Nitroaniline	290	U	290	400	520	ug/Kg
83-32-9	Acenaphthene	250	U	250	400	520	ug/Kg
Total PAH	Total PAH	4420	U	4420	400	8320	ug/Kg
51-28-5	2,4-Dinitrophenol	550	U	550	830	1000	ug/Kg
100-02-7	4-Nitrophenol	350	U	350	830	1000	ug/Kg
132-64-9	Dibenzofuran	240	U	240	400	520	ug/Kg
121-14-2	2,4-Dinitrotoluene	310	U	310	400	520	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	590	U	590	400	1040	ug/Kg
84-66-2	Diethylphthalate	260	U	260	400	520	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280	U	280	400	520	ug/Kg
86-73-7	Fluorene	260	U	260	400	520	ug/Kg
100-01-6	4-Nitroaniline	320	U	320	400	520	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	270	U	270	830	1000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	290	U	290	400	520	ug/Kg
103-33-3	Azobenzene	220	U	220	400	520	ug/Kg
101-55-3	4-Bromophenyl-phenylether	300	U	300	400	520	ug/Kg
118-74-1	Hexachlorobenzene	300	U	300	400	520	ug/Kg
1912-24-9	Atrazine	290	U	290	400	520	ug/Kg
87-86-5	Pentachlorophenol	340	U	340	830	1000	ug/Kg
85-01-8	Phenanthrene	280	U	280	400	520	ug/Kg
120-12-7	Anthracene	310	U	310	400	520	ug/Kg
86-74-8	Carbazole	260	U	260	400	520	ug/Kg
84-74-2	Di-n-butylphthalate	320	U	320	400	520	ug/Kg
206-44-0	Fluoranthene	290	U	290	400	520	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:	GHL-SS-36a	SDG No.:	BF122923
Lab Sample ID:	O5897-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	67.4
Sample Wt/Vol:	30.08	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
BF136834.D	1	12/20/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	590	U	590	830	1000	ug/Kg
129-00-0	Pyrene	260	U	260	400	520	ug/Kg
85-68-7	Butylbenzylphthalate	320	U	320	400	520	ug/Kg
91-94-1	3,3-Dichlorobenzidine	490	U	490	830	1000	ug/Kg
56-55-3	Benzo(a)anthracene	260	U	260	400	520	ug/Kg
218-01-9	Chrysene	270	U	270	400	520	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	350	U	350	400	520	ug/Kg
117-84-0	Di-n-octyl phthalate	380	U	380	830	1000	ug/Kg
205-99-2	Benzo(b)fluoranthene	250	U	250	400	520	ug/Kg
207-08-9	Benzo(k)fluoranthene	270	U	270	400	520	ug/Kg
50-32-8	Benzo(a)pyrene	290	U	290	400	520	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	330	U	330	400	520	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	300	U	300	400	520	ug/Kg
191-24-2	Benzo(g,h,i)perylene	280	U	280	400	520	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	270	U	270	400	520	ug/Kg
123-91-1	1,4-Dioxane	360	U	360	400	520	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	250	400	520	ug/Kg
90-12-0	1-Methylnaphthalene	280	U	280	520	520	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	108.706		18-112		72	SPK: -150
13127-88-3	Phenol-d6	105.763		15-107		71	SPK: -150
4165-60-0	Nitrobenzene-d5	72.903		18-107		73	SPK: -100
321-60-8	2-Fluorobiphenyl	70.704		20-109		71	SPK: -100
118-79-6	2,4,6-Tribromophenol	102.533		10-110		68	SPK: -150
1718-51-0	Terphenyl-d14	65.719		14-112		66	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69805	6.781				
1146-65-2	Naphthalene-d8	268116	8.057				
15067-26-2	Acenaphthene-d10	138515	9.816				
1517-22-2	Phenanthrene-d10	262503	11.304				
1719-03-5	Chrysene-d12	144282	13.963				
1520-96-3	Perylene-d12	137306	15.445				

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:	GHL-SS-36a	SDG No.:	BF122923
Lab Sample ID:	O5897-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	67.4
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
BF136834.D	1	12/20/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
001193-11-9	1,3-Dioxolane, 2,2,4-trimethyl-	290	J			2.899	
004254-15-3	(S)-(+)-1,2-Propanediol	390	J			3.352	
000057-10-3	n-Hexadecanoic acid	890	J			11.839	
000143-07-7	Dodecanoic acid	210	J			12.633	
000630-02-4	Octacosane	980	J			13.81	
1000314-56-2	Carbonic acid, hexadecyl 2,2,2-tri	440	J			13.886	
000646-31-1	Tetracosane	810	J			14.433	
000638-68-6	Triacontane	430	J			15.086	
000112-95-8	Eicosane	400	J			15.921	
002345-28-0	2-Pentadecanone	430	J			16.051	
	unknown17.798	530	J			17.798	

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:	GHL-SS-37a	SDG No.:	BF122923
Lab Sample ID:	O5897-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	67.7
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
BF136835.D	1	12/20/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	240	U	240	840	1000	ug/Kg
110-86-1	Pyridine	220	U	220	400	530	ug/Kg
100-52-7	Benzaldehyde	460	U	460	840	1000	ug/Kg
62-53-3	Aniline	360	U	360	400	530	ug/Kg
108-95-2	Phenol	230	U	230	400	530	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	280	U	280	400	530	ug/Kg
95-57-8	2-Chlorophenol	220	U	220	400	530	ug/Kg
95-50-1	1,2-Dichlorobenzene	250	U	250	400	530	ug/Kg
541-73-1	1,3-Dichlorobenzene	270	U	270	400	530	ug/Kg
106-46-7	1,4-Dichlorobenzene	260	U	260	400	530	ug/Kg
100-51-6	Benzyl Alcohol	310	U	310	840	1000	ug/Kg
95-48-7	2-Methylphenol	350	U	350	400	530	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	320	U	320	400	530	ug/Kg
98-86-2	Acetophenone	270	U	270	400	530	ug/Kg
65794-96-9	3+4-Methylphenols	330	U	330	840	1000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	180	U	180	250	250	ug/Kg
67-72-1	Hexachloroethane	230	U	230	400	530	ug/Kg
98-95-3	Nitrobenzene	230	U	230	400	530	ug/Kg
78-59-1	Isophorone	210	U	210	400	530	ug/Kg
88-75-5	2-Nitrophenol	290	U	290	400	530	ug/Kg
105-67-9	2,4-Dimethylphenol	310	U	310	400	530	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	350	U	350	400	530	ug/Kg
120-83-2	2,4-Dichlorophenol	240	U	240	400	530	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	240	U	240	400	530	ug/Kg
65-85-0	Benzoic acid	660	U	660	840	1000	ug/Kg
91-20-3	Naphthalene	250	U	250	400	530	ug/Kg
106-47-8	4-Chloroaniline	320	U	320	400	530	ug/Kg
87-68-3	Hexachlorobutadiene	260	U	260	400	530	ug/Kg
105-60-2	Caprolactam	360	U	360	840	1000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	260	U	260	400	530	ug/Kg
91-57-6	2-Methylnaphthalene	290	U	290	400	530	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:	GHL-SS-37a	SDG No.:	BF122923
Lab Sample ID:	O5897-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	67.7
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
BF136835.D	1	12/20/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	650	U	650	840	1000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240	U	240	400	530	ug/Kg
95-95-4	2,4,5-Trichlorophenol	270	U	270	400	530	ug/Kg
92-52-4	1,1-Biphenyl	280	U	280	400	530	ug/Kg
91-58-7	2-Chloronaphthalene	260	U	260	400	530	ug/Kg
88-74-4	2-Nitroaniline	310	U	310	400	530	ug/Kg
131-11-3	Dimethylphthalate	280	U	280	400	530	ug/Kg
208-96-8	Acenaphthylene	270	U	270	400	530	ug/Kg
606-20-2	2,6-Dinitrotoluene	280	U	280	400	530	ug/Kg
99-09-2	3-Nitroaniline	290	U	290	400	530	ug/Kg
83-32-9	Acenaphthene	250	U	250	400	530	ug/Kg
Total PAH	Total PAH	4450	U	4450	400	8480	ug/Kg
51-28-5	2,4-Dinitrophenol	560	U	560	840	1000	ug/Kg
100-02-7	4-Nitrophenol	350	U	350	840	1000	ug/Kg
132-64-9	Dibenzofuran	240	U	240	400	530	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	590	U	590	400	1060	ug/Kg
121-14-2	2,4-Dinitrotoluene	310	U	310	400	530	ug/Kg
84-66-2	Diethylphthalate	270	U	270	400	530	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280	U	280	400	530	ug/Kg
86-73-7	Fluorene	260	U	260	400	530	ug/Kg
100-01-6	4-Nitroaniline	320	U	320	400	530	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	270	U	270	840	1000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	290	U	290	400	530	ug/Kg
103-33-3	Azobenzene	230	U	230	400	530	ug/Kg
101-55-3	4-Bromophenyl-phenylether	300	U	300	400	530	ug/Kg
118-74-1	Hexachlorobenzene	310	U	310	400	530	ug/Kg
1912-24-9	Atrazine	300	U	300	400	530	ug/Kg
87-86-5	Pentachlorophenol	340	U	340	840	1000	ug/Kg
85-01-8	Phenanthrene	290	U	290	400	530	ug/Kg
120-12-7	Anthracene	320	U	320	400	530	ug/Kg
86-74-8	Carbazole	260	U	260	400	530	ug/Kg
84-74-2	Di-n-butylphthalate	320	U	320	400	530	ug/Kg
206-44-0	Fluoranthene	290	U	290	400	530	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:	GHL-SS-37a	SDG No.:	BF122923
Lab Sample ID:	O5897-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	67.7
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
BF136835.D	1	12/20/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	600	U	600	840	1000	ug/Kg
129-00-0	Pyrene	260	U	260	400	530	ug/Kg
85-68-7	Butylbenzylphthalate	320	U	320	400	530	ug/Kg
91-94-1	3,3-Dichlorobenzidine	500	U	500	840	1000	ug/Kg
56-55-3	Benzo(a)anthracene	260	U	260	400	530	ug/Kg
218-01-9	Chrysene	270	U	270	400	530	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	360	U	360	400	530	ug/Kg
117-84-0	Di-n-octyl phthalate	380	U	380	840	1000	ug/Kg
205-99-2	Benzo(b)fluoranthene	250	U	250	400	530	ug/Kg
207-08-9	Benzo(k)fluoranthene	270	U	270	400	530	ug/Kg
50-32-8	Benzo(a)pyrene	290	U	290	400	530	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	330	U	330	400	530	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	300	U	300	400	530	ug/Kg
191-24-2	Benzo(g,h,i)perylene	290	U	290	400	530	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	280	400	530	ug/Kg
123-91-1	1,4-Dioxane	360	U	360	400	530	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	260	U	260	400	530	ug/Kg
90-12-0	1-Methylnaphthalene	280	U	280	530	530	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	92.133		18-112		61	SPK: -150
13127-88-3	Phenol-d6	87.927		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	61.711		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	61.431		20-109		61	SPK: -100
118-79-6	2,4,6-Tribromophenol	90.529		10-110		60	SPK: -150
1718-51-0	Terphenyl-d14	58.105		14-112		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69977	6.781				
1146-65-2	Naphthalene-d8	268230	8.057				
15067-26-2	Acenaphthene-d10	138989	9.816				
1517-22-2	Phenanthrene-d10	261863	11.304				
1719-03-5	Chrysene-d12	140286	13.963				
1520-96-3	Perylene-d12	138303	15.439				

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:	GHL-SS-37a	SDG No.:	BF122923
Lab Sample ID:	O5897-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	67.7
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
BF136835.D	1	12/20/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	670	J			11.839	
	unknown13.251	270	J			13.251	
000630-01-3	Hexacosane	840	J			13.81	
015594-90-8	1-Heneicosanol	650	J			13.88	
000629-94-7	Heneicosane	760	J			14.433	
018435-45-5	1-Nonadecene	400	J			14.527	
000107-52-8	Hexasiloxane, tetradecamethyl-	250	J			14.81	
000112-95-8	Eicosane	420	J			15.086	
006222-03-3	Trifluoroacetoxy hexadecane	850	J			15.21	
000630-02-4	Octacosane	320	J			15.921	
	unknown16.045	540	J			16.045	
	unknown17.792	470	J			17.792	

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:	GHL-SS-39	SDG No.:	BF122923
Lab Sample ID:	O5897-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
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
BF136836.D	1	12/20/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	87.3	U	87.3	310	370	ug/Kg
110-86-1	Pyridine	81.8	U	81.8	150	190	ug/Kg
100-52-7	Benzaldehyde	170	U	170	310	370	ug/Kg
62-53-3	Aniline	130	U	130	150	190	ug/Kg
108-95-2	Phenol	84.1	U	84.1	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	150	190	ug/Kg
95-57-8	2-Chlorophenol	81.3	U	81.3	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	92.3	U	92.3	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	93.1	U	93.1	150	190	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	310	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	97.9	U	97.9	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	120	U	120	310	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	66.7	U	66.7	90.4	90.4	ug/Kg
67-72-1	Hexachloroethane	83.1	U	83.1	150	190	ug/Kg
98-95-3	Nitrobenzene	85	U	85	150	190	ug/Kg
78-59-1	Isophorone	76.9	U	76.9	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	88.2	U	88.2	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	87.6	U	87.6	150	190	ug/Kg
65-85-0	Benzoic acid	240	U	240	310	370	ug/Kg
91-20-3	Naphthalene	92	U	92	150	190	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	94.9	U	94.9	150	190	ug/Kg
105-60-2	Caprolactam	130	U	130	310	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	93.2	U	93.2	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:	GHL-SS-39	SDG No.:	BF122923
Lab Sample ID:	O5897-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
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
BF136836.D	1	12/20/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	240	U	240	310	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	87.1	U	87.1	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	99.3	U	99.3	150	190	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	95.6	U	95.6	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	99.9	U	99.9	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
Total PAH	Total PAH	1626.1	U	1626.1	150	3040	ug/Kg
83-32-9	Acenaphthene	90.7	U	90.7	150	190	ug/Kg
51-28-5	2,4-Dinitrophenol	200	U	200	310	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	370	ug/Kg
132-64-9	Dibenzofuran	86.9	U	86.9	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	97	U	97	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	190	ug/Kg
86-73-7	Fluorene	95.8	U	95.8	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	99.2	U	99.2	310	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	150	190	ug/Kg
103-33-3	Azobenzene	83	U	83	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	370	ug/Kg
85-01-8	Phenanthrene	100	U	100	150	190	ug/Kg
120-12-7	Anthracene	120	U	120	150	190	ug/Kg
86-74-8	Carbazole	95.9	U	95.9	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	150	190	ug/Kg
206-44-0	Fluoranthene	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:	GHL-SS-39	SDG No.:	BF122923
Lab Sample ID:	O5897-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
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
BF136836.D	1	12/20/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	220	U	220	310	370	ug/Kg
129-00-0	Pyrene	94.6	U	94.6	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	370	ug/Kg
56-55-3	Benzo(a)anthracene	94.8	U	94.8	150	190	ug/Kg
218-01-9	Chrysene	98.1	U	98.1	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	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	90.7	U	90.7	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	99.5	U	99.5	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	U	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	100	U	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	93.7	U	93.7	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	86.51		18-112		58	SPK: -150
13127-88-3	Phenol-d6	84.102		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	60.389		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	62.806		20-109		63	SPK: -100
118-79-6	2,4,6-Tribromophenol	90.41		10-110		60	SPK: -150
1718-51-0	Terphenyl-d14	58.967		14-112		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72861	6.781				
1146-65-2	Naphthalene-d8	273379	8.057				
15067-26-2	Acenaphthene-d10	138483	9.816				
1517-22-2	Phenanthrene-d10	265406	11.304				
1719-03-5	Chrysene-d12	140813	13.963				
1520-96-3	Perylene-d12	141590	15.439				

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:	GHL-SS-39	SDG No.:	BF122923
Lab Sample ID:	O5897-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
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
BF136836.D	1	12/20/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	310	J			11.839	
000057-11-4	Octadecanoic acid	86.6	J			12.633	
000629-99-2	Pentacosane	150	J			13.48	
015594-90-8	1-Heneicosanol	120	J			13.886	
000646-31-1	Tetracosane	150	J			14.433	
007390-81-0	Oxirane, hexadecyl-	150	J			14.892	
000630-06-8	Hexatriacontane	150	J			15.086	
	unknown15.251	130	J			15.251	
1000376-70-0	Heptadecanal	170	J			15.68	
000630-04-6	Hentriacontane	180	J			15.921	
007735-42-4	1,16-Hexadecanediol	170	J			16.745	
	unknown18.245	160	J			18.245	

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:	GHL-SS-38a	SDG No.:	BF122923
Lab Sample ID:	O5897-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	32.5
Sample Wt/Vol:	30.09	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
BF136837.D	1	12/20/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157949

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	87.1	U	87.1	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	120	U	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	140	U	140	190	250	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:	GHL-SS-38a	SDG No.:	BF122923
Lab Sample ID:	O5897-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	32.5
Sample Wt/Vol:	30.09	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
BF136837.D	1	12/20/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157949

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	130	U	130	190	250	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	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	2130	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	U	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	140	U	140	190	250	ug/Kg
120-12-7	Anthracene	150	U	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	140	U	140	190	250	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:	GHL-SS-38a	SDG No.:	BF122923
Lab Sample ID:	O5897-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	32.5
Sample Wt/Vol:	30.09	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
BF136837.D	1	12/20/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157949

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	120	U	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	120	U	120	190	250	ug/Kg
218-01-9	Chrysene	130	U	130	190	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	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	120	U	120	190	250	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	U	130	190	250	ug/Kg
50-32-8	Benzo(a)pyrene	140	U	140	190	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	U	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	140	U	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	130	U	130	250	250	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	89.916		18-112		60	SPK: -150
13127-88-3	Phenol-d6	86.955		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	60.414		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	59.823		20-109		60	SPK: -100
118-79-6	2,4,6-Tribromophenol	87.813		10-110		59	SPK: -150
1718-51-0	Terphenyl-d14	57.196		14-112		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74783	6.781				
1146-65-2	Naphthalene-d8	287073	8.057				
15067-26-2	Acenaphthene-d10	149613	9.816				
1517-22-2	Phenanthrene-d10	290555	11.304				
1719-03-5	Chrysene-d12	166348	13.963				
1520-96-3	Perylene-d12	145392	15.439				



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:	GHL-SS-38a	SDG No.:	BF122923
Lab Sample ID:	O5897-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	32.5
Sample Wt/Vol:	30.09	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
BF136837.D	1	12/20/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	250	J			11.839	
	unknown13.480	290	J			13.48	

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:	GHL-SS-30	SDG No.:	BF122923
Lab Sample ID:	O5897-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.1
Sample Wt/Vol:	30.03	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
BF136838.D	1	12/20/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	350	430	ug/Kg
110-86-1	Pyridine	94.1	U	94.1	170	220	ug/Kg
100-52-7	Benzaldehyde	190	U	190	350	430	ug/Kg
62-53-3	Aniline	150	U	150	170	220	ug/Kg
108-95-2	Phenol	96.7	U	96.7	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	170	220	ug/Kg
95-57-8	2-Chlorophenol	93.5	U	93.5	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	130	U	130	350	430	ug/Kg
95-48-7	2-Methylphenol	150	U	150	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	140	U	140	350	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	76.6	U	76.6	100	100	ug/Kg
67-72-1	Hexachloroethane	95.6	U	95.6	170	220	ug/Kg
98-95-3	Nitrobenzene	97.7	U	97.7	170	220	ug/Kg
78-59-1	Isophorone	88.5	U	88.5	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	150	U	150	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	170	220	ug/Kg
65-85-0	Benzoic acid	280	U	280	350	430	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	140	U	140	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg
105-60-2	Caprolactam	150	U	150	350	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	120	U	120	170	220	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:	GHL-SS-30	SDG No.:	BF122923
Lab Sample ID:	O5897-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.1
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
BF136838.D	1	12/20/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	270	U	270	350	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	170	220	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	220	ug/Kg
131-11-3	Dimethylphthalate	120	U	120	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	170	220	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	170	220	ug/Kg
Total PAH	Total PAH	1850	U	1850	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	350	430	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	430	ug/Kg
132-64-9	Dibenzofuran	99.9	U	99.9	170	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	U	130	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	250	U	250	170	440	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	350	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	120	U	120	170	220	ug/Kg
103-33-3	Azobenzene	95.5	U	95.5	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	170	220	ug/Kg
118-74-1	Hexachlorobenzene	130	U	130	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	350	430	ug/Kg
85-01-8	Phenanthrene	120	U	120	170	220	ug/Kg
120-12-7	Anthracene	130	U	130	170	220	ug/Kg
86-74-8	Carbazole	110	U	110	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	170	220	ug/Kg
206-44-0	Fluoranthene	120	U	120	170	220	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:	GHL-SS-30	SDG No.:	BF122923
Lab Sample ID:	O5897-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.1
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
BF136838.D	1	12/20/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	250	U	250	350	430	ug/Kg
129-00-0	Pyrene	110	U	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	210	U	210	350	430	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	170	220	ug/Kg
218-01-9	Chrysene	110	U	110	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	160	U	160	350	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	140	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	U	120	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	170	220	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	93.138		18-112		62	SPK: -150
13127-88-3	Phenol-d6	90.07		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	62.389		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	63.974		20-109		64	SPK: -100
118-79-6	2,4,6-Tribromophenol	94.522		10-110		63	SPK: -150
1718-51-0	Terphenyl-d14	64.768		14-112		65	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70461	6.781				
1146-65-2	Naphthalene-d8	270569	8.057				
15067-26-2	Acenaphthene-d10	142537	9.816				
1517-22-2	Phenanthrene-d10	270627	11.304				
1719-03-5	Chrysene-d12	147482	13.963				
1520-96-3	Perylene-d12	139085	15.439				



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:	GHL-SS-30	SDG No.:	BF122923
Lab Sample ID:	O5897-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.1
Sample Wt/Vol:	30.03	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
BF136838.D	1	12/20/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	350	J			11.839	
000142-91-6	Isopropyl palmitate	220	J			12.092	
1010164-49-7	Bacteriochlorophyll-c-stearyl	110	J			13.868	
000111-02-4	Squalene	120	J			14.816	

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:	GHL-SS-43	SDG No.:	BF122923
Lab Sample ID:	O5897-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	51.4
Sample Wt/Vol:	30.1	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
BF136839.D	1	12/20/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	160	U	160	550	680	ug/Kg
110-86-1	Pyridine	150	U	150	270	350	ug/Kg
100-52-7	Benzaldehyde	300	U	300	550	680	ug/Kg
62-53-3	Aniline	240	U	240	270	350	ug/Kg
108-95-2	Phenol	150	U	150	270	350	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	180	U	180	270	350	ug/Kg
95-57-8	2-Chlorophenol	150	U	150	270	350	ug/Kg
95-50-1	1,2-Dichlorobenzene	170	U	170	270	350	ug/Kg
541-73-1	1,3-Dichlorobenzene	180	U	180	270	350	ug/Kg
106-46-7	1,4-Dichlorobenzene	170	U	170	270	350	ug/Kg
100-51-6	Benzyl Alcohol	200	U	200	550	680	ug/Kg
95-48-7	2-Methylphenol	230	U	230	270	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	220	U	220	270	350	ug/Kg
98-86-2	Acetophenone	180	U	180	270	350	ug/Kg
65794-96-9	3+4-Methylphenols	220	U	220	550	680	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	120	U	120	160	160	ug/Kg
67-72-1	Hexachloroethane	150	U	150	270	350	ug/Kg
98-95-3	Nitrobenzene	150	U	150	270	350	ug/Kg
78-59-1	Isophorone	140	U	140	270	350	ug/Kg
88-75-5	2-Nitrophenol	200	U	200	270	350	ug/Kg
105-67-9	2,4-Dimethylphenol	200	U	200	270	350	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	230	U	230	270	350	ug/Kg
120-83-2	2,4-Dichlorophenol	160	U	160	270	350	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	160	U	160	270	350	ug/Kg
65-85-0	Benzoic acid	440	U	440	550	680	ug/Kg
91-20-3	Naphthalene	170	U	170	270	350	ug/Kg
106-47-8	4-Chloroaniline	220	U	220	270	350	ug/Kg
87-68-3	Hexachlorobutadiene	170	U	170	270	350	ug/Kg
105-60-2	Caprolactam	240	U	240	550	680	ug/Kg
59-50-7	4-Chloro-3-methylphenol	170	U	170	270	350	ug/Kg
91-57-6	2-Methylnaphthalene	190	U	190	270	350	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:	GHL-SS-43	SDG No.:	BF122923
Lab Sample ID:	O5897-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	51.4
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
BF136839.D	1	12/20/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	430	U	430	550	680	ug/Kg
88-06-2	2,4,6-Trichlorophenol	160	U	160	270	350	ug/Kg
95-95-4	2,4,5-Trichlorophenol	180	U	180	270	350	ug/Kg
92-52-4	1,1-Biphenyl	190	U	190	270	350	ug/Kg
91-58-7	2-Chloronaphthalene	170	U	170	270	350	ug/Kg
88-74-4	2-Nitroaniline	200	U	200	270	350	ug/Kg
131-11-3	Dimethylphthalate	180	U	180	270	350	ug/Kg
208-96-8	Acenaphthylene	180	U	180	270	350	ug/Kg
606-20-2	2,6-Dinitrotoluene	180	U	180	270	350	ug/Kg
99-09-2	3-Nitroaniline	190	U	190	270	350	ug/Kg
83-32-9	Acenaphthene	160	U	160	270	350	ug/Kg
Total PAH	Total PAH	2930	U	2930	270	5600	ug/Kg
51-28-5	2,4-Dinitrophenol	370	U	370	550	680	ug/Kg
100-02-7	4-Nitrophenol	230	U	230	550	680	ug/Kg
132-64-9	Dibenzofuran	160	U	160	270	350	ug/Kg
121-14-2	2,4-Dinitrotoluene	200	U	200	270	350	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	380	U	380	270	700	ug/Kg
84-66-2	Diethylphthalate	180	U	180	270	350	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	190	U	190	270	350	ug/Kg
86-73-7	Fluorene	170	U	170	270	350	ug/Kg
100-01-6	4-Nitroaniline	210	U	210	270	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	180	U	180	550	680	ug/Kg
86-30-6	n-Nitrosodiphenylamine	190	U	190	270	350	ug/Kg
103-33-3	Azobenzene	150	U	150	270	350	ug/Kg
101-55-3	4-Bromophenyl-phenylether	200	U	200	270	350	ug/Kg
118-74-1	Hexachlorobenzene	200	U	200	270	350	ug/Kg
1912-24-9	Atrazine	200	U	200	270	350	ug/Kg
87-86-5	Pentachlorophenol	230	U	230	550	680	ug/Kg
85-01-8	Phenanthrene	190	U	190	270	350	ug/Kg
120-12-7	Anthracene	210	U	210	270	350	ug/Kg
86-74-8	Carbazole	170	U	170	270	350	ug/Kg
84-74-2	Di-n-butylphthalate	210	U	210	270	350	ug/Kg
206-44-0	Fluoranthene	190	U	190	270	350	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:	GHL-SS-43	SDG No.:	BF122923
Lab Sample ID:	O5897-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	51.4
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
BF136839.D	1	12/20/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	400	U	400	550	680	ug/Kg
129-00-0	Pyrene	170	U	170	270	350	ug/Kg
85-68-7	Butylbenzylphthalate	210	U	210	270	350	ug/Kg
91-94-1	3,3-Dichlorobenzidine	330	U	330	550	680	ug/Kg
56-55-3	Benzo(a)anthracene	170	U	170	270	350	ug/Kg
218-01-9	Chrysene	180	U	180	270	350	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	240	U	240	270	350	ug/Kg
117-84-0	Di-n-octyl phthalate	250	U	250	550	680	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	U	160	270	350	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	U	180	270	350	ug/Kg
50-32-8	Benzo(a)pyrene	190	U	190	270	350	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220	U	220	270	350	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	200	U	200	270	350	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190	U	190	270	350	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	180	U	180	270	350	ug/Kg
123-91-1	1,4-Dioxane	240	U	240	270	350	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	170	U	170	270	350	ug/Kg
90-12-0	1-Methylnaphthalene	180	U	180	350	350	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.056		18-112		61	SPK: -150
13127-88-3	Phenol-d6	91.1		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	63.986		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	61.631		20-109		62	SPK: -100
118-79-6	2,4,6-Tribromophenol	86.105		10-110		57	SPK: -150
1718-51-0	Terphenyl-d14	55.975		14-112		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69281	6.781				
1146-65-2	Naphthalene-d8	255902	8.057				
15067-26-2	Acenaphthene-d10	131958	9.816				
1517-22-2	Phenanthrene-d10	246838	11.304				
1719-03-5	Chrysene-d12	127222	13.962				
1520-96-3	Perylene-d12	130863	15.439				

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:	GHL-SS-43	SDG No.:	BF122923
Lab Sample ID:	O5897-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	51.4
Sample Wt/Vol:	30.1	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
BF136839.D	1	12/20/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
001193-11-9	1,3-Dioxolane, 2,2,4-trimethyl-	140	J			2.875	
004254-15-3	(S)-(+)-1,2-Propanediol	220	J			3.328	
	unknown9.922	4100	J			9.922	
000057-10-3	n-Hexadecanoic acid	500	J			11.839	
000112-62-9	9-Octadecenoic acid (Z)-, methyl e	140	J			12.416	
000057-11-4	Octadecanoic acid	170	J			12.633	
	unknown13.127	270	J			13.127	
000629-94-7	Heneicosane	160	J			13.81	
000506-51-4	n-Tetracosanol-1	370	J			13.863	
	unknown14.245	290	J			14.245	
000593-49-7	Heptacosane	380	J			14.433	
000629-78-7	Heptadecane	480	J			15.086	
007390-81-0	Oxirane, hexadecyl-	310	J			15.68	
000629-99-2	Pentacosane	310	J			15.921	
	unknown16.168	140	J			16.168	
067860-04-2	Oxirane, heptadecyl-	450	J			16.745	
034394-11-1	Nonacosan-14-one	430	J			16.992	
052026-55-8	(1S,4aR,7R)-1,4a-Dimethyl-7-(prop-	260	J			18.109	
	unknown18.239	170	J			18.239	
	unknown18.603	170	J			18.603	

Report of Analysis

Client:		Date Collected:	12/28/2023 12:00:00 AM
Project:		Date Received:	12/28/2023 12:00:00 AM
Client Sample ID:	PB158107TB	SDG No.:	BF122923
Lab Sample ID:	PB158107TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136842.D	1	12/28/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/28/2023 12:00:00 AM
Project:		Date Received:	12/28/2023 12:00:00 AM
Client Sample ID:	PB158107TB	SDG No.:	BF122923
Lab Sample ID:	PB158107TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136842.D	1	12/28/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/28/2023 12:00:00 AM
Project:		Date Received:	12/28/2023 12:00:00 AM
Client Sample ID:	PB158107TB	SDG No.:	BF122923
Lab Sample ID:	PB158107TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136842.D	1	12/28/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	120.352		10-139		80	SPK: -150
13127-88-3	Phenol-d6	117.203		10-134		78	SPK: -150
4165-60-0	Nitrobenzene-d5	77.696		49-133		78	SPK: -100
321-60-8	2-Fluorobiphenyl	80.315		52-132		80	SPK: -100
118-79-6	2,4,6-Tribromophenol	112.826		32-145		75	SPK: -150
1718-51-0	Terphenyl-d14	83.292		36-145		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73620	6.781				
1146-65-2	Naphthalene-d8	285792	8.057				
15067-26-2	Acenaphthene-d10	148335	9.816				
1517-22-2	Phenanthrene-d10	285079	11.304				
1719-03-5	Chrysene-d12	155726	13.963				
1520-96-3	Perylene-d12	150230	15.445				



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Report of Analysis

Client:		Date Collected:	12/28/2023 12:00:00 AM
Project:		Date Received:	12/28/2023 12:00:00 AM
Client Sample ID:	PB158107TB	SDG No.:	BF122923
Lab Sample ID:	PB158107TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BF136842.D	1	12/28/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158147

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:	WC-LIQUIDS-20231213-01DL2	SDG No.:	BF122923
Lab Sample ID:	O5862-12DL2	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
BF136843.D	100	12/18/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157895

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	200	U	200	800	1000	ug/L
110-86-1	Pyridine	180	U	180	400	500	ug/L
100-52-7	Benzaldehyde	330	U	330	800	1000	ug/L
62-53-3	Aniline	240	U	240	400	500	ug/L
108-95-2	Phenol	150	U	150	400	500	ug/L
111-44-4	bis(2-Chloroethyl)ether	170	U	170	400	500	ug/L
95-57-8	2-Chlorophenol	140	U	140	400	500	ug/L
95-50-1	1,2-Dichlorobenzene	130	U	130	400	500	ug/L
541-73-1	1,3-Dichlorobenzene	170	U	170	400	500	ug/L
106-46-7	1,4-Dichlorobenzene	140	U	140	400	500	ug/L
100-51-6	Benzyl Alcohol	240	U	240	800	1000	ug/L
95-48-7	2-Methylphenol	210	U	210	400	500	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	230	U	230	400	500	ug/L
98-86-2	Acetophenone	180	U	180	400	500	ug/L
65794-96-9	3+4-Methylphenols	220	U	220	800	1000	ug/L
621-64-7	n-Nitroso-di-n-propylamine	200	U	200	250	250	ug/L
67-72-1	Hexachloroethane	160	U	160	400	500	ug/L
98-95-3	Nitrobenzene	170	U	170	400	500	ug/L
78-59-1	Isophorone	170	U	170	400	500	ug/L
88-75-5	2-Nitrophenol	240	U	240	400	500	ug/L
105-67-9	2,4-Dimethylphenol	300	U	300	400	500	ug/L
111-91-1	bis(2-Chloroethoxy)methane	200	U	200	400	500	ug/L
120-83-2	2,4-Dichlorophenol	170	U	170	400	500	ug/L
120-82-1	1,2,4-Trichlorobenzene	170	U	170	400	500	ug/L
65-85-0	Benzoic acid	670	U	670	800	1000	ug/L
91-20-3	Naphthalene	4400	D	170	400	500	ug/L
106-47-8	4-Chloroaniline	250	U	250	400	500	ug/L
87-68-3	Hexachlorobutadiene	190	U	190	400	500	ug/L
105-60-2	Caprolactam	340	U	340	800	1000	ug/L
59-50-7	4-Chloro-3-methylphenol	180	U	180	400	500	ug/L
91-57-6	2-Methylnaphthalene	1100	D	220	400	500	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:	WC-LIQUIDS-20231213-01DL2	SDG No.:	BF122923
Lab Sample ID:	O5862-12DL2	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
BF136843.D	100	12/18/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157895

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	570	U	570	800	1000	ug/L
88-06-2	2,4,6-Trichlorophenol	150	U	150	400	500	ug/L
95-95-4	2,4,5-Trichlorophenol	160	U	160	400	500	ug/L
92-52-4	1,1-Biphenyl	180	U	180	400	500	ug/L
91-58-7	2-Chloronaphthalene	160	U	160	400	500	ug/L
88-74-4	2-Nitroaniline	240	U	240	400	500	ug/L
131-11-3	Dimethylphthalate	190	U	190	400	500	ug/L
208-96-8	Acenaphthylene	210	U	210	400	500	ug/L
606-20-2	2,6-Dinitrotoluene	210	U	210	400	500	ug/L
99-09-2	3-Nitroaniline	240	U	240	400	500	ug/L
83-32-9	Acenaphthene	200	JD	170	400	500	ug/L
Total PAH	Total PAH	5030	JD	3100	400	8000	ug/L
51-28-5	2,4-Dinitrophenol	550	U	550	800	1000	ug/L
100-02-7	4-Nitrophenol	280	U	280	800	1000	ug/L
132-64-9	Dibenzofuran	160	U	160	400	500	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	460	U	460	400	1000	ug/L
121-14-2	2,4-Dinitrotoluene	250	U	250	400	500	ug/L
84-66-2	Diethylphthalate	210	U	210	400	500	ug/L
7005-72-3	4-Chlorophenyl-phenylether	220	U	220	400	500	ug/L
86-73-7	Fluorene	200	U	200	400	500	ug/L
100-01-6	4-Nitroaniline	230	U	230	400	500	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	180	U	180	800	1000	ug/L
86-30-6	n-Nitrosodiphenylamine	200	U	200	400	500	ug/L
103-33-3	Azobenzene	160	U	160	400	500	ug/L
101-55-3	4-Bromophenyl-phenylether	200	U	200	400	500	ug/L
118-74-1	Hexachlorobenzene	190	U	190	400	500	ug/L
1912-24-9	Atrazine	350	U	350	400	500	ug/L
87-86-5	Pentachlorophenol	260	U	260	800	1000	ug/L
85-01-8	Phenanthrene	430	JD	200	400	500	ug/L
120-12-7	Anthracene	230	U	230	400	500	ug/L
86-74-8	Carbazole	170	U	170	400	500	ug/L
84-74-2	Di-n-butylphthalate	240	U	240	400	500	ug/L
206-44-0	Fluoranthene	210	U	210	400	500	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:	WC-LIQUIDS-20231213-01DL2	SDG No.:	BF122923
Lab Sample ID:	O5862-12DL2	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
BF136843.D	100	12/18/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157895

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	660	U	660	800	1000	ug/L
129-00-0	Pyrene	190	U	190	400	500	ug/L
85-68-7	Butylbenzylphthalate	280	U	280	400	500	ug/L
91-94-1	3,3-Dichlorobenzidine	540	U	540	800	1000	ug/L
56-55-3	Benzo(a)anthracene	150	U	150	400	500	ug/L
218-01-9	Chrysene	160	U	160	400	500	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	290	U	290	400	500	ug/L
117-84-0	Di-n-octyl phthalate	310	U	310	800	1000	ug/L
205-99-2	Benzo(b)fluoranthene	150	U	150	400	500	ug/L
207-08-9	Benzo(k)fluoranthene	190	U	190	400	500	ug/L
50-32-8	Benzo(a)pyrene	270	U	270	400	500	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	210	U	210	400	500	ug/L
53-70-3	Dibenzo(a,h)anthracene	200	U	200	400	500	ug/L
191-24-2	Benzo(g,h,i)perylene	190	U	190	400	500	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	210	U	210	400	500	ug/L
123-91-1	1,4-Dioxane	240	U	240	400	500	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	130	U	130	400	500	ug/L
90-12-0	1-Methylnaphthalene	850	D	210	400	500	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	59.9		10-139		40	SPK: -150
13127-88-3	Phenol-d6	38.1		10-134		25	SPK: -150
4165-60-0	Nitrobenzene-d5	108.5		49-133		109	SPK: -100
321-60-8	2-Fluorobiphenyl	146.6	*	52-132		147	SPK: -100
118-79-6	2,4,6-Tribromophenol	135.5		32-145		90	SPK: -150
1718-51-0	Terphenyl-d14	141.5		36-145		141	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66984	6.781				
1146-65-2	Naphthalene-d8	259783	8.057				
15067-26-2	Acenaphthene-d10	132970	9.816				
1517-22-2	Phenanthrene-d10	238790	11.304				
1719-03-5	Chrysene-d12	126238	13.962				
1520-96-3	Perylene-d12	133337	15.445				



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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:	WC-LIQUIDS-20231213-01DL2	SDG No.:	BF122923
Lab Sample ID:	O5862-12DL2	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
BF136843.D	100	12/18/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB157895

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

Client:		Date Collected:	12/20/2023 12:00:00 AM
Project:		Date Received:	12/20/2023 12:00:00 AM
Client Sample ID:	DS01-GW-122023	SDG No.:	BF122923
Lab Sample ID:	O5975-05	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136844.D	1	12/28/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/20/2023 12:00:00 AM
Project:		Date Received:	12/20/2023 12:00:00 AM
Client Sample ID:	DS01-GW-122023	SDG No.:	BF122923
Lab Sample ID:	O5975-05	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136844.D	1	12/28/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/20/2023 12:00:00 AM
Project:		Date Received:	12/20/2023 12:00:00 AM
Client Sample ID:	DS01-GW-122023	SDG No.:	BF122923
Lab Sample ID:	O5975-05	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136844.D	1	12/28/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	130		65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	90.835		10-139		61	SPK: -150
13127-88-3	Phenol-d6	91.372		10-134		61	SPK: -150
4165-60-0	Nitrobenzene-d5	75.775		49-133		76	SPK: -100
321-60-8	2-Fluorobiphenyl	76.778		52-132		77	SPK: -100
118-79-6	2,4,6-Tribromophenol	66.442		32-145		44	SPK: -150
1718-51-0	Terphenyl-d14	81.393		36-145		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67661	6.781				
1146-65-2	Naphthalene-d8	266066	8.057				
15067-26-2	Acenaphthene-d10	137323	9.816				
1517-22-2	Phenanthrene-d10	250817	11.304				
1719-03-5	Chrysene-d12	140178	13.963				
1520-96-3	Perylene-d12	139006	15.439				



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Report of Analysis

Client:		Date Collected:	12/20/2023 12:00:00 AM
Project:		Date Received:	12/20/2023 12:00:00 AM
Client Sample ID:	DS01-GW-122023	SDG No.:	BF122923
Lab Sample ID:	O5975-05	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BF136844.D	1	12/28/2023 12:00:00 AM	12/29/2023 12:00:00 AM	PB158147

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

Client:		Date Collected:	12/20/2023 12:00:00 AM
Project:		Date Received:	12/20/2023 12:00:00 AM
Client Sample ID:	MR-315-0-2	SDG No.:	BF122923
Lab Sample ID:	O5980-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136845.D	1	12/23/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/20/2023 12:00:00 AM
Project:		Date Received:	12/20/2023 12:00:00 AM
Client Sample ID:	MR-315-0-2	SDG No.:	BF122923
Lab Sample ID:	O5980-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136845.D	1	12/23/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/20/2023 12:00:00 AM
Project:		Date Received:	12/20/2023 12:00:00 AM
Client Sample ID:	MR-315-0-2	SDG No.:	BF122923
Lab Sample ID:	O5980-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136845.D	1	12/23/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	114.211		10-139		76	SPK: -150
13127-88-3	Phenol-d6	100.71		10-134		67	SPK: -150
4165-60-0	Nitrobenzene-d5	83.136		49-133		83	SPK: -100
321-60-8	2-Fluorobiphenyl	83.209		52-132		83	SPK: -100
118-79-6	2,4,6-Tribromophenol	116.74		32-145		78	SPK: -150
1718-51-0	Terphenyl-d14	87.496		36-145		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72272	6.781				
1146-65-2	Naphthalene-d8	276514	8.057				
15067-26-2	Acenaphthene-d10	143226	9.816				
1517-22-2	Phenanthrene-d10	264111	11.304				
1719-03-5	Chrysene-d12	140134	13.963				
1520-96-3	Perylene-d12	141881	15.445				



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Report of Analysis

Client:		Date Collected:	12/20/2023 12:00:00 AM
Project:		Date Received:	12/20/2023 12:00:00 AM
Client Sample ID:	MR-315-0-2	SDG No.:	BF122923
Lab Sample ID:	O5980-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BF136845.D	1	12/23/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158057

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

Client:		Date Collected:	12/21/2023 12:00:00 AM
Project:		Date Received:	12/21/2023 12:00:00 AM
Client Sample ID:	MR-317-0-2D	SDG No.:	BF122923
Lab Sample ID:	O6015-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136846.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/21/2023 12:00:00 AM
Project:		Date Received:	12/21/2023 12:00:00 AM
Client Sample ID:	MR-317-0-2D	SDG No.:	BF122923
Lab Sample ID:	O6015-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136846.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/21/2023 12:00:00 AM
Project:		Date Received:	12/21/2023 12:00:00 AM
Client Sample ID:	MR-317-0-2D	SDG No.:	BF122923
Lab Sample ID:	O6015-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136846.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	110.682		10-139		74	SPK: -150
13127-88-3	Phenol-d6	98.026		10-134		65	SPK: -150
4165-60-0	Nitrobenzene-d5	79.965		49-133		80	SPK: -100
321-60-8	2-Fluorobiphenyl	83.161		52-132		83	SPK: -100
118-79-6	2,4,6-Tribromophenol	116.164		32-145		77	SPK: -150
1718-51-0	Terphenyl-d14	90.186		36-145		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71729	6.781				
1146-65-2	Naphthalene-d8	274901	8.057				
15067-26-2	Acenaphthene-d10	140397	9.816				
1517-22-2	Phenanthrene-d10	255064	11.304				
1719-03-5	Chrysene-d12	136650	13.962				
1520-96-3	Perylene-d12	140426	15.445				



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Report of Analysis

Client:		Date Collected:	12/21/2023 12:00:00 AM
Project:		Date Received:	12/21/2023 12:00:00 AM
Client Sample ID:	MR-317-0-2D	SDG No.:	BF122923
Lab Sample ID:	O6015-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BF136846.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

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

Client:		Date Collected:	12/21/2023 12:00:00 AM
Project:		Date Received:	12/21/2023 12:00:00 AM
Client Sample ID:	MR-317-0-2	SDG No.:	BF122923
Lab Sample ID:	O6015-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136847.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/21/2023 12:00:00 AM
Project:		Date Received:	12/21/2023 12:00:00 AM
Client Sample ID:	MR-317-0-2	SDG No.:	BF122923
Lab Sample ID:	O6015-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136847.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/21/2023 12:00:00 AM
Project:		Date Received:	12/21/2023 12:00:00 AM
Client Sample ID:	MR-317-0-2	SDG No.:	BF122923
Lab Sample ID:	O6015-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136847.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	109.999		10-139		73	SPK: -150
13127-88-3	Phenol-d6	98.05		10-134		65	SPK: -150
4165-60-0	Nitrobenzene-d5	77.956		49-133		78	SPK: -100
321-60-8	2-Fluorobiphenyl	81.688		52-132		82	SPK: -100
118-79-6	2,4,6-Tribromophenol	114.332		32-145		76	SPK: -150
1718-51-0	Terphenyl-d14	86.479		36-145		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72689	6.781				
1146-65-2	Naphthalene-d8	280432	8.057				
15067-26-2	Acenaphthene-d10	142161	9.816				
1517-22-2	Phenanthrene-d10	255908	11.304				
1719-03-5	Chrysene-d12	141656	13.963				
1520-96-3	Perylene-d12	146828	15.445				



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Report of Analysis

Client:		Date Collected:	12/21/2023 12:00:00 AM
Project:		Date Received:	12/21/2023 12:00:00 AM
Client Sample ID:	MR-317-0-2	SDG No.:	BF122923
Lab Sample ID:	O6015-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BF136847.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

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

Client:		Date Collected:	12/21/2023 12:00:00 AM
Project:		Date Received:	12/21/2023 12:00:00 AM
Client Sample ID:	MR-323-0-2	SDG No.:	BF122923
Lab Sample ID:	O6015-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136848.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/21/2023 12:00:00 AM
Project:		Date Received:	12/21/2023 12:00:00 AM
Client Sample ID:	MR-323-0-2	SDG No.:	BF122923
Lab Sample ID:	O6015-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136848.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/21/2023 12:00:00 AM
Project:		Date Received:	12/21/2023 12:00:00 AM
Client Sample ID:	MR-323-0-2	SDG No.:	BF122923
Lab Sample ID:	O6015-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136848.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	135.952		10-139		91	SPK: -150
13127-88-3	Phenol-d6	123.836		10-134		83	SPK: -150
4165-60-0	Nitrobenzene-d5	94.12		49-133		94	SPK: -100
321-60-8	2-Fluorobiphenyl	96.483		52-132		96	SPK: -100
118-79-6	2,4,6-Tribromophenol	142.74		32-145		95	SPK: -150
1718-51-0	Terphenyl-d14	106.805		36-145		107	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76313	6.781				
1146-65-2	Naphthalene-d8	298199	8.057				
15067-26-2	Acenaphthene-d10	150652	9.816				
1517-22-2	Phenanthrene-d10	284346	11.304				
1719-03-5	Chrysene-d12	154170	13.963				
1520-96-3	Perylene-d12	152851	15.445				



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Report of Analysis

Client:		Date Collected:	12/21/2023 12:00:00 AM
Project:		Date Received:	12/21/2023 12:00:00 AM
Client Sample ID:	MR-323-0-2	SDG No.:	BF122923
Lab Sample ID:	O6015-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BF136848.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

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

Client:		Date Collected:	12/21/2023 12:00:00 AM
Project:		Date Received:	12/21/2023 12:00:00 AM
Client Sample ID:	MR-323-6-8	SDG No.:	BF122923
Lab Sample ID:	O6015-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136849.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/21/2023 12:00:00 AM
Project:		Date Received:	12/21/2023 12:00:00 AM
Client Sample ID:	MR-323-6-8	SDG No.:	BF122923
Lab Sample ID:	O6015-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136849.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/21/2023 12:00:00 AM
Project:		Date Received:	12/21/2023 12:00:00 AM
Client Sample ID:	MR-323-6-8	SDG No.:	BF122923
Lab Sample ID:	O6015-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136849.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	112.932		10-139		75	SPK: -150
13127-88-3	Phenol-d6	101.073		10-134		67	SPK: -150
4165-60-0	Nitrobenzene-d5	83.717		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	84.658		52-132		85	SPK: -100
118-79-6	2,4,6-Tribromophenol	119.905		32-145		80	SPK: -150
1718-51-0	Terphenyl-d14	90.875		36-145		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75472	6.781				
1146-65-2	Naphthalene-d8	284122	8.057				
15067-26-2	Acenaphthene-d10	147555	9.816				
1517-22-2	Phenanthrene-d10	270169	11.304				
1719-03-5	Chrysene-d12	146496	13.963				
1520-96-3	Perylene-d12	149738	15.445				



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Report of Analysis

Client:		Date Collected:	12/21/2023 12:00:00 AM
Project:		Date Received:	12/21/2023 12:00:00 AM
Client Sample ID:	MR-323-6-8	SDG No.:	BF122923
Lab Sample ID:	O6015-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BF136849.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

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

Client:		Date Collected:	12/22/2023 12:00:00 AM
Project:		Date Received:	12/22/2023 12:00:00 AM
Client Sample ID:	MR-322-0-2	SDG No.:	BF122923
Lab Sample ID:	O6016-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136850.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/22/2023 12:00:00 AM
Project:		Date Received:	12/22/2023 12:00:00 AM
Client Sample ID:	MR-322-0-2	SDG No.:	BF122923
Lab Sample ID:	O6016-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136850.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/22/2023 12:00:00 AM
Project:		Date Received:	12/22/2023 12:00:00 AM
Client Sample ID:	MR-322-0-2	SDG No.:	BF122923
Lab Sample ID:	O6016-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136850.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	95.825		10-139		64	SPK: -150
13127-88-3	Phenol-d6	85.377		10-134		57	SPK: -150
4165-60-0	Nitrobenzene-d5	66.982		49-133		67	SPK: -100
321-60-8	2-Fluorobiphenyl	70.135		52-132		70	SPK: -100
118-79-6	2,4,6-Tribromophenol	91.3		32-145		61	SPK: -150
1718-51-0	Terphenyl-d14	72.473		36-145		72	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71415	6.781				
1146-65-2	Naphthalene-d8	276461	8.057				
15067-26-2	Acenaphthene-d10	141053	9.816				
1517-22-2	Phenanthrene-d10	253034	11.304				
1719-03-5	Chrysene-d12	138411	13.963				
1520-96-3	Perylene-d12	146120	15.445				



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Report of Analysis

Client:		Date Collected:	12/22/2023 12:00:00 AM
Project:		Date Received:	12/22/2023 12:00:00 AM
Client Sample ID:	MR-322-0-2	SDG No.:	BF122923
Lab Sample ID:	O6016-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BF136850.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

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

Client:		Date Collected:	12/22/2023 12:00:00 AM
Project:		Date Received:	12/22/2023 12:00:00 AM
Client Sample ID:	MR-322-4-6	SDG No.:	BF122923
Lab Sample ID:	O6016-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136851.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/22/2023 12:00:00 AM
Project:		Date Received:	12/22/2023 12:00:00 AM
Client Sample ID:	MR-322-4-6	SDG No.:	BF122923
Lab Sample ID:	O6016-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136851.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/22/2023 12:00:00 AM
Project:		Date Received:	12/22/2023 12:00:00 AM
Client Sample ID:	MR-322-4-6	SDG No.:	BF122923
Lab Sample ID:	O6016-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136851.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	104.806		10-139		70	SPK: -150
13127-88-3	Phenol-d6	93.575		10-134		62	SPK: -150
4165-60-0	Nitrobenzene-d5	74.363		49-133		74	SPK: -100
321-60-8	2-Fluorobiphenyl	76.461		52-132		76	SPK: -100
118-79-6	2,4,6-Tribromophenol	102.999		32-145		69	SPK: -150
1718-51-0	Terphenyl-d14	78.195		36-145		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75816	6.781				
1146-65-2	Naphthalene-d8	295313	8.057				
15067-26-2	Acenaphthene-d10	149628	9.816				
1517-22-2	Phenanthrene-d10	273969	11.304				
1719-03-5	Chrysene-d12	152714	13.962				
1520-96-3	Perylene-d12	152527	15.445				



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Report of Analysis

Client:		Date Collected:	12/22/2023 12:00:00 AM
Project:		Date Received:	12/22/2023 12:00:00 AM
Client Sample ID:	MR-322-4-6	SDG No.:	BF122923
Lab Sample ID:	O6016-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BF136851.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

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

Client:		Date Collected:	12/26/2023 12:00:00 AM
Project:		Date Received:	12/26/2023 12:00:00 AM
Client Sample ID:	MR-321-0-2	SDG No.:	BF122923
Lab Sample ID:	O6031-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136852.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/26/2023 12:00:00 AM
Project:		Date Received:	12/26/2023 12:00:00 AM
Client Sample ID:	MR-321-0-2	SDG No.:	BF122923
Lab Sample ID:	O6031-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136852.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/26/2023 12:00:00 AM
Project:		Date Received:	12/26/2023 12:00:00 AM
Client Sample ID:	MR-321-0-2	SDG No.:	BF122923
Lab Sample ID:	O6031-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136852.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	108.471		10-139		72	SPK: -150
13127-88-3	Phenol-d6	96.451		10-134		64	SPK: -150
4165-60-0	Nitrobenzene-d5	78.351		49-133		78	SPK: -100
321-60-8	2-Fluorobiphenyl	78.65		52-132		79	SPK: -100
118-79-6	2,4,6-Tribromophenol	102.496		32-145		68	SPK: -150
1718-51-0	Terphenyl-d14	83.605		36-145		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74170	6.781				
1146-65-2	Naphthalene-d8	283064	8.057				
15067-26-2	Acenaphthene-d10	147755	9.816				
1517-22-2	Phenanthrene-d10	276234	11.304				
1719-03-5	Chrysene-d12	143440	13.963				
1520-96-3	Perylene-d12	145173	15.445				



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Report of Analysis

Client:		Date Collected:	12/26/2023 12:00:00 AM
Project:		Date Received:	12/26/2023 12:00:00 AM
Client Sample ID:	MR-321-0-2	SDG No.:	BF122923
Lab Sample ID:	O6031-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BF136852.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

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

Client:		Date Collected:	12/26/2023 12:00:00 AM
Project:		Date Received:	12/26/2023 12:00:00 AM
Client Sample ID:	MR-321-10-12	SDG No.:	BF122923
Lab Sample ID:	O6031-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136853.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/26/2023 12:00:00 AM
Project:		Date Received:	12/26/2023 12:00:00 AM
Client Sample ID:	MR-321-10-12	SDG No.:	BF122923
Lab Sample ID:	O6031-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136853.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	12/26/2023 12:00:00 AM
Project:		Date Received:	12/26/2023 12:00:00 AM
Client Sample ID:	MR-321-10-12	SDG No.:	BF122923
Lab Sample ID:	O6031-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF136853.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	109.094		10-139		73	SPK: -150
13127-88-3	Phenol-d6	97.063		10-134		65	SPK: -150
4165-60-0	Nitrobenzene-d5	78.869		49-133		79	SPK: -100
321-60-8	2-Fluorobiphenyl	81.266		52-132		81	SPK: -100
118-79-6	2,4,6-Tribromophenol	102.614		32-145		68	SPK: -150
1718-51-0	Terphenyl-d14	79.776		36-145		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71070	6.781				
1146-65-2	Naphthalene-d8	272327	8.057				
15067-26-2	Acenaphthene-d10	140236	9.816				
1517-22-2	Phenanthrene-d10	261738	11.304				
1719-03-5	Chrysene-d12	141491	13.963				
1520-96-3	Perylene-d12	147305	15.445				



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Report of Analysis

Client:		Date Collected:	12/26/2023 12:00:00 AM
Project:		Date Received:	12/26/2023 12:00:00 AM
Client Sample ID:	MR-321-10-12	SDG No.:	BF122923
Lab Sample ID:	O6031-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BF136853.D	1	12/28/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB158147

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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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:	GHL-SS-40-D	SDG No.:	BF122923
Lab Sample ID:	O5897-14	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	26.3
Sample Wt/Vol:	30.07 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
BF136854.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	370	450	ug/Kg
110-86-1	Pyridine	98	U	98	180	230	ug/Kg
100-52-7	Benzaldehyde	200	U	200	370	450	ug/Kg
62-53-3	Aniline	160	U	160	180	230	ug/Kg
108-95-2	Phenol	100	U	100	180	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	180	230	ug/Kg
95-57-8	2-Chlorophenol	97.5	U	97.5	180	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	180	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	180	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	180	230	ug/Kg
100-51-6	Benzyl Alcohol	130	U	130	370	450	ug/Kg
95-48-7	2-Methylphenol	150	U	150	180	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	180	230	ug/Kg
98-86-2	Acetophenone	120	U	120	180	230	ug/Kg
65794-96-9	3+4-Methylphenols	150	U	150	370	450	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	79.9	U	79.9	110	110	ug/Kg
67-72-1	Hexachloroethane	99.6	U	99.6	180	230	ug/Kg
98-95-3	Nitrobenzene	100	U	100	180	230	ug/Kg
78-59-1	Isophorone	92.2	U	92.2	180	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	180	230	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	180	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	150	U	150	180	230	ug/Kg
120-83-2	2,4-Dichlorophenol	110	U	110	180	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	180	230	ug/Kg
65-85-0	Benzoic acid	290	U	290	370	450	ug/Kg
91-20-3	Naphthalene	110	U	110	180	230	ug/Kg
106-47-8	4-Chloroaniline	140	U	140	180	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	180	230	ug/Kg
105-60-2	Caprolactam	160	U	160	370	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	180	230	ug/Kg
91-57-6	2-Methylnaphthalene	130	U	130	180	230	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:	GHL-SS-40-D	SDG No.:	BF122923
Lab Sample ID:	O5897-14	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	26.3
Sample Wt/Vol:	30.07 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
BF136854.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	280	U	280	370	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	180	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	180	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	180	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	180	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	180	230	ug/Kg
131-11-3	Dimethylphthalate	120	U	120	180	230	ug/Kg
208-96-8	Acenaphthylene	120	U	120	180	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	180	230	ug/Kg
99-09-2	3-Nitroaniline	130	U	130	180	230	ug/Kg
83-32-9	Acenaphthene	110	U	110	180	230	ug/Kg
Total PAH	Total PAH	1950	U	1950	180	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	370	450	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	370	450	ug/Kg
132-64-9	Dibenzofuran	100	U	100	180	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	260	U	260	180	460	ug/Kg
121-14-2	2,4-Dinitrotoluene	140	U	140	180	230	ug/Kg
84-66-2	Diethylphthalate	120	U	120	180	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	180	230	ug/Kg
86-73-7	Fluorene	110	U	110	180	230	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	180	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	370	450	ug/Kg
86-30-6	n-Nitrosodiphenylamine	130	U	130	180	230	ug/Kg
103-33-3	Azobenzene	99.5	U	99.5	180	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	180	230	ug/Kg
118-74-1	Hexachlorobenzene	130	U	130	180	230	ug/Kg
1912-24-9	Atrazine	130	U	130	180	230	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	370	450	ug/Kg
85-01-8	Phenanthrene	130	U	130	180	230	ug/Kg
120-12-7	Anthracene	140	U	140	180	230	ug/Kg
86-74-8	Carbazole	110	U	110	180	230	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	180	230	ug/Kg
206-44-0	Fluoranthene	130	U	130	180	230	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:	GHL-SS-40-D	SDG No.:	BF122923
Lab Sample ID:	O5897-14	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	26.3
Sample Wt/Vol:	30.07 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
BF136854.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	260	U	260	370	450	ug/Kg
129-00-0	Pyrene	110	U	110	180	230	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	180	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	220	U	220	370	450	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	180	230	ug/Kg
218-01-9	Chrysene	120	U	120	180	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	U	160	180	230	ug/Kg
117-84-0	Di-n-octyl phthalate	170	U	170	370	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	180	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	U	120	180	230	ug/Kg
50-32-8	Benzo(a)pyrene	130	U	130	180	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	140	180	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	180	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	U	130	180	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	180	230	ug/Kg
123-91-1	1,4-Dioxane	160	U	160	180	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	180	230	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	76.544		18-112		51	SPK: -150
13127-88-3	Phenol-d6	76.112		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	52.08		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	55.146		20-109		55	SPK: -100
118-79-6	2,4,6-Tribromophenol	30.121		10-110		20	SPK: -150
1718-51-0	Terphenyl-d14	51.368		14-112		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68033	6.781				
1146-65-2	Naphthalene-d8	263441	8.057				
15067-26-2	Acenaphthene-d10	132100	9.816				
1517-22-2	Phenanthrene-d10	242328	11.304				
1719-03-5	Chrysene-d12	134897	13.963				
1520-96-3	Perylene-d12	135011	15.445				



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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:	GHL-SS-40-D	SDG No.:	BF122923
Lab Sample ID:	O5897-14	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	26.3
Sample Wt/Vol:	30.07	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
BF136854.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
004254-15-3	(S)-(+)-1,2-Propanediol	250	J			3.328	
	unknown9.928	4800	J			9.928	

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:	GHL-SS-42	SDG No.:	BF122923
Lab Sample ID:	O5897-15	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	67.8
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
BF136855.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	240	U	240	840	1000	ug/Kg
110-86-1	Pyridine	220	U	220	400	530	ug/Kg
100-52-7	Benzaldehyde	460	U	460	840	1000	ug/Kg
62-53-3	Aniline	360	U	360	400	530	ug/Kg
108-95-2	Phenol	230	U	230	400	530	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	280	U	280	400	530	ug/Kg
95-57-8	2-Chlorophenol	220	U	220	400	530	ug/Kg
95-50-1	1,2-Dichlorobenzene	250	U	250	400	530	ug/Kg
541-73-1	1,3-Dichlorobenzene	270	U	270	400	530	ug/Kg
106-46-7	1,4-Dichlorobenzene	260	U	260	400	530	ug/Kg
100-51-6	Benzyl Alcohol	310	U	310	840	1000	ug/Kg
95-48-7	2-Methylphenol	350	U	350	400	530	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	330	U	330	400	530	ug/Kg
98-86-2	Acetophenone	270	U	270	400	530	ug/Kg
65794-96-9	3+4-Methylphenols	330	U	330	840	1000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	180	U	180	250	250	ug/Kg
67-72-1	Hexachloroethane	230	U	230	400	530	ug/Kg
98-95-3	Nitrobenzene	230	U	230	400	530	ug/Kg
78-59-1	Isophorone	210	U	210	400	530	ug/Kg
88-75-5	2-Nitrophenol	290	U	290	400	530	ug/Kg
105-67-9	2,4-Dimethylphenol	310	U	310	400	530	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	350	U	350	400	530	ug/Kg
120-83-2	2,4-Dichlorophenol	240	U	240	400	530	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	240	U	240	400	530	ug/Kg
65-85-0	Benzoic acid	660	U	660	840	1000	ug/Kg
91-20-3	Naphthalene	250	U	250	400	530	ug/Kg
106-47-8	4-Chloroaniline	330	U	330	400	530	ug/Kg
87-68-3	Hexachlorobutadiene	260	U	260	400	530	ug/Kg
105-60-2	Caprolactam	360	U	360	840	1000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	260	U	260	400	530	ug/Kg
91-57-6	2-Methylnaphthalene	290	U	290	400	530	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:	GHL-SS-42	SDG No.:	BF122923
Lab Sample ID:	O5897-15	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	67.8
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
BF136855.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	650	U	650	840	1000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240	U	240	400	530	ug/Kg
95-95-4	2,4,5-Trichlorophenol	270	U	270	400	530	ug/Kg
92-52-4	1,1-Biphenyl	280	U	280	400	530	ug/Kg
91-58-7	2-Chloronaphthalene	260	U	260	400	530	ug/Kg
88-74-4	2-Nitroaniline	310	U	310	400	530	ug/Kg
131-11-3	Dimethylphthalate	280	U	280	400	530	ug/Kg
208-96-8	Acenaphthylene	270	U	270	400	530	ug/Kg
606-20-2	2,6-Dinitrotoluene	280	U	280	400	530	ug/Kg
99-09-2	3-Nitroaniline	290	U	290	400	530	ug/Kg
83-32-9	Acenaphthene	250	U	250	400	530	ug/Kg
Total PAH	Total PAH	4450	U	4450	400	8480	ug/Kg
51-28-5	2,4-Dinitrophenol	560	U	560	840	1000	ug/Kg
100-02-7	4-Nitrophenol	350	U	350	840	1000	ug/Kg
132-64-9	Dibenzofuran	240	U	240	400	530	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	590	U	590	400	1060	ug/Kg
121-14-2	2,4-Dinitrotoluene	310	U	310	400	530	ug/Kg
84-66-2	Diethylphthalate	270	U	270	400	530	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280	U	280	400	530	ug/Kg
86-73-7	Fluorene	260	U	260	400	530	ug/Kg
100-01-6	4-Nitroaniline	320	U	320	400	530	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	270	U	270	840	1000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	290	U	290	400	530	ug/Kg
103-33-3	Azobenzene	230	U	230	400	530	ug/Kg
101-55-3	4-Bromophenyl-phenylether	300	U	300	400	530	ug/Kg
118-74-1	Hexachlorobenzene	310	U	310	400	530	ug/Kg
1912-24-9	Atrazine	300	U	300	400	530	ug/Kg
87-86-5	Pentachlorophenol	340	U	340	840	1000	ug/Kg
85-01-8	Phenanthrene	290	U	290	400	530	ug/Kg
120-12-7	Anthracene	320	U	320	400	530	ug/Kg
86-74-8	Carbazole	260	U	260	400	530	ug/Kg
84-74-2	Di-n-butylphthalate	320	U	320	400	530	ug/Kg
206-44-0	Fluoranthene	290	U	290	400	530	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:	GHL-SS-42	SDG No.:	BF122923
Lab Sample ID:	O5897-15	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	67.8
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
BF136855.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	600	U	600	840	1000	ug/Kg
129-00-0	Pyrene	260	U	260	400	530	ug/Kg
85-68-7	Butylbenzylphthalate	320	U	320	400	530	ug/Kg
91-94-1	3,3-Dichlorobenzidine	500	U	500	840	1000	ug/Kg
56-55-3	Benzo(a)anthracene	260	U	260	400	530	ug/Kg
218-01-9	Chrysene	270	U	270	400	530	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	360	U	360	400	530	ug/Kg
117-84-0	Di-n-octyl phthalate	380	U	380	840	1000	ug/Kg
205-99-2	Benzo(b)fluoranthene	250	U	250	400	530	ug/Kg
207-08-9	Benzo(k)fluoranthene	270	U	270	400	530	ug/Kg
50-32-8	Benzo(a)pyrene	290	U	290	400	530	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	330	U	330	400	530	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	300	U	300	400	530	ug/Kg
191-24-2	Benzo(g,h,i)perylene	290	U	290	400	530	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	280	400	530	ug/Kg
123-91-1	1,4-Dioxane	360	U	360	400	530	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	260	U	260	400	530	ug/Kg
90-12-0	1-Methylnaphthalene	280	U	280	530	530	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	56.664		18-112		38	SPK: -150
13127-88-3	Phenol-d6	84.982		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	58.122		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	67.671		20-109		68	SPK: -100
118-79-6	2,4,6-Tribromophenol	13.948	*	10-110		9	SPK: -150
1718-51-0	Terphenyl-d14	76.419		14-112		76	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68513	6.781				
1146-65-2	Naphthalene-d8	262636	8.057				
15067-26-2	Acenaphthene-d10	135453	9.81				
1517-22-2	Phenanthrene-d10	256648	11.304				
1719-03-5	Chrysene-d12	138702	13.963				
1520-96-3	Perylene-d12	132040	15.439				



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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:	GHL-SS-42	SDG No.:	BF122923
Lab Sample ID:	O5897-15	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	67.8
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
BF136855.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5700	A			5.022	
1010280-28-3	1,5-Bis(4-fluorophenyl)-1,3,5-trio	350	J			10.422	
	unknown11.463	230	J			11.463	
000332-86-5	4-Heptanone, 1,1,1,7,7,7-hexafluor	490	J			13.563	

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:	GHL-SS-40	SDG No.:	BF122923
Lab Sample ID:	O5897-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	27.8
Sample Wt/Vol:	30.02	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
BF136856.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	370	460	ug/Kg
110-86-1	Pyridine	100	U	100	180	240	ug/Kg
100-52-7	Benzaldehyde	200	U	200	370	460	ug/Kg
62-53-3	Aniline	160	U	160	180	240	ug/Kg
108-95-2	Phenol	100	U	100	180	240	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	180	240	ug/Kg
95-57-8	2-Chlorophenol	99.7	U	99.7	180	240	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	180	240	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	180	240	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	180	240	ug/Kg
100-51-6	Benzyl Alcohol	140	U	140	370	460	ug/Kg
95-48-7	2-Methylphenol	160	U	160	180	240	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	150	180	240	ug/Kg
98-86-2	Acetophenone	120	U	120	180	240	ug/Kg
65794-96-9	3+4-Methylphenols	150	U	150	370	460	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	81.7	U	81.7	110	110	ug/Kg
67-72-1	Hexachloroethane	100	U	100	180	240	ug/Kg
98-95-3	Nitrobenzene	100	U	100	180	240	ug/Kg
78-59-1	Isophorone	94.3	U	94.3	180	240	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	180	240	ug/Kg
105-67-9	2,4-Dimethylphenol	140	U	140	180	240	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	160	U	160	180	240	ug/Kg
120-83-2	2,4-Dichlorophenol	110	U	110	180	240	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	180	240	ug/Kg
65-85-0	Benzoic acid	300	U	300	370	460	ug/Kg
91-20-3	Naphthalene	110	U	110	180	240	ug/Kg
106-47-8	4-Chloroaniline	150	U	150	180	240	ug/Kg
87-68-3	Hexachlorobutadiene	120	U	120	180	240	ug/Kg
105-60-2	Caprolactam	160	U	160	370	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	180	240	ug/Kg
91-57-6	2-Methylnaphthalene	130	U	130	180	240	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:	GHL-SS-40	SDG No.:	BF122923
Lab Sample ID:	O5897-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	27.8
Sample Wt/Vol:	30.02 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
BF136856.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	290	U	290	370	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	180	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	180	240	ug/Kg
92-52-4	1,1-Biphenyl	130	U	130	180	240	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	180	240	ug/Kg
88-74-4	2-Nitroaniline	140	U	140	180	240	ug/Kg
131-11-3	Dimethylphthalate	120	U	120	180	240	ug/Kg
208-96-8	Acenaphthylene	120	U	120	180	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	180	240	ug/Kg
99-09-2	3-Nitroaniline	130	U	130	180	240	ug/Kg
83-32-9	Acenaphthene	110	U	110	180	240	ug/Kg
Total PAH	Total PAH	1990	U	1990	180	3840	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	370	460	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	370	460	ug/Kg
132-64-9	Dibenzofuran	110	U	110	180	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	140	U	140	180	240	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	260	U	260	180	480	ug/Kg
84-66-2	Diethylphthalate	120	U	120	180	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	130	U	130	180	240	ug/Kg
86-73-7	Fluorene	120	U	120	180	240	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	180	240	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	370	460	ug/Kg
86-30-6	n-Nitrosodiphenylamine	130	U	130	180	240	ug/Kg
103-33-3	Azobenzene	100	U	100	180	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	180	240	ug/Kg
118-74-1	Hexachlorobenzene	140	U	140	180	240	ug/Kg
1912-24-9	Atrazine	130	U	130	180	240	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	370	460	ug/Kg
85-01-8	Phenanthrene	130	U	130	180	240	ug/Kg
120-12-7	Anthracene	140	U	140	180	240	ug/Kg
86-74-8	Carbazole	120	U	120	180	240	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	180	240	ug/Kg
206-44-0	Fluoranthene	130	U	130	180	240	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:	GHL-SS-40	SDG No.:	BF122923
Lab Sample ID:	O5897-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	27.8
Sample Wt/Vol:	30.02 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
BF136856.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	270	U	270	370	460	ug/Kg
129-00-0	Pyrene	120	U	120	180	240	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	180	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	220	U	220	370	460	ug/Kg
56-55-3	Benzo(a)anthracene	120	U	120	180	240	ug/Kg
218-01-9	Chrysene	120	U	120	180	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	U	160	180	240	ug/Kg
117-84-0	Di-n-octyl phthalate	170	U	170	370	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	180	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	U	120	180	240	ug/Kg
50-32-8	Benzo(a)pyrene	130	U	130	180	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	U	150	180	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	180	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	U	130	180	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	180	240	ug/Kg
123-91-1	1,4-Dioxane	160	U	160	180	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	180	240	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	240	240	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.411		18-112		59	SPK: -150
13127-88-3	Phenol-d6	87.398		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	60.877		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	61.898		20-109		62	SPK: -100
118-79-6	2,4,6-Tribromophenol	36.988		10-110		25	SPK: -150
1718-51-0	Terphenyl-d14	59.839		14-112		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71727	6.781				
1146-65-2	Naphthalene-d8	273036	8.057				
15067-26-2	Acenaphthene-d10	141224	9.816				
1517-22-2	Phenanthrene-d10	266961	11.304				
1719-03-5	Chrysene-d12	147292	13.963				
1520-96-3	Perylene-d12	139208	15.439				



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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:	GHL-SS-40	SDG No.:	BF122923
Lab Sample ID:	O5897-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	27.8
Sample Wt/Vol:	30.02	Final Vol:	1000 uL
Soil Aliquot Vol:		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF136856.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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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:	GHL-SS-41	SDG No.:	BF122923
Lab Sample ID:	O5897-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24.3
Sample Wt/Vol:	30.06	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
BF136857.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	360	440	ug/Kg
110-86-1	Pyridine	95.4	U	95.4	170	220	ug/Kg
100-52-7	Benzaldehyde	200	U	200	360	440	ug/Kg
62-53-3	Aniline	150	U	150	170	220	ug/Kg
108-95-2	Phenol	98.1	U	98.1	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	170	220	ug/Kg
95-57-8	2-Chlorophenol	94.9	U	94.9	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	130	U	130	360	440	ug/Kg
95-48-7	2-Methylphenol	150	U	150	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	140	U	140	360	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	77.8	U	77.8	110	110	ug/Kg
67-72-1	Hexachloroethane	97	U	97	170	220	ug/Kg
98-95-3	Nitrobenzene	99.1	U	99.1	170	220	ug/Kg
78-59-1	Isophorone	89.8	U	89.8	170	220	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	150	U	150	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	170	220	ug/Kg
65-85-0	Benzoic acid	280	U	280	360	440	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	140	U	140	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg
105-60-2	Caprolactam	150	U	150	360	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	130	U	130	170	220	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:	GHL-SS-41	SDG No.:	BF122923
Lab Sample ID:	O5897-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24.3
Sample Wt/Vol:	30.06	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
BF136857.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	280	U	280	360	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	170	220	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	220	ug/Kg
131-11-3	Dimethylphthalate	120	U	120	170	220	ug/Kg
208-96-8	Acenaphthylene	120	U	120	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	170	220	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	220	ug/Kg
83-32-9	Acenaphthene	110	U	110	170	220	ug/Kg
Total PAH	Total PAH	1890	U	1890	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	360	440	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	360	440	ug/Kg
132-64-9	Dibenzofuran	100	U	100	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	250	U	250	170	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	U	130	170	220	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	360	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	120	U	120	170	220	ug/Kg
103-33-3	Azobenzene	96.9	U	96.9	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	170	220	ug/Kg
118-74-1	Hexachlorobenzene	130	U	130	170	220	ug/Kg
1912-24-9	Atrazine	130	U	130	170	220	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	360	440	ug/Kg
85-01-8	Phenanthrene	120	U	120	170	220	ug/Kg
120-12-7	Anthracene	130	U	130	170	220	ug/Kg
86-74-8	Carbazole	110	U	110	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	170	220	ug/Kg
206-44-0	Fluoranthene	120	U	120	170	220	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:	GHL-SS-41	SDG No.:	BF122923
Lab Sample ID:	O5897-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24.3
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
BF136857.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	250	U	250	360	440	ug/Kg
129-00-0	Pyrene	110	U	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	210	U	210	360	440	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	170	220	ug/Kg
218-01-9	Chrysene	110	U	110	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	160	U	160	360	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	U	120	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	140	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	U	120	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	170	220	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	82.98		18-112		55	SPK: -150
13127-88-3	Phenol-d6	84.626		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	57.873		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	58.548		20-109		59	SPK: -100
118-79-6	2,4,6-Tribromophenol	44.807		10-110		30	SPK: -150
1718-51-0	Terphenyl-d14	56.675		14-112		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73167	6.781				
1146-65-2	Naphthalene-d8	282546	8.057				
15067-26-2	Acenaphthene-d10	143726	9.81				
1517-22-2	Phenanthrene-d10	266554	11.304				
1719-03-5	Chrysene-d12	142429	13.963				
1520-96-3	Perylene-d12	141933	15.439				



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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:	GHL-SS-41	SDG No.:	BF122923
Lab Sample ID:	O5897-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24.3
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
BF136857.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown	3.322	210	J		3.322	
	unknown	9.916	280	J		9.916	
000112-95-8	Eicosane	140	J			15.086	
000630-02-4	Octacosane	190	J			15.921	
000638-66-4	Octadecanal	110	J			16.745	
1000193-60-8	1,1,4a-Trimethyl-5,6-dimethylenede	260	J			17.098	
	unknown	18.245	150	J		18.245	

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:	GHL-SS-33	SDG No.:	BF122923
Lab Sample ID:	O5897-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.8
Sample Wt/Vol:	30.05	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
BF136858.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	97.4	U	97.4	340	420	ug/Kg
110-86-1	Pyridine	91.3	U	91.3	160	210	ug/Kg
100-52-7	Benzaldehyde	190	U	190	340	420	ug/Kg
62-53-3	Aniline	150	U	150	160	210	ug/Kg
108-95-2	Phenol	93.8	U	93.8	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	160	210	ug/Kg
95-57-8	2-Chlorophenol	90.8	U	90.8	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	160	210	ug/Kg
100-51-6	Benzyl Alcohol	120	U	120	340	420	ug/Kg
95-48-7	2-Methylphenol	140	U	140	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	140	U	140	340	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	74.4	U	74.4	100	100	ug/Kg
67-72-1	Hexachloroethane	92.8	U	92.8	160	210	ug/Kg
98-95-3	Nitrobenzene	94.8	U	94.8	160	210	ug/Kg
78-59-1	Isophorone	85.8	U	85.8	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	140	U	140	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	98.4	U	98.4	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	97.7	U	97.7	160	210	ug/Kg
65-85-0	Benzoic acid	270	U	270	340	420	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	160	210	ug/Kg
105-60-2	Caprolactam	150	U	150	340	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	120	U	120	160	210	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:	GHL-SS-33	SDG No.:	BF122923
Lab Sample ID:	O5897-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.8
Sample Wt/Vol:	30.05 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
BF136858.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	260	U	260	340	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	97.2	U	97.2	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	160	210	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	160	210	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	160	210	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	160	210	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	160	210	ug/Kg
83-32-9	Acenaphthene	100	U	100	160	210	ug/Kg
Total PAH	Total PAH	1820	U	1820	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	340	420	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	340	420	ug/Kg
132-64-9	Dibenzofuran	96.9	U	96.9	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	240	U	240	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	U	130	160	210	ug/Kg
84-66-2	Diethylphthalate	110	U	110	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	110	U	110	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	340	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	120	U	120	160	210	ug/Kg
103-33-3	Azobenzene	92.6	U	92.6	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	160	210	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	160	210	ug/Kg
1912-24-9	Atrazine	120	U	120	160	210	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	340	420	ug/Kg
85-01-8	Phenanthrene	120	U	120	160	210	ug/Kg
120-12-7	Anthracene	130	U	130	160	210	ug/Kg
86-74-8	Carbazole	110	U	110	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	160	210	ug/Kg
206-44-0	Fluoranthene	120	U	120	160	210	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:	GHL-SS-33	SDG No.:	BF122923
Lab Sample ID:	O5897-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.8
Sample Wt/Vol:	30.05 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
BF136858.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	240	U	240	340	420	ug/Kg
129-00-0	Pyrene	110	U	110	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	200	U	200	340	420	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	160	210	ug/Kg
218-01-9	Chrysene	110	U	110	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	160	U	160	340	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	U	130	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	U	120	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	U	120	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.629		18-112		61	SPK: -150
13127-88-3	Phenol-d6	92.51		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	63.282		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	66.838		20-109		67	SPK: -100
118-79-6	2,4,6-Tribromophenol	36.581		10-110		24	SPK: -150
1718-51-0	Terphenyl-d14	67.089		14-112		67	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69010	6.781				
1146-65-2	Naphthalene-d8	267868	8.057				
15067-26-2	Acenaphthene-d10	137582	9.81				
1517-22-2	Phenanthrene-d10	252563	11.304				
1719-03-5	Chrysene-d12	138571	13.963				
1520-96-3	Perylene-d12	137667	15.439				



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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:	GHL-SS-33	SDG No.:	BF122923
Lab Sample ID:	O5897-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.8
Sample Wt/Vol:	30.05	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
BF136858.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	A			5.016	
	unknown13.480	92.4	J			13.48	

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:	GHL-SS-34	SDG No.:	BF122923
Lab Sample ID:	O5897-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.7
Sample Wt/Vol:	30.07	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
BF136859.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

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	96.3	U	96.3	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	97.6	U	97.6	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:	GHL-SS-34	SDG No.:	BF122923
Lab Sample ID:	O5897-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.7
Sample Wt/Vol:	30.07 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
BF136859.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

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	91.2	U	91.2	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	U	95	150	200	ug/Kg
Total PAH	Total PAH	1684.7	U	1684.7	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	130	J	110	150	200	ug/Kg
120-12-7	Anthracene	480		120	150	200	ug/Kg
86-74-8	Carbazole	160	J	100	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	150	200	ug/Kg
206-44-0	Fluoranthene	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:	GHL-SS-34	SDG No.:	BF122923
Lab Sample ID:	O5897-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.7
Sample Wt/Vol:	30.07 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
BF136859.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

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	99.1	U	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	U	100	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	540		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	95	U	95	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	73.592		18-112		49	SPK: -150
13127-88-3	Phenol-d6	75.286		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	53.297		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	57.066		20-109		57	SPK: -100
118-79-6	2,4,6-Tribromophenol	36.643		10-110		24	SPK: -150
1718-51-0	Terphenyl-d14	58.072		14-112		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73518	6.781				
1146-65-2	Naphthalene-d8	281357	8.057				
15067-26-2	Acenaphthene-d10	143787	9.81				
1517-22-2	Phenanthrene-d10	262370	11.304				
1719-03-5	Chrysene-d12	137168	13.963				
1520-96-3	Perylene-d12	147161	15.439				



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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:	GHL-SS-34	SDG No.:	BF122923
Lab Sample ID:	O5897-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.7
Sample Wt/Vol:	30.07	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
BF136859.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown	11.728	130	J		11.728	

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:	GHL-SS-20	SDG No.:	BF122923
Lab Sample ID:	O5897-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.9
Sample Wt/Vol:	30.09	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
BF136860.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	97.4	U	97.4	340	420	ug/Kg
110-86-1	Pyridine	91.3	U	91.3	160	210	ug/Kg
100-52-7	Benzaldehyde	190	U	190	340	420	ug/Kg
62-53-3	Aniline	150	U	150	160	210	ug/Kg
108-95-2	Phenol	93.8	U	93.8	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	160	210	ug/Kg
95-57-8	2-Chlorophenol	90.8	U	90.8	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	160	210	ug/Kg
100-51-6	Benzyl Alcohol	120	U	120	340	420	ug/Kg
95-48-7	2-Methylphenol	140	U	140	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	140	U	140	340	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	74.4	U	74.4	100	100	ug/Kg
67-72-1	Hexachloroethane	92.8	U	92.8	160	210	ug/Kg
98-95-3	Nitrobenzene	94.8	U	94.8	160	210	ug/Kg
78-59-1	Isophorone	85.8	U	85.8	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	140	U	140	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	98.4	U	98.4	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	97.7	U	97.7	160	210	ug/Kg
65-85-0	Benzoic acid	270	U	270	340	420	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	160	210	ug/Kg
105-60-2	Caprolactam	150	U	150	340	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	120	U	120	160	210	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:	GHL-SS-20	SDG No.:	BF122923
Lab Sample ID:	O5897-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.9
Sample Wt/Vol:	30.09	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
BF136860.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	260	U	260	340	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	97.2	U	97.2	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	160	210	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	160	210	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	160	210	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	160	210	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	160	210	ug/Kg
83-32-9	Acenaphthene	100	U	100	160	210	ug/Kg
Total PAH	Total PAH	1820	U	1820	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	340	420	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	340	420	ug/Kg
132-64-9	Dibenzofuran	96.9	U	96.9	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	240	U	240	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	U	130	160	210	ug/Kg
84-66-2	Diethylphthalate	110	U	110	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	110	U	110	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	340	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	120	U	120	160	210	ug/Kg
103-33-3	Azobenzene	92.6	U	92.6	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	160	210	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	160	210	ug/Kg
1912-24-9	Atrazine	120	U	120	160	210	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	340	420	ug/Kg
85-01-8	Phenanthrene	120	U	120	160	210	ug/Kg
120-12-7	Anthracene	130	U	130	160	210	ug/Kg
86-74-8	Carbazole	110	U	110	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	160	210	ug/Kg
206-44-0	Fluoranthene	120	U	120	160	210	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:	GHL-SS-20	SDG No.:	BF122923
Lab Sample ID:	O5897-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.9
Sample Wt/Vol:	30.09	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
BF136860.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	240	U	240	340	420	ug/Kg
129-00-0	Pyrene	110	U	110	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	200	U	200	340	420	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	160	210	ug/Kg
218-01-9	Chrysene	110	U	110	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	160	U	160	340	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	U	130	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	U	120	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	U	120	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	71.368		18-112		48	SPK: -150
13127-88-3	Phenol-d6	72.09		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	48.11		18-107		48	SPK: -100
321-60-8	2-Fluorobiphenyl	44.494		20-109		44	SPK: -100
118-79-6	2,4,6-Tribromophenol	26.043		10-110		17	SPK: -150
1718-51-0	Terphenyl-d14	47.309		14-112		47	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71569	6.781				
1146-65-2	Naphthalene-d8	276602	8.057				
15067-26-2	Acenaphthene-d10	141507	9.816				
1517-22-2	Phenanthrene-d10	266903	11.304				
1719-03-5	Chrysene-d12	141164	13.963				
1520-96-3	Perylene-d12	143974	15.439				



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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:	GHL-SS-20	SDG No.:	BF122923
Lab Sample ID:	O5897-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.9
Sample Wt/Vol:	30.09	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
BF136860.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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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:	GHL-SS-32	SDG No.:	BF122923
Lab Sample ID:	O5897-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.8
Sample Wt/Vol:	30.08	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
BF136861.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	89.4	U	89.4	310	380	ug/Kg
110-86-1	Pyridine	83.8	U	83.8	150	200	ug/Kg
100-52-7	Benzaldehyde	170	U	170	310	380	ug/Kg
62-53-3	Aniline	140	U	140	150	200	ug/Kg
108-95-2	Phenol	99	J	86.1	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	150	200	ug/Kg
95-57-8	2-Chlorophenol	83.3	U	83.3	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	94.5	U	94.5	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	95.3	U	95.3	150	200	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	310	380	ug/Kg
95-48-7	2-Methylphenol	150	J	130	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	150	200	ug/Kg
98-86-2	Acetophenone	180	J	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	240	J	120	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	68.3	U	68.3	92.6	92.6	ug/Kg
67-72-1	Hexachloroethane	85.2	U	85.2	150	200	ug/Kg
98-95-3	Nitrobenzene	87	U	87	150	200	ug/Kg
78-59-1	Isophorone	200		78.8	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	220		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	90.4	U	90.4	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	89.7	U	89.7	150	200	ug/Kg
65-85-0	Benzoic acid	250	U	250	310	380	ug/Kg
91-20-3	Naphthalene	130	J	94.2	150	200	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	97.2	U	97.2	150	200	ug/Kg
105-60-2	Caprolactam	140	U	140	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	95.5	U	95.5	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	150	200	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:	GHL-SS-32	SDG No.:	BF122923
Lab Sample ID:	O5897-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.8
Sample Wt/Vol:	30.08	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
BF136861.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

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	89.2	U	89.2	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	97.9	U	97.9	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	110	J	92.9	150	200	ug/Kg
Total PAH	Total PAH	5040		1662	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	130	J	89	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	99.4	U	99.4	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	200	ug/Kg
86-73-7	Fluorene	240		98.1	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	85	U	85	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	940		110	150	200	ug/Kg
120-12-7	Anthracene	1900		120	150	200	ug/Kg
86-74-8	Carbazole	670		98.2	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	150	200	ug/Kg
206-44-0	Fluoranthene	590		110	150	200	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:	GHL-SS-32	SDG No.:	BF122923
Lab Sample ID:	O5897-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.8
Sample Wt/Vol:	30.08	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
BF136861.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

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	440		96.8	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	210		97.1	150	200	ug/Kg
218-01-9	Chrysene	230		100	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	210		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	140	J	92.9	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	U	120	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	100	U	100	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	95.9	U	95.9	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	92.5		18-112		62	SPK: -150
13127-88-3	Phenol-d6	93.957		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	60.125		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	57.02		20-109		57	SPK: -100
118-79-6	2,4,6-Tribromophenol	68.276		10-110		46	SPK: -150
1718-51-0	Terphenyl-d14	51.924		14-112		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73541	6.781				
1146-65-2	Naphthalene-d8	286698	8.057				
15067-26-2	Acenaphthene-d10	155364	9.816				
1517-22-2	Phenanthrene-d10	229263	11.304				
1719-03-5	Chrysene-d12	128406	13.963				
1520-96-3	Perylene-d12	154965	15.445				

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:	GHL-SS-32	SDG No.:	BF122923
Lab Sample ID:	O5897-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.8
Sample Wt/Vol:	30.08	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
BF136861.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000108-88-3	Toluene	390	J			3.863	
000100-41-4	Ethylbenzene	500	J			5.275	
000106-42-3	p-Xylene	280	J			5.634	
000104-81-4	Benzene, 1-(bromomethyl)-4-methyl-	2200	J			9.622	
	unknown9.686	730	J			9.686	
004534-53-6	Benzene, (1-methyldodecyl)-	490	J			11.698	
004534-50-3	Benzene, (1-butylnonyl)-	280	J			11.775	
000057-10-3	n-Hexadecanoic acid	2800	J			11.874	
345985-64-0	3-Bromo-4-[(2-chlorobenzyl)oxy]-5-	370	J			11.945	
002719-61-1	Benzene, (1-methylundecyl)-	260	J			12.116	
1000336-66-8	6-Octadecenoic acid	4100	J			12.592	
000057-11-4	Octadecanoic acid	3800	J			12.657	
	unknown13.451	400	J			13.451	
000629-50-5	Tridecane	300	J			13.48	
000502-26-1	2(3H)-Furanone, dihydro-5-tetradec	260	J			13.557	
054986-63-9	Benzo[c]phenanthrene, 5,8-dimethyl	290	J			13.604	
	unknown13.674	350	J			13.674	
001740-19-8	Dehydroabietic acid	1300	J			13.769	
	unknown14.116	430	J			14.116	
1010374-63-9	(4-Fluorophenyl) methanol, 1-methy	330	J			16.321	

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:	GHL-SS-23	SDG No.:	BF122923
Lab Sample ID:	O5897-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	34.6
Sample Wt/Vol:	30.05 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
BF136862.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	410	500	ug/Kg
110-86-1	Pyridine	110	U	110	200	260	ug/Kg
100-52-7	Benzaldehyde	230	U	230	410	500	ug/Kg
62-53-3	Aniline	180	U	180	200	260	ug/Kg
108-95-2	Phenol	110	U	110	200	260	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	140	U	140	200	260	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	200	260	ug/Kg
95-50-1	1,2-Dichlorobenzene	120	U	120	200	260	ug/Kg
541-73-1	1,3-Dichlorobenzene	140	U	140	200	260	ug/Kg
106-46-7	1,4-Dichlorobenzene	130	U	130	200	260	ug/Kg
100-51-6	Benzyl Alcohol	150	U	150	410	500	ug/Kg
95-48-7	2-Methylphenol	170	U	170	200	260	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	160	U	160	200	260	ug/Kg
98-86-2	Acetophenone	130	U	130	200	260	ug/Kg
65794-96-9	3+4-Methylphenols	160	U	160	410	500	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	90.1	U	90.1	120	120	ug/Kg
67-72-1	Hexachloroethane	110	U	110	200	260	ug/Kg
98-95-3	Nitrobenzene	110	U	110	200	260	ug/Kg
78-59-1	Isophorone	100	U	100	200	260	ug/Kg
88-75-5	2-Nitrophenol	150	U	150	200	260	ug/Kg
105-67-9	2,4-Dimethylphenol	150	U	150	200	260	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	170	U	170	200	260	ug/Kg
120-83-2	2,4-Dichlorophenol	120	U	120	200	260	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	120	U	120	200	260	ug/Kg
65-85-0	Benzoic acid	330	U	330	410	500	ug/Kg
91-20-3	Naphthalene	120	U	120	200	260	ug/Kg
106-47-8	4-Chloroaniline	160	U	160	200	260	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	200	260	ug/Kg
105-60-2	Caprolactam	180	U	180	410	500	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	U	130	200	260	ug/Kg
91-57-6	2-Methylnaphthalene	140	U	140	200	260	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:	GHL-SS-23	SDG No.:	BF122923
Lab Sample ID:	O5897-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	34.6
Sample Wt/Vol:	30.05	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
BF136862.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	320	U	320	410	500	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	200	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	U	130	200	260	ug/Kg
92-52-4	1,1-Biphenyl	140	U	140	200	260	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	200	260	ug/Kg
88-74-4	2-Nitroaniline	150	U	150	200	260	ug/Kg
131-11-3	Dimethylphthalate	140	U	140	200	260	ug/Kg
208-96-8	Acenaphthylene	130	U	130	200	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	140	U	140	200	260	ug/Kg
99-09-2	3-Nitroaniline	140	U	140	200	260	ug/Kg
83-32-9	Acenaphthene	120	U	120	200	260	ug/Kg
Total PAH	Total PAH	2170	U	2170	200	4160	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	410	500	ug/Kg
100-02-7	4-Nitrophenol	170	U	170	410	500	ug/Kg
132-64-9	Dibenzofuran	120	U	120	200	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	U	150	200	260	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	290	U	290	200	520	ug/Kg
84-66-2	Diethylphthalate	130	U	130	200	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	140	200	260	ug/Kg
86-73-7	Fluorene	130	U	130	200	260	ug/Kg
100-01-6	4-Nitroaniline	160	U	160	200	260	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	410	500	ug/Kg
86-30-6	n-Nitrosodiphenylamine	140	U	140	200	260	ug/Kg
103-33-3	Azobenzene	110	U	110	200	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	150	200	260	ug/Kg
118-74-1	Hexachlorobenzene	150	U	150	200	260	ug/Kg
1912-24-9	Atrazine	150	U	150	200	260	ug/Kg
87-86-5	Pentachlorophenol	170	U	170	410	500	ug/Kg
85-01-8	Phenanthrene	140	U	140	200	260	ug/Kg
120-12-7	Anthracene	160	U	160	200	260	ug/Kg
86-74-8	Carbazole	130	U	130	200	260	ug/Kg
84-74-2	Di-n-butylphthalate	160	U	160	200	260	ug/Kg
206-44-0	Fluoranthene	140	U	140	200	260	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:	GHL-SS-23	SDG No.:	BF122923
Lab Sample ID:	O5897-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	34.6
Sample Wt/Vol:	30.05	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
BF136862.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	290	U	290	410	500	ug/Kg
129-00-0	Pyrene	130	U	130	200	260	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	160	200	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	250	U	250	410	500	ug/Kg
56-55-3	Benzo(a)anthracene	130	U	130	200	260	ug/Kg
218-01-9	Chrysene	130	U	130	200	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	180	U	180	200	260	ug/Kg
117-84-0	Di-n-octyl phthalate	190	U	190	410	500	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	U	120	200	260	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	U	130	200	260	ug/Kg
50-32-8	Benzo(a)pyrene	140	U	140	200	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	U	160	200	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	U	150	200	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	U	140	200	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	200	260	ug/Kg
123-91-1	1,4-Dioxane	180	U	180	200	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	130	U	130	200	260	ug/Kg
90-12-0	1-Methylnaphthalene	140	U	140	260	260	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	89.617		18-112		60	SPK: -150
13127-88-3	Phenol-d6	88.5		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	59.746		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	59.763		20-109		60	SPK: -100
118-79-6	2,4,6-Tribromophenol	74.471		10-110		50	SPK: -150
1718-51-0	Terphenyl-d14	50.743		14-112		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71237	6.781				
1146-65-2	Naphthalene-d8	272990	8.057				
15067-26-2	Acenaphthene-d10	135323	9.816				
1517-22-2	Phenanthrene-d10	230611	11.304				
1719-03-5	Chrysene-d12	127840	13.962				
1520-96-3	Perylene-d12	151068	15.445				

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:	GHL-SS-23	SDG No.:	BF122923
Lab Sample ID:	O5897-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	34.6
Sample Wt/Vol:	30.05 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
BF136862.D	1	12/20/2023 12:00:00 AM	12/30/2023 12:00:00 AM	PB157949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
001921-70-6	Pentadecane, 2,6,10,14-tetramethyl	120	J			10.733	
000057-10-3	n-Hexadecanoic acid	620	J			11.839	
1000245-49-8	3-Heptafluorobutyroxytetradecane	140	J			12.557	
000057-11-4	Octadecanoic acid	250	J			12.633	
001599-67-3	1-Docosene	330	J			13.88	
	unknown17.568	110	J			17.568	

Hit Summary Sheet SW-846

SDG No.: BF122923

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-LIQUIDS-20231213-01DL2							
O5862-12DL2	WC-LIQUIDS-20231213	Water	1-Methylnaphthalene	850.000	D	210	500 ug/L
O5862-12DL2	WC-LIQUIDS-20231213	Water	2-Methylnaphthalene	1,100.000	D	220	500 ug/L
O5862-12DL2	WC-LIQUIDS-20231213	Water	Acenaphthene	200.000	JD	170	500 ug/L
O5862-12DL2	WC-LIQUIDS-20231213	Water	Naphthalene	4,400.000	D	170	500 ug/L
O5862-12DL2	WC-LIQUIDS-20231213	Water	Phenanthrene	430.000	JD	200	500 ug/L
O5862-12DL2	WC-LIQUIDS-20231213	Water	Total PAH	5,030.000	JD	3100	8000 ug/L

Total Svoc : 12,010.00

Total Concentration: 12,010.00

Client ID : GHL-SS-36a

O5897-02	GHL-SS-36a	Solid	(S)-(+)-1,2-Propanediol	*	390.000	J
O5897-02	GHL-SS-36a	Solid	1,3-Dioxolane, 2,2,4-trimethyl-	*	290.000	J
O5897-02	GHL-SS-36a	Solid	2-Pentadecanone	*	430.000	J
O5897-02	GHL-SS-36a	Solid	Carbonic acid, hexadecyl 2,2,2-tri	*	440.000	J
O5897-02	GHL-SS-36a	Solid	Dodecanoic acid	*	210.000	J
O5897-02	GHL-SS-36a	Solid	Eicosane	*	400.000	J
O5897-02	GHL-SS-36a	Solid	n-Hexadecanoic acid	*	890.000	J
O5897-02	GHL-SS-36a	Solid	Octacosane	*	980.000	J
O5897-02	GHL-SS-36a	Solid	Tetracosane	*	810.000	J
O5897-02	GHL-SS-36a	Solid	Triacontane	*	430.000	J
O5897-02	GHL-SS-36a	Solid	unknown17.798	*	530.000	J

Total Tics : 5,800.00

Total Concentration: 5,800.00

Client ID : GHL-SS-37a

O5897-03	GHL-SS-37a	Solid	1-Heneicosanol	*	650.000	J
O5897-03	GHL-SS-37a	Solid	1-Nonadecene	*	400.000	J
O5897-03	GHL-SS-37a	Solid	Eicosane	*	420.000	J
O5897-03	GHL-SS-37a	Solid	Heneicosane	*	760.000	J
O5897-03	GHL-SS-37a	Solid	Hexacosane	*	840.000	J
O5897-03	GHL-SS-37a	Solid	Hexasiloxane, tetradecamethyl-	*	250.000	J
O5897-03	GHL-SS-37a	Solid	n-Hexadecanoic acid	*	670.000	J
O5897-03	GHL-SS-37a	Solid	Octacosane	*	320.000	J
O5897-03	GHL-SS-37a	Solid	Trifluoroacetoxy hexadecane	*	850.000	J
O5897-03	GHL-SS-37a	Solid	unknown13.251	*	270.000	J
O5897-03	GHL-SS-37a	Solid	unknown16.045	*	540.000	J
O5897-03	GHL-SS-37a	Solid	unknown17.792	*	470.000	J

Total Tics : 6,440.00

Total Concentration: 6,440.00

Client ID : GHL-SS-38a

Hit Summary Sheet SW-846

SDG No.: BF122923

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O5897-04	GHL-SS-38a	Solid	n-Hexadecanoic acid	*	250.000	J		
O5897-04	GHL-SS-38a	Solid	unknown13.480	*	290.000	J		
Total Tics :						540.00		
Total Concentration:						540.00		
Client ID : GHL-SS-30								
O5897-05	GHL-SS-30	Solid	Bacteriochlorophyll-c-stearyl	*	110.000	J		
O5897-05	GHL-SS-30	Solid	Isopropyl palmitate	*	220.000	J		
O5897-05	GHL-SS-30	Solid	n-Hexadecanoic acid	*	350.000	J		
O5897-05	GHL-SS-30	Solid	Squalene	*	120.000	J		
Total Tics :						800.00		
Total Concentration:						800.00		
Client ID : GHL-SS-32								
O5897-07	GHL-SS-32	Solid	(4-Fluorophenyl) methanol, 1-met	*	330.000	J		
O5897-07	GHL-SS-32	Solid	2(3H)-Furanone, dihydro-5-tetrad	*	260.000	J		
O5897-07	GHL-SS-32	Solid	3-Bromo-4-[(2-chlorobenzyl)oxy]	*	370.000	J		
O5897-07	GHL-SS-32	Solid	6-Octadecenoic acid	*	4,100.000	J		
O5897-07	GHL-SS-32	Solid	Benzene, (1-butylonyl)-	*	280.000	J		
O5897-07	GHL-SS-32	Solid	Benzene, (1-methyldodecyl)-	*	490.000	J		
O5897-07	GHL-SS-32	Solid	Benzene, (1-methylundecyl)-	*	260.000	J		
O5897-07	GHL-SS-32	Solid	Benzene, 1-(bromomethyl)-4-metl	*	2,200.000	J		
O5897-07	GHL-SS-32	Solid	Benzo[c]phenanthrene, 5,8-dimetl	*	290.000	J		
O5897-07	GHL-SS-32	Solid	Dehydroabietic acid	*	1,300.000	J		
O5897-07	GHL-SS-32	Solid	Ethylbenzene	*	500.000	J		
O5897-07	GHL-SS-32	Solid	n-Hexadecanoic acid	*	2,800.000	J		
O5897-07	GHL-SS-32	Solid	Octadecanoic acid	*	3,800.000	J		
O5897-07	GHL-SS-32	Solid	p-Xylene	*	280.000	J		
O5897-07	GHL-SS-32	Solid	Toluene	*	390.000	J		
O5897-07	GHL-SS-32	Solid	Tridecane	*	300.000	J		
O5897-07	GHL-SS-32	Solid	unknown13.451	*	400.000	J		
O5897-07	GHL-SS-32	Solid	unknown13.674	*	350.000	J		
O5897-07	GHL-SS-32	Solid	unknown14.116	*	430.000	J		
O5897-07	GHL-SS-32	Solid	unknown9.686	*	730.000	J		
Total Tics :						19,860.00		
O5897-07	GHL-SS-32	Solid	2,4-Dimethylphenol		220.000		120	ug/Kg
O5897-07	GHL-SS-32	Solid	2-Methylphenol		150.000	J	130	ug/Kg
O5897-07	GHL-SS-32	Solid	3+4-Methylphenols		240.000	J	120	ug/Kg
O5897-07	GHL-SS-32	Solid	Acenaphthene		110.000	J	92.9	ug/Kg
O5897-07	GHL-SS-32	Solid	Acetophenone		180.000	J	100	ug/Kg
O5897-07	GHL-SS-32	Solid	Anthracene		1,900.000		120	ug/Kg
O5897-07	GHL-SS-32	Solid	Benzo(a)anthracene		210.000		97.1	ug/Kg
O5897-07	GHL-SS-32	Solid	Benzo(a)pyrene		110.000	J	110	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF122923

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O5897-07	GHL-SS-32	Solid	Benzo(b)fluoranthene	140.000	J	92.9	200	ug/Kg
O5897-07	GHL-SS-32	Solid	Bis(2-ethylhexyl)phthalate	210.000		130	200	ug/Kg
O5897-07	GHL-SS-32	Solid	Carbazole	670.000		98.2	200	ug/Kg
O5897-07	GHL-SS-32	Solid	Chrysene	230.000		100	200	ug/Kg
O5897-07	GHL-SS-32	Solid	Dibenzofuran	130.000	J	89	200	ug/Kg
O5897-07	GHL-SS-32	Solid	Fluoranthene	590.000		110	200	ug/Kg
O5897-07	GHL-SS-32	Solid	Fluorene	240.000		98.1	200	ug/Kg
O5897-07	GHL-SS-32	Solid	Isophorone	200.000		78.8	200	ug/Kg
O5897-07	GHL-SS-32	Solid	Naphthalene	130.000	J	94.2	200	ug/Kg
O5897-07	GHL-SS-32	Solid	Phenanthrene	940.000		110	200	ug/Kg
O5897-07	GHL-SS-32	Solid	Phenol	99.000	J	86.1	200	ug/Kg
O5897-07	GHL-SS-32	Solid	Pyrene	440.000		96.8	200	ug/Kg
O5897-07	GHL-SS-32	Solid	Total PAH	5,040.000		1662	3200	ug/Kg
Total Svoc :				12,179.00				
Total Concentration:				32,039.00				
Client ID :	GHL-SS-33							
O5897-08	GHL-SS-33	Solid	2-Pentanone, 4-hydroxy-4-methyl *	160.000	A			
O5897-08	GHL-SS-33	Solid	unknown13.480	*	92.400	J		
Total Tics :				252.40				
Total Concentration:				252.40				
Client ID :	GHL-SS-34							
O5897-09	GHL-SS-34	Solid	unknown11.728	*	130.000	J		
Total Tics :				130.00				
O5897-09	GHL-SS-34	Solid	Anthracene	480.000		120	200	ug/Kg
O5897-09	GHL-SS-34	Solid	Bis(2-ethylhexyl)phthalate	540.000		140	200	ug/Kg
O5897-09	GHL-SS-34	Solid	Carbazole	160.000	J	100	200	ug/Kg
O5897-09	GHL-SS-34	Solid	Phenanthrene	130.000	J	110	200	ug/Kg
Total Svoc :				1,310.00				
Total Concentration:				1,440.00				
Client ID :	GHL-SS-39							
O5897-10	GHL-SS-39	Solid	1,16-Hexadecanediol	*	170.000	J		
O5897-10	GHL-SS-39	Solid	1-Heneicosanol	*	120.000	J		
O5897-10	GHL-SS-39	Solid	Hentriacontane	*	180.000	J		
O5897-10	GHL-SS-39	Solid	Heptadecanal	*	170.000	J		
O5897-10	GHL-SS-39	Solid	Hexatriacontane	*	150.000	J		
O5897-10	GHL-SS-39	Solid	n-Hexadecanoic acid	*	310.000	J		
O5897-10	GHL-SS-39	Solid	Octadecanoic acid	*	86.600	J		
O5897-10	GHL-SS-39	Solid	Oxirane, hexadecyl-	*	150.000	J		
O5897-10	GHL-SS-39	Solid	Pentacosane	*	150.000	J		
O5897-10	GHL-SS-39	Solid	Tetracosane	*	150.000	J		
O5897-10	GHL-SS-39	Solid	unknown15.251	*	130.000	J		

Hit Summary Sheet SW-846

SDG No.: BF122923

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O5897-10	GHL-SS-39	Solid	unknown18.245	*	160.000	J		
Total Tics :					1,926.60			
Total Concentration:					1,926.60			
Client ID : GHL-SS-41								
O5897-12	GHL-SS-41	Solid	1,1,4a-Trimethyl-5,6-dimethylene	*	260.000	J		
O5897-12	GHL-SS-41	Solid	Eicosane	*	140.000	J		
O5897-12	GHL-SS-41	Solid	Octacosane	*	190.000	J		
O5897-12	GHL-SS-41	Solid	Octadecanal	*	110.000	J		
O5897-12	GHL-SS-41	Solid	unknown18.245	*	150.000	J		
O5897-12	GHL-SS-41	Solid	unknown3.322	*	210.000	J		
O5897-12	GHL-SS-41	Solid	unknown9.916	*	280.000	J		
Total Tics :					1,340.00			
Total Concentration:					1,340.00			
Client ID : GHL-SS-43								
O5897-13	GHL-SS-43	Solid	(1S,4aR,7R)-1,4a-Dimethyl-7-(pro	*	260.000	J		
O5897-13	GHL-SS-43	Solid	(S)-(+)-1,2-Propanediol	*	220.000	J		
O5897-13	GHL-SS-43	Solid	1,3-Dioxolane, 2,2,4-trimethyl-	*	140.000	J		
O5897-13	GHL-SS-43	Solid	9-Octadecenoic acid (Z)-, methyl	*	140.000	J		
O5897-13	GHL-SS-43	Solid	Heneicosane	*	160.000	J		
O5897-13	GHL-SS-43	Solid	Heptacosane	*	380.000	J		
O5897-13	GHL-SS-43	Solid	Heptadecane	*	480.000	J		
O5897-13	GHL-SS-43	Solid	n-Hexadecanoic acid	*	500.000	J		
O5897-13	GHL-SS-43	Solid	n-Tetracosanol-1	*	370.000	J		
O5897-13	GHL-SS-43	Solid	Nonacosan-14-one	*	430.000	J		
O5897-13	GHL-SS-43	Solid	Octadecanoic acid	*	170.000	J		
O5897-13	GHL-SS-43	Solid	Oxirane, heptadecyl-	*	450.000	J		
O5897-13	GHL-SS-43	Solid	Oxirane, hexadecyl-	*	310.000	J		
O5897-13	GHL-SS-43	Solid	Pentacosane	*	310.000	J		
O5897-13	GHL-SS-43	Solid	unknown13.127	*	270.000	J		
O5897-13	GHL-SS-43	Solid	unknown14.245	*	290.000	J		
O5897-13	GHL-SS-43	Solid	unknown16.168	*	140.000	J		
O5897-13	GHL-SS-43	Solid	unknown18.239	*	170.000	J		
O5897-13	GHL-SS-43	Solid	unknown18.603	*	170.000	J		
O5897-13	GHL-SS-43	Solid	unknown9.922	*	4,100.000	J		
Total Tics :					9,460.00			
Total Concentration:					9,460.00			
Client ID : GHL-SS-40-D								
O5897-14	GHL-SS-40-D	Solid	(S)-(+)-1,2-Propanediol	*	250.000	J		
O5897-14	GHL-SS-40-D	Solid	unknown9.928	*	4,800.000	J		
Total Tics :					5,050.00			

Hit Summary Sheet SW-846

SDG No.: BF122923

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				5,050.00				
Client ID :	GHL-SS-42							
O5897-15	GHL-SS-42	Solid	1,5-Bis(4-fluorophenyl)-1,3,5-trio *	350.000	J			
O5897-15	GHL-SS-42	Solid	2-Pentanone, 4-hydroxy-4-methyl *	5,700.000	A			
O5897-15	GHL-SS-42	Solid	4-Heptanone, 1,1,1,7,7,7-hexafluo *	490.000	J			
O5897-15	GHL-SS-42	Solid	unknown11.463 *	230.000	J			
Total Tics :				6,770.00				
Total Concentration:				6,770.00				
Client ID :	GHL-SS-23							
O5897-19	GHL-SS-23	Solid	1-Docosene *	330.000	J			
O5897-19	GHL-SS-23	Solid	3-Heptafluorobutyroxytetradecano *	140.000	J			
O5897-19	GHL-SS-23	Solid	n-Hexadecanoic acid *	620.000	J			
O5897-19	GHL-SS-23	Solid	Octadecanoic acid *	250.000	J			
O5897-19	GHL-SS-23	Solid	Pentadecane, 2,6,10,14-tetramethy *	120.000	J			
O5897-19	GHL-SS-23	Solid	unknown17.568 *	110.000	J			
Total Tics :				1,570.00				
Total Concentration:				1,570.00				
Client ID :	GHL-SS-14-2-4							
O5899-08	GHL-SS-14-2-4	Solid	1-Hexadecanol *	220.000	J			
O5899-08	GHL-SS-14-2-4	Solid	1H-Indole, 2-methyl-3-phenyl- *	84.900	J			
O5899-08	GHL-SS-14-2-4	Solid	2- Bromopropionic acid, pentadec *	220.000	J			
O5899-08	GHL-SS-14-2-4	Solid	cis-Vaccenic acid *	270.000	J			
O5899-08	GHL-SS-14-2-4	Solid	Eicosane *	120.000	J			
O5899-08	GHL-SS-14-2-4	Solid	Friedelan-3-one *	1,300.000	J			
O5899-08	GHL-SS-14-2-4	Solid	Heneicosane *	250.000	J			
O5899-08	GHL-SS-14-2-4	Solid	Heptacosane *	230.000	J			
O5899-08	GHL-SS-14-2-4	Solid	Isopropyl palmitate *	160.000	J			
O5899-08	GHL-SS-14-2-4	Solid	n-Hexadecanoic acid *	510.000	J			
O5899-08	GHL-SS-14-2-4	Solid	Octadecanoic acid *	340.000	J			
O5899-08	GHL-SS-14-2-4	Solid	Pentacosane *	110.000	J			
O5899-08	GHL-SS-14-2-4	Solid	Supraene *	120.000	J			
O5899-08	GHL-SS-14-2-4	Solid	Tetracosane *	110.000	J			
O5899-08	GHL-SS-14-2-4	Solid	Triacontane *	210.000	J			
Total Tics :				4,254.90				
Total Concentration:				4,254.90				
Client ID :	GHL-SS-15-2-4							
O5899-09	GHL-SS-15-2-4	Solid	1-Heneicosanol *	300.000	J			
O5899-09	GHL-SS-15-2-4	Solid	Eicosane *	170.000	J			
O5899-09	GHL-SS-15-2-4	Solid	n-Hexadecanoic acid *	270.000	J			
O5899-09	GHL-SS-15-2-4	Solid	Pentacosane *	140.000	J			
Total Tics :				880.00				

Hit Summary Sheet SW-846

SDG No.: BF122923

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				880.00				
Client ID :	GHL-SS-02							
O5899-12	GHL-SS-02	Solid	1H-Indene, 2-phenyl-	*	130.000	J		
O5899-12	GHL-SS-02	Solid	3-Penten-2-one, 4-methyl-	*	490.000	A		
O5899-12	GHL-SS-02	Solid	4H-Cyclopenta[def]phenanthrene	*	110.000	J		
O5899-12	GHL-SS-02	Solid	Benzene, (1-methylethyl)-	*	110.000	J		
O5899-12	GHL-SS-02	Solid	Benzene, 1,2,3-trimethyl-	*	140.000	J		
O5899-12	GHL-SS-02	Solid	Benzene, 1,2-diethyl-	*	97.400	J		
O5899-12	GHL-SS-02	Solid	Benzene, 1-ethyl-2-methyl-	*	750.000	J		
O5899-12	GHL-SS-02	Solid	Benzene, 1-ethyl-4-methyl-	*	330.000	J		
O5899-12	GHL-SS-02	Solid	Benzene, propyl-	*	180.000	J		
O5899-12	GHL-SS-02	Solid	Benzo[j]fluoranthene	*	110.000	J		
O5899-12	GHL-SS-02	Solid	Ethylbenzene	*	370.000	J		
O5899-12	GHL-SS-02	Solid	Fluoranthene, 2-methyl-	*	87.900	J		
O5899-12	GHL-SS-02	Solid	Heptane	*	280.000	J		
O5899-12	GHL-SS-02	Solid	Indane	*	160.000	J		
O5899-12	GHL-SS-02	Solid	Mesitylene	*	880.000	J		
O5899-12	GHL-SS-02	Solid	p-Xylene	*	290.000	J		
O5899-12	GHL-SS-02	Solid	Perylene	*	90.100	J		
Total Tics :				4,605.40				
O5899-12	GHL-SS-02	Solid	1-Methylnaphthalene		130.000	J	120	ug/Kg
O5899-12	GHL-SS-02	Solid	2-Methylnaphthalene		150.000	J	120	ug/Kg
O5899-12	GHL-SS-02	Solid	Acenaphthene		530.000		100	ug/Kg
O5899-12	GHL-SS-02	Solid	Anthracene		830.000		130	ug/Kg
O5899-12	GHL-SS-02	Solid	Benzo(a)anthracene		110.000	J	110	ug/Kg
O5899-12	GHL-SS-02	Solid	Carbazole		290.000		110	ug/Kg
O5899-12	GHL-SS-02	Solid	Dibenzofuran		320.000		99.4	ug/Kg
O5899-12	GHL-SS-02	Solid	Fluoranthene		530.000		120	ug/Kg
O5899-12	GHL-SS-02	Solid	Fluorene		370.000		110	ug/Kg
O5899-12	GHL-SS-02	Solid	Naphthalene		400.000		110	ug/Kg
O5899-12	GHL-SS-02	Solid	Phenanthrene		780.000		120	ug/Kg
O5899-12	GHL-SS-02	Solid	Pyrene		340.000		110	ug/Kg
O5899-12	GHL-SS-02	Solid	Total PAH		3,890.000		1840	ug/Kg
Total Svoc :				8,670.00				
Total Concentration:				13,275.40				
Client ID :	GHL-SS-44							
O5909-06	GHL-SS-44	Solid	1H-Pyrazole-5-carboxylic acid, 3-	*	570.000	J		
O5909-06	GHL-SS-44	Solid	Eicosane	*	450.000	J		
O5909-06	GHL-SS-44	Solid	Heneicosane	*	420.000	J		
O5909-06	GHL-SS-44	Solid	Heptadecane	*	420.000	J		
O5909-06	GHL-SS-44	Solid	n-Hexadecanoic acid	*	390.000	J		

Hit Summary Sheet SW-846

SDG No.: BF122923

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O5909-06	GHL-SS-44	Solid	Octacosane	*	270.000	J		
O5909-06	GHL-SS-44	Solid	unknown14.274	*	290.000	J		
O5909-06	GHL-SS-44	Solid	unknown17.386	*	780.000	J		
Total Tics :					3,590.00			
Total Concentration:					3,590.00			
Client ID : GHL-SS-45								
O5909-07	GHL-SS-45	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	130.000	A		
O5909-07	GHL-SS-45	Solid	Hexasiloxane, tetradecamethyl-	*	130.000	J		
O5909-07	GHL-SS-45	Solid	n-Hexadecanoic acid	*	350.000	J		
O5909-07	GHL-SS-45	Solid	unknown14.433	*	170.000	J		
O5909-07	GHL-SS-45	Solid	unknown15.245	*	150.000	J		
O5909-07	GHL-SS-45	Solid	unknown15.751	*	130.000	J		
Total Tics :					1,060.00			
Total Concentration:					1,060.00			
Client ID : GHL-SS-48								
O5909-10	GHL-SS-48	Solid	Heneicosane	*	540.000	J		
O5909-10	GHL-SS-48	Solid	Heptacosane	*	520.000	J		
O5909-10	GHL-SS-48	Solid	Hexacosane	*	1,300.000	J		
O5909-10	GHL-SS-48	Solid	n-Hexadecanoic acid	*	1,000.000	J		
O5909-10	GHL-SS-48	Solid	Octacosane	*	600.000	J		
O5909-10	GHL-SS-48	Solid	Octadecanal	*	460.000	J		
Total Tics :					4,420.00			
Total Concentration:					4,420.00			
Client ID : MW-7-122023								
O5975-01	MW-7-122023	Water	n-Hexadecanoic acid	*	2.300	J		
Total Tics :					2.30			
Total Concentration:					2.30			
Client ID : RT-MW-03-122023								
O5975-04	RT-MW-03-122023	Water	E-15-Heptadecenal	*	2.500	J		
O5975-04	RT-MW-03-122023	Water	n-Hexadecanoic acid	*	5.100	J		
Total Tics :					7.60			
Total Concentration:					7.60			
Client ID : DS01-GW-122023								
O5975-05	DS01-GW-122023	water	Benzidine		130.000	65.8	100	ug/L
Total Svoc :					130.00			
Total Concentration:					130.00			
Client ID : RT-GWDUP01-122023								
O5975-09	RT-GWDUP01-122023	Water	1,3-Dioxolane, 2,2,4-trimethyl-	*	2.100	J		
O5975-09	RT-GWDUP01-122023	Water	3-Penten-2-one, 4-methyl-	*	100.000	A		
O5975-09	RT-GWDUP01-122023	Water	4-Penten-2-one, 4-methyl-	*	7.700	J		

Hit Summary Sheet SW-846

SDG No.: BF122923

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
O5975-09	RT-GWDUP01-122023	Water	Cyclohexasiloxane, dodecamethyl *	5.700	J			
O5975-09	RT-GWDUP01-122023	Water	Cyclopentasiloxane, decamethyl- *	11.900	J			
O5975-09	RT-GWDUP01-122023	Water	Cyclotrisiloxane, hexamethyl- *	38.500	J			
O5975-09	RT-GWDUP01-122023	Water	Trisiloxane, 1,1,1,5,5,5-hexamethyl- *	2.200	J			
O5975-09	RT-GWDUP01-122023	Water	unknown5.275 *	3.000	J			
Total Tics :						171.10		
Total Concentration:						171.10		
Client ID : WC-A-COMP								
O5994-01	WC-A-COMP	Solid	3-Chloropropionic acid, heptadecyl *	300.000	J			
O5994-01	WC-A-COMP	Solid	n-Hexadecanoic acid *	270.000	J			
Total Tics :						570.00		
Total Concentration:						570.00		
Client ID : WC-B-COMP								
O5994-04	WC-B-COMP	Solid	Acetic acid n-octadecyl ester *	93.200	J			
O5994-04	WC-B-COMP	Solid	n-Hexadecanoic acid *	280.000	J			
Total Tics :						373.20		
Total Concentration:						373.20		
Client ID : WC-D-COMP								
O5994-10	WC-D-COMP	Solid	Carbonic acid, octadecyl 2,2,2-tri *	260.000	J			
O5994-10	WC-D-COMP	Solid	n-Hexadecanoic acid *	160.000	J			
Total Tics :						420.00		
Total Concentration:						420.00		
Client ID : SB32-1-20231222-10.0-11.0								
O6017-06	SB32-1-20231222-10.0-1	Solid	1-Hexacosene *	270.000	J			
O6017-06	SB32-1-20231222-10.0-1	Solid	Benzene, 2-ethenyl-1,4-dimethyl- *	99.200	J			
O6017-06	SB32-1-20231222-10.0-1	Solid	Benzene, propyl- *	89.800	J			
O6017-06	SB32-1-20231222-10.0-1	Solid	Heptane, 3-methyl- *	89.400	J			
O6017-06	SB32-1-20231222-10.0-1	Solid	n-Hexadecanoic acid *	290.000	J			
O6017-06	SB32-1-20231222-10.0-1	Solid	Octane, 2,5-dimethyl- *	130.000	J			
O6017-06	SB32-1-20231222-10.0-1	Solid	Pentane, 2,3,4-trimethyl- *	94.300	J			
Total Tics :						1,062.70		
Total Concentration:						1,062.70		
Client ID : SB32-1-20231222-12.5-13.5								
O6017-07	SB32-1-20231222-12.5-1	Solid	1-Heptadecene *	190.000	J			
O6017-07	SB32-1-20231222-12.5-1	Solid	n-Hexadecanoic acid *	310.000	J			
Total Tics :						500.00		
Total Concentration:						500.00		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF122023

SAS No.: BF122023

SDG No.: BF122023

Instrument ID: _____

Calibration Date(s): 12/20/2023

Calibration Time(s): 09:16

LAB FILE ID:		RRF2.5 = BF136641.D		RRF005 = BF136642.D		RRF010 = BF136643.D		
		RRF020 = BF136644.D		RRF040 = BF136645.D		RRF050 = BF136646.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.699	0.672	0.713	0.715	0.687	0.696	2.5
Pyridine		1.291	1.358	1.339	1.317	1.279	1.303	3.3
2-Fluorophenol		1.352	1.364	1.358	1.291	1.216	1.282	6.3
Benzaldehyde		1.123	1.062	1.041	0.933	0.850	0.945	14.3
Aniline		1.820	1.749	1.774	1.679	1.552	1.661	7.8
Phenol-d6		1.780	1.725	1.741	1.669	1.589	1.661	5.8
Phenol		1.929	1.859	1.870	1.770	1.654	1.773	6.7
bis(2-Chloroethyl)ether		1.393	1.403	1.435	1.366	1.285	1.348	5.2
2-Chlorophenol		1.495	1.451	1.498	1.418	1.326	1.403	6.2
1,2-Dichlorobenzene		1.599	1.533	1.551	1.460	1.367	1.455	7.8
1,3-Dichlorobenzene		1.617	1.583	1.608	1.544	1.456	1.530	5.1
1,4-Dichlorobenzene		1.694	1.631	1.646	1.571	1.473	1.564	6.5
Benzyl Alcohol		1.137	1.156	1.217	1.145	1.077	1.121	5.7
2-Methylphenol		1.291	1.198	1.200	1.158	1.103	1.162	6.5
2,2-oxybis(1-Chloropropane)		2.360	2.272	2.324	2.237	2.103	2.205	5.9
Acetophenone		0.548	0.505	0.528	0.510	0.466	0.501	6.1
3+4-Methylphenols		1.620	1.556	1.548	1.450	1.342	1.452	8.8
n-Nitroso-di-n-propylamine	1.012	1.090	1.051	1.056	1.001	0.939	1.007	5.7
Nitrobenzene-d5		0.406	0.388	0.406	0.404	0.370	0.391	3.9
Hexachloroethane		0.608	0.581	0.598	0.568	0.547	0.568	5.5
Nitrobenzene		0.402	0.389	0.402	0.409	0.375	0.392	3.6
Isophorone		0.735	0.712	0.732	0.728	0.679	0.711	3.1
2-Nitrophenol		0.181	0.178	0.196	0.198	0.180	0.187	4.4
2,4-Dimethylphenol		0.224	0.225	0.240	0.235	0.220	0.228	3.6
bis(2-Chloroethoxy)methane		0.451	0.433	0.441	0.450	0.411	0.432	3.6
2,4-Dichlorophenol		0.301	0.294	0.309	0.304	0.282	0.294	4.0
1,2,4-Trichlorobenzene		0.341	0.328	0.346	0.337	0.310	0.327	4.6
Benzoic acid		0.171	0.180	0.227	0.246	0.231	0.221	14.4
Naphthalene		1.191	1.111	1.138	1.126	1.033	1.099	5.6
4-Chloroaniline		0.430	0.410	0.427	0.417	0.382	0.406	5.1
Hexachlorobutadiene		0.212	0.200	0.207	0.203	0.188	0.199	4.9
Caprolactam		0.102	0.099	0.095	0.101	0.092	0.097	4.1
4-Chloro-3-methylphenol		0.345	0.332	0.347	0.340	0.315	0.331	4.3
2-Methylnaphthalene		0.776	0.735	0.740	0.720	0.657	0.707	6.8
Hexachlorocyclopentadiene			0.111	0.159	0.182	0.186	0.172	19.2
2,4,6-Trichlorophenol		0.404	0.397	0.414	0.409	0.378	0.397	3.5

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.: BF122023

SAS No.: BF122023

SDG No.: BF122023

Instrument ID:

Calibration Date(s): 12/20/2023

Calibration Time(s): 09:16

LAB FILE ID:		RRF2.5 = BF136641.D		RRF005 = BF136642.D		RRF010 = BF136643.D		
		RRF020 = BF136644.D		RRF040 = BF136645.D		RRF050 = BF136646.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.709	1.599	1.587	1.474	1.338	1.487	10.3
2,4,5-Trichlorophenol		0.456	0.457	0.454	0.455	0.413	0.443	4.2
1,1-Biphenyl		1.823	1.763	1.777	1.681	1.555	1.678	7.0
2-Chloronaphthalene		1.405	1.312	1.331	1.289	1.182	1.276	6.7
2-Nitroaniline		0.399	0.410	0.413	0.409	0.382	0.400	3.1
Dimethylphthalate		1.563	1.517	1.522	1.463	1.373	1.461	5.4
Acenaphthylene		2.105	2.052	2.068	1.984	1.793	1.950	7.2
2,6-Dinitrotoluene		0.344	0.334	0.352	0.339	0.314	0.332	4.9
3-Nitroaniline		0.369	0.364	0.371	0.364	0.325	0.351	6.0
Acenaphthene		1.324	1.287	1.259	1.215	1.115	1.209	7.2
2,4-Dinitrophenol			0.119	0.153	0.184	0.169	0.165	15.7
4-Nitrophenol		0.214	0.234	0.244	0.252	0.237	0.237	5.2
Dibenzofuran		2.080	1.962	1.961	1.835	1.663	1.832	9.8
2,4-Dinitrotoluene		0.451	0.459	0.466	0.446	0.394	0.430	7.8
Diethylphthalate		1.660	1.616	1.590	1.539	1.395	1.516	7.7
4-Chlorophenyl-phenylether		0.818	0.766	0.752	0.711	0.638	0.707	10.9
Fluorene		1.644	1.599	1.548	1.451	1.309	1.454	10.2
4-Nitroaniline		0.385	0.376	0.346	0.333	0.307	0.339	9.6
4,6-Dinitro-2-methylphenol		0.084	0.099	0.120	0.130	0.117	0.115	14.6
n-Nitrosodiphenylamine		0.689	0.666	0.676	0.675	0.602	0.650	5.6
Azobenzene		1.513	1.493	1.511	1.421	1.306	1.416	6.7
2,4,6-Tribromophenol		0.253	0.249	0.253	0.240	0.216	0.236	7.5
4-Bromophenyl-phenylether		0.237	0.226	0.232	0.229	0.209	0.222	5.3
Hexachlorobenzene		0.257	0.255	0.263	0.255	0.229	0.248	5.5
Atrazine		0.196	0.188	0.165	0.144	0.140	0.166	13.8
Pentachlorophenol		0.089	0.111	0.121	0.130	0.118	0.115	11.3
Phenanthrene		1.121	1.090	1.075	1.062	0.941	1.026	7.8
Anthracene		1.155	1.088	1.094	1.059	0.953	1.039	7.9
Carbazole		1.081	1.047	1.037	1.004	0.899	0.980	8.4
Di-n-butylphthalate		1.284	1.281	1.263	1.225	1.108	1.196	7.5
Fluoranthene		1.272	1.217	1.161	1.119	0.983	1.098	11.7
Benzidine		0.709	0.595	0.664	0.560	0.556	0.590	13.6
Pyrene		1.907	1.886	2.058	2.047	1.908	1.963	3.6
Terphenyl-d14		1.491	1.447	1.509	1.486	1.348	1.431	4.9
Butylbenzylphthalate		0.679	0.678	0.748	0.755	0.698	0.714	4.4
3,3-Dichlorobenzidine		0.405	0.397	0.419	0.395	0.374	0.394	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.: BF122023 SAS No.: BF122023 SDG No.: BF122023
Instrument ID: _____ Calibration Date(s): 12/20/2023
Calibration Time(s): 09:16

LAB FILE ID:		RRF2.5 = BF136641.D			RRF005 = BF136642.D		RRF010 = BF136643.D	
		RRF020 = BF136644.D			RRF040 = BF136645.D		RRF050 = BF136646.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.501	1.419	1.435	1.428	1.296	1.389	5.6
Chrysene		1.441	1.384	1.424	1.373	1.262	1.358	5.0
Bis(2-ethylhexyl)phthalate		0.849	0.869	0.929	0.946	0.891	0.899	3.8
Di-n-octyl phthalate		1.242	1.271	1.379	1.452	1.424	1.390	7.1
Benzo(b)fluoranthene		1.483	1.341	1.421	1.321	1.238	1.336	7.0
Benzo(k)fluoranthene		1.416	1.371	1.288	1.304	1.193	1.262	9.0
Benzo(a)pyrene		1.182	1.132	1.153	1.149	1.094	1.128	3.2
Indeno(1,2,3-cd)pyrene		1.323	1.312	1.428	1.517	1.483	1.444	6.4
Dibenzo(a,h)anthracene		1.091	1.092	1.185	1.264	1.205	1.185	5.8
Benzo(g,h,i)perylene		1.073	1.087	1.211	1.285	1.266	1.213	7.9
1,2,4,5-Tetrachlorobenzene		0.657	0.634	0.653	0.634	0.571	0.619	5.6
1,4-Dioxane		0.574	0.559	0.558	0.520	0.506	0.534	5.5
2,3,4,6-Tetrachlorophenol		0.338	0.344	0.375	0.356	0.327	0.341	6.0
1-Methylnaphthalene		0.764	0.716	0.739	0.701	0.641	0.694	7.2

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECHLab Code: CHEM Case No.: BF122923 SAS No.: BF122923 SDG NO.: BF122923EPA Sample No.: SSTDICCC040 Date Analyzed: Dec 29 2023 12:00AMLab File ID: BF136645.D Time Analyzed: 10:03Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	71564	6.792	278971	8.07	149666	9.83
	UPPER LIMIT	143128	7.292	557942	8.569	299332	10.327
	LOWER LIMIT	35782	6.292	139485.5	7.569	74833	9.327
	EPA SAMPLE NO.						
01	PB157996BL	89718	6.78	351669	8.06	185135	9.82
02	GHL-SS-15-2-4	63385	6.78	250975	8.06	126917	9.82
03	WC-D-COMP	63230	6.78	247771	8.06	130341	9.82
04	WC-A-COMP	67644	6.78	266708	8.06	135850	9.82
05	WC-B-COMP	64284	6.78	253994	8.06	130824	9.82
06	SB32-1-20231222-10.0-11.0	67481	6.78	264280	8.06	133227	9.82
07	SB32-1-20231222-12.5-13.5	69541	6.78	269241	8.06	137090	9.82
08	GHL-SS-14-2-4	72875	6.78	284558	8.06	143203	9.82
09	MW-7-122023	82361	6.78	316487	8.06	166372	9.82
10	RT-MW-03-122023	73393	6.78	283737	8.06	144456	9.82
11	RT-GWDUP01-122023	85408	6.78	318626	8.06	73857 *	9.82
12	GHL-SS-02	72492	6.78	273010	8.06	143984	9.82
13	GHL-SS-44	66690	6.78	252756	8.06	131520	9.82
14	GHL-SS-45	68789	6.78	259412	8.06	134731	9.82
15	GHL-SS-48	68291	6.78	267402	8.06	137308	9.82
16	GHL-SS-36a	69805	6.78	268116	8.06	138515	9.82
17	GHL-SS-37a	69977	6.78	268230	8.06	138989	9.82
18	GHL-SS-39	72861	6.78	273379	8.06	138483	9.82
19	GHL-SS-38a	74783	6.78	287073	8.06	149613	9.82
20	GHL-SS-30	70461	6.78	270569	8.06	142537	9.82
21	GHL-SS-43	69281	6.78	255902	8.06	131958	9.82
22	PB158107TB	73620	6.78	285792	8.06	148335	9.82
23	WC-LIQUIDS-20231213-01DL2	66984	6.78	259783	8.06	132970	9.82
24	DS01-GW-122023	67661	6.78	266066	8.06	137323	9.82



8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECHLab Code: CHEM Case No.: BF122923 SAS No.: BF122923 SDG NO.: BF122923EPA Sample No.: SSTDICCC040 Date Analyzed: Dec 30 2023 12:00AMLab File ID: BF136645.D Time Analyzed: 00:13Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	71564	6.792	278971	8.07	149666	9.83
	UPPER LIMIT	143128	7.292	557942	8.569	299332	10.327
	LOWER LIMIT	35782	6.292	139485.5	7.569	74833	9.327
	EPA SAMPLE NO.						
25	MR-315-0-2	72272	6.78	276514	8.06	143226	9.82
26	MR-317-0-2D	71729	6.78	274901	8.06	140397	9.82
27	MR-317-0-2	72689	6.78	280432	8.06	142161	9.82
28	MR-323-0-2	76313	6.78	298199	8.06	150652	9.82
29	MR-323-6-8	75472	6.78	284122	8.06	147555	9.82
30	MR-322-0-2	71415	6.78	276461	8.06	141053	9.82
31	MR-322-4-6	75816	6.78	295313	8.06	149628	9.82
32	MR-321-0-2	74170	6.78	283064	8.06	147755	9.82
33	MR-321-10-12	71070	6.78	272327	8.06	140236	9.82
34	GHL-SS-40-D	68033	6.78	263441	8.06	132100	9.82
35	GHL-SS-42	68513	6.78	262636	8.06	135453	9.81
36	GHL-SS-40	71727	6.78	273036	8.06	141224	9.82
37	GHL-SS-41	73167	6.78	282546	8.06	143726	9.81
38	GHL-SS-33	69010	6.78	267868	8.06	137582	9.81
39	GHL-SS-34	73518	6.78	281357	8.06	143787	9.81
40	GHL-SS-20	71569	6.78	276602	8.06	141507	9.82
41	GHL-SS-32	73541	6.78	286698	8.06	155364	9.82
42	GHL-SS-23	71237	6.78	272990	8.06	135323	9.82

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF122923 SAS No.: BF122923 SDG NO.: BF122923

EPA Sample No.: SSTDICCC040 Date Analyzed: Dec 30 2023 12:00AM

Lab File ID: BF136645.D Time Analyzed: 09:26

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	71564	6.792	278971	8.07	149666	9.83
UPPER LIMIT	143128	7.292	557942	8.569	299332	10.327
LOWER LIMIT	35782	6.292	139485.5	7.569	74833	9.327
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.



8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECHLab Code: CHEM Case No.: BF122923 SAS No.: BF122923 SDG NO.: BF122923EPA Sample No.: SSTDCCC040 Date Analyzed: Dec 29 2023 12:00AMLab File ID: BF136818.D Time Analyzed: 10:03Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	67235	6.787	263160	8.06	131466	9.82
	UPPER LIMIT	134470	7.287	526320	8.563	262932	10.322
	LOWER LIMIT	33617.5	6.287	131580	7.563	65733	9.322
	EPA SAMPLE NO.						
01	PB157996BL	89718	6.78	351669	8.06	185135	9.82
02	GHL-SS-15-2-4	63385	6.78	250975	8.06	126917	9.82
03	WC-D-COMP	63230	6.78	247771	8.06	130341	9.82
04	WC-A-COMP	67644	6.78	266708	8.06	135850	9.82
05	WC-B-COMP	64284	6.78	253994	8.06	130824	9.82
06	SB32-1-20231222-10.0-11.0	67481	6.78	264280	8.06	133227	9.82
07	SB32-1-20231222-12.5-13.5	69541	6.78	269241	8.06	137090	9.82
08	GHL-SS-14-2-4	72875	6.78	284558	8.06	143203	9.82
09	MW-7-122023	82361	6.78	316487	8.06	166372	9.82
10	RT-MW-03-122023	73393	6.78	283737	8.06	144456	9.82
11	RT-GWDUP01-122023	85408	6.78	318626	8.06	73857	9.82
12	GHL-SS-02	72492	6.78	273010	8.06	143984	9.82
13	GHL-SS-44	66690	6.78	252756	8.06	131520	9.82
14	GHL-SS-45	68789	6.78	259412	8.06	134731	9.82
15	GHL-SS-48	68291	6.78	267402	8.06	137308	9.82
16	GHL-SS-36a	69805	6.78	268116	8.06	138515	9.82
17	GHL-SS-37a	69977	6.78	268230	8.06	138989	9.82
18	GHL-SS-39	72861	6.78	273379	8.06	138483	9.82
19	GHL-SS-38a	74783	6.78	287073	8.06	149613	9.82
20	GHL-SS-30	70461	6.78	270569	8.06	142537	9.82
21	GHL-SS-43	69281	6.78	255902	8.06	131958	9.82

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF122923 SAS No.: BF122923 SDG NO.: BF122923

EPA Sample No.: SSTDCCC040 Date Analyzed: Dec 29 2023 12:00AM

Lab File ID: BF136818.D Time Analyzed: 20:18

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	67235	6.787	263160	8.06	131466	9.82
UPPER LIMIT	134470	7.287	526320	8.563	262932	10.322
LOWER LIMIT	33617.5	6.287	131580	7.563	65733	9.322
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.



8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECHLab Code: CHEM Case No.: BF122923 SAS No.: BF122923 SDG NO.: BF122923EPA Sample No.: SSTDCCC040 Date Analyzed: Dec 29 2023 12:00AMLab File ID: BF136841.D Time Analyzed: 22:30Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	72384	6.781	285202	8.06	140385	9.82
	UPPER LIMIT	144768	7.281	570404	8.563	280770	10.316
	LOWER LIMIT	36192	6.281	142601	7.563	70192.5	9.316
	EPA SAMPLE NO.						
01	PB158107TB	73620	6.78	285792	8.06	148335	9.82
02	WC-LIQUIDS-20231213-01DL2	66984	6.78	259783	8.06	132970	9.82
03	DS01-GW-122023	67661	6.78	266066	8.06	137323	9.82
04	MR-315-0-2	72272	6.78	276514	8.06	143226	9.82
05	MR-317-0-2D	71729	6.78	274901	8.06	140397	9.82
06	MR-317-0-2	72689	6.78	280432	8.06	142161	9.82
07	MR-323-0-2	76313	6.78	298199	8.06	150652	9.82
08	MR-323-6-8	75472	6.78	284122	8.06	147555	9.82
09	MR-322-0-2	71415	6.78	276461	8.06	141053	9.82
10	MR-322-4-6	75816	6.78	295313	8.06	149628	9.82
11	MR-321-0-2	74170	6.78	283064	8.06	147755	9.82
12	MR-321-10-12	71070	6.78	272327	8.06	140236	9.82
13	GHL-SS-40-D	68033	6.78	263441	8.06	132100	9.82
14	GHL-SS-42	68513	6.78	262636	8.06	135453	9.81
15	GHL-SS-40	71727	6.78	273036	8.06	141224	9.82
16	GHL-SS-41	73167	6.78	282546	8.06	143726	9.81
17	GHL-SS-33	69010	6.78	267868	8.06	137582	9.81
18	GHL-SS-34	73518	6.78	281357	8.06	143787	9.81
19	GHL-SS-20	71569	6.78	276602	8.06	141507	9.82
20	GHL-SS-32	73541	6.78	286698	8.06	155364	9.82
21	GHL-SS-23	71237	6.78	272990	8.06	135323	9.82

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF122923 SAS No.: BF122923 SDG NO.: BF122923

EPA Sample No.: SSTDCCC040 Date Analyzed: Dec 30 2023 12:00AM

Lab File ID: BF136841.D Time Analyzed: 09:26

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	72384	6.781	285202	8.06	140385	9.82
UPPER LIMIT	144768	7.281	570404	8.563	280770	10.316
LOWER LIMIT	36192	6.281	142601	7.563	70192.5	9.316
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.: BF122923 SAS No.: BF122923 SDG NO.: BF122923

EPA Sample No.: SSTDICCC040 Date Analyzed: Dec 29 2023 12:00AM

Lab File ID: BF136645.D Time Analyzed: 10:03

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	284111	11.316	155152	13.968	135880	15.445
	UPPER LIMIT	568222	11.816	310304	14.468	271760	15.945
	LOWER LIMIT	142055.5	10.816	77576	13.468	67940	14.945
	EPA SAMPLE NO.						
01	PB157996BL	362214	11.31	228286	13.97	198910	15.45
02	GHL-SS-15-2-4	240292	11.31	139254	13.96	126993	15.45
03	WC-D-COMP	246892	11.31	159576	13.96	135471	15.45
04	WC-A-COMP	257805	11.31	152851	13.96	135156	15.45
05	WC-B-COMP	256551	11.31	159658	13.96	140708	15.45
06	SB32-1-20231222-10.0-11.0	258960	11.31	162516	13.96	140254	15.45
07	SB32-1-20231222-12.5-13.5	264520	11.31	157279	13.96	137631	15.45
08	GHL-SS-14-2-4	270555	11.31	166364	13.96	146571	15.45
09	MW-7-122023	315383	11.31	190664	13.96	167181	15.45
10	RT-MW-03-122023	256147	11.30	142178	13.96	143629	15.45
11	RT-GWDUP01-122023	280412	11.31	99318	13.96	3052 *	15.45
12	GHL-SS-02	277618	11.31	159999	13.96	140838	15.45
13	GHL-SS-44	250489	11.30	139743	13.96	129788	15.45
14	GHL-SS-45	253514	11.30	143285	13.96	136790	15.44
15	GHL-SS-48	269484	11.31	159530	13.96	136101	15.45
16	GHL-SS-36a	262503	11.30	144282	13.96	137306	15.45
17	GHL-SS-37a	261863	11.30	140286	13.96	138303	15.44
18	GHL-SS-39	265406	11.30	140813	13.96	141590	15.44
19	GHL-SS-38a	290555	11.30	166348	13.96	145392	15.44
20	GHL-SS-30	270627	11.30	147482	13.96	139085	15.44
21	GHL-SS-43	246838	11.30	127222	13.96	130863	15.44
22	PB158107TB	285079	11.30	155726	13.96	150230	15.45

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF122923 SAS No.: BF122923 SDG NO.: BF122923

EPA Sample No.: SSTDICCC040 Date Analyzed: Dec 29 2023 12:00AM

Lab File ID: BF136645.D Time Analyzed: 23:04

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	284111	11.316	155152	13.968	135880	15.445
UPPER LIMIT	568222	11.816	310304	14.468	271760	15.945
LOWER LIMIT	142055.5	10.816	77576	13.468	67940	14.945
EPA SAMPLE NO.						
23 WC-LIQUIDS-20231213-01DL2	238790	11.30	126238	13.96	133337	15.45
24 DS01-GW-122023	250817	11.30	140178	13.96	139006	15.44
25 MR-315-0-2	264111	11.30	140134	13.96	141881	15.45
26 MR-317-0-2D	255064	11.30	136650	13.96	140426	15.45
27 MR-317-0-2	255908	11.30	141656	13.96	146828	15.45
28 MR-323-0-2	284346	11.30	154170	13.96	152851	15.45
29 MR-323-6-8	270169	11.30	146496	13.96	149738	15.45
30 MR-322-0-2	253034	11.30	138411	13.96	146120	15.45
31 MR-322-4-6	273969	11.30	152714	13.96	152527	15.45
32 MR-321-0-2	276234	11.30	143440	13.96	145173	15.45
33 MR-321-10-12	261738	11.30	141491	13.96	147305	15.45
34 GHL-SS-40-D	242328	11.30	134897	13.96	135011	15.45
35 GHL-SS-42	256648	11.30	138702	13.96	132040	15.44
36 GHL-SS-40	266961	11.30	147292	13.96	139208	15.44
37 GHL-SS-41	266554	11.30	142429	13.96	141933	15.44
38 GHL-SS-33	252563	11.30	138571	13.96	137667	15.44
39 GHL-SS-34	262370	11.30	137168	13.96	147161	15.44
40 GHL-SS-20	266903	11.30	141164	13.96	143974	15.44
41 GHL-SS-32	229263	11.30	128406	13.96	154965	15.45
42 GHL-SS-23	230611	11.30	127840	13.96	151068	15.45

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF122923 SAS No.: BF122923 SDG NO.: BF122923

EPA Sample No.: SSTDICCC040 Date Analyzed: Dec 30 2023 12:00AM

Lab File ID: BF136645.D Time Analyzed: 09:26

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	284111	11.316	155152	13.968	135880	15.445
UPPER LIMIT	568222	11.816	310304	14.468	271760	15.945
LOWER LIMIT	142055.5	10.816	77576	13.468	67940	14.945
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.: BF122923 SAS No.: BF122923 SDG NO.: BF122923

EPA Sample No.: SSTDCCC040 Date Analyzed: Dec 29 2023 12:00AM

Lab File ID: BF136818.D Time Analyzed: 10:03

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	236489	11.316	125626	13.968	126926	15.451
UPPER LIMIT	472978	11.816	251252	14.468	253852	15.951
LOWER LIMIT	118244.5	10.816	62813	13.468	63463	14.951
EPA SAMPLE NO.						
01 PB157996BL	362214	11.31	228286	13.97	198910	15.45
02 GHL-SS-15-2-4	240292	11.31	139254	13.96	126993	15.45
03 WC-D-COMP	246892	11.31	159576	13.96	135471	15.45
04 WC-A-COMP	257805	11.31	152851	13.96	135156	15.45
05 WC-B-COMP	256551	11.31	159658	13.96	140708	15.45
06 SB32-1-20231222-10.0-11.0	258960	11.31	162516	13.96	140254	15.45
07 SB32-1-20231222-12.5-13.5	264520	11.31	157279	13.96	137631	15.45
08 GHL-SS-14-2-4	270555	11.31	166364	13.96	146571	15.45
09 MW-7-122023	315383	11.31	190664	13.96	167181	15.45
10 RT-MW-03-122023	256147	11.30	142178	13.96	143629	15.45
11 RT-GWDUP01-122023	280412	11.31	99318	13.96	3052 *	15.45
12 GHL-SS-02	277618	11.31	159999	13.96	140838	15.45
13 GHL-SS-44	250489	11.30	139743	13.96	129788	15.45
14 GHL-SS-45	253514	11.30	143285	13.96	136790	15.44
15 GHL-SS-48	269484	11.31	159530	13.96	136101	15.45
16 GHL-SS-36a	262503	11.30	144282	13.96	137306	15.45
17 GHL-SS-37a	261863	11.30	140286	13.96	138303	15.44
18 GHL-SS-39	265406	11.30	140813	13.96	141590	15.44
19 GHL-SS-38a	290555	11.30	166348	13.96	145392	15.44
20 GHL-SS-30	270627	11.30	147482	13.96	139085	15.44
21 GHL-SS-43	246838	11.30	127222	13.96	130863	15.44

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF122923 SAS No.: BF122923 SDG NO.: BF122923

EPA Sample No.: SSTDCCC040 Date Analyzed: Dec 29 2023 12:00AM

Lab File ID: BF136818.D Time Analyzed: 20:18

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	236489	11.316	125626	13.968	126926	15.451
UPPER LIMIT	472978	11.816	251252	14.468	253852	15.951
LOWER LIMIT	118244.5	10.816	62813	13.468	63463	14.951
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.: BF122923 SAS No.: BF122923 SDG NO.: BF122923

EPA Sample No.: SSTDCCC040 Date Analyzed: Dec 29 2023 12:00AM

Lab File ID: BF136841.D Time Analyzed: 22:30

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	252218	11.31	128595	13.968	144763	15.445
UPPER LIMIT	504436	11.81	257190	14.468	289526	15.945
LOWER LIMIT	126109	10.81	64297.5	13.468	72381.5	14.945
EPA SAMPLE NO.						
01 PB158107TB	285079	11.30	155726	13.96	150230	15.45
02 WC-LIQUIDS-20231213-01DL2	238790	11.30	126238	13.96	133337	15.45
03 DS01-GW-122023	250817	11.30	140178	13.96	139006	15.44
04 MR-315-0-2	264111	11.30	140134	13.96	141881	15.45
05 MR-317-0-2D	255064	11.30	136650	13.96	140426	15.45
06 MR-317-0-2	255908	11.30	141656	13.96	146828	15.45
07 MR-323-0-2	284346	11.30	154170	13.96	152851	15.45
08 MR-323-6-8	270169	11.30	146496	13.96	149738	15.45
09 MR-322-0-2	253034	11.30	138411	13.96	146120	15.45
10 MR-322-4-6	273969	11.30	152714	13.96	152527	15.45
11 MR-321-0-2	276234	11.30	143440	13.96	145173	15.45
12 MR-321-10-12	261738	11.30	141491	13.96	147305	15.45
13 GHL-SS-40-D	242328	11.30	134897	13.96	135011	15.45
14 GHL-SS-42	256648	11.30	138702	13.96	132040	15.44
15 GHL-SS-40	266961	11.30	147292	13.96	139208	15.44
16 GHL-SS-41	266554	11.30	142429	13.96	141933	15.44
17 GHL-SS-33	252563	11.30	138571	13.96	137667	15.44
18 GHL-SS-34	262370	11.30	137168	13.96	147161	15.44
19 GHL-SS-20	266903	11.30	141164	13.96	143974	15.44
20 GHL-SS-32	229263	11.30	128406	13.96	154965	15.45
21 GHL-SS-23	230611	11.30	127840	13.96	151068	15.45

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF122923 SAS No.: BF122923 SDG NO.: BF122923

EPA Sample No.: SSTDCCC040 Date Analyzed: Dec 30 2023 12:00AM

Lab File ID: BF136841.D Time Analyzed: 09:26

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	252218	11.31	128595	13.968	144763	15.445
UPPER LIMIT	504436	11.81	257190	14.468	289526	15.945
LOWER LIMIT	126109	10.81	64297.5	13.468	72381.5	14.945
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.



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

GHL-SS-36a

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM

Case No.: BF122923

SAS No.: BF122923

SDG NO.: BF122923

Lab File ID: BF136834.D

Lab Sample ID: 05897-02

Instrument ID: BNA_F

Date Extracted: 12/20/2023

Matrix: (soil/water) Solid

Date Analyzed: 12/29/2023

Level: (low/med) LOW

Time Analyzed: 17:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
GHL-SS-36a	05897-02	BF136834.D	12/29/2023
GHL-SS-37a	05897-03	BF136835.D	12/29/2023
GHL-SS-39	05897-10	BF136836.D	12/29/2023
GHL-SS-38a	05897-04	BF136837.D	12/29/2023
GHL-SS-30	05897-05	BF136838.D	12/29/2023
GHL-SS-43	05897-13	BF136839.D	12/29/2023
GHL-SS-40-D	05897-14	BF136854.D	12/30/2023
GHL-SS-42	05897-15	BF136855.D	12/30/2023
GHL-SS-40	05897-11	BF136856.D	12/30/2023
GHL-SS-41	05897-12	BF136857.D	12/30/2023
GHL-SS-33	05897-08	BF136858.D	12/30/2023
GHL-SS-34	05897-09	BF136859.D	12/30/2023
GHL-SS-20	05897-16	BF136860.D	12/30/2023
GHL-SS-32	05897-07	BF136861.D	12/30/2023
GHL-SS-23	05897-19	BF136862.D	12/30/2023

COMMENTS:



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB157996BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF122923SAS No.: BF122923 SDG NO.: BF122923Lab File ID: BF136819.DLab Sample ID: PB157996BLInstrument ID: BNA_FDate Extracted: 12/22/2023Matrix: (soil/water) SolidDate Analyzed: 12/29/2023Level: (low/med) LOWTime Analyzed: 10:03

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
GHL-SS-15-2-4	05899-09	BF136820.D	12/29/2023
GHL-SS-14-2-4	05899-08	BF136826.D	12/29/2023
GHL-SS-02	05899-12	BF136830.D	12/29/2023
GHL-SS-44	05909-06	BF136831.D	12/29/2023
GHL-SS-45	05909-07	BF136832.D	12/29/2023
GHL-SS-48	05909-10	BF136833.D	12/29/2023

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WC-D-COMP

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF122923SAS No.: BF122923 SDG NO.: BF122923Lab File ID: BF136821.DLab Sample ID: O5994-10Instrument ID: BNA_FDate Extracted: 12/23/2023Matrix: (soil/water) SolidDate Analyzed: 12/29/2023Level: (low/med) LOWTime Analyzed: 11:04

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WC-D-COMP	O5994-10	BF136821.D	12/29/2023
WC-A-COMP	O5994-01	BF136822.D	12/29/2023
WC-B-COMP	O5994-04	BF136823.D	12/29/2023
SB32-1-20231222-10.0-11.0	O6017-06	BF136824.D	12/29/2023
SB32-1-20231222-12.5-13.5	O6017-07	BF136825.D	12/29/2023

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

MW-7-122023

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BF122923

SAS No.: BF122923 SDG NO.: BF122923

Lab File ID: BF136827.D

Lab Sample ID: O5975-01

Instrument ID: BNA_F

Date Extracted: 12/23/2023

Matrix: (soil/water) Water

Date Analyzed: 12/29/2023

Level: (low/med) LOW

Time Analyzed: 14:08

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MW-7-122023	O5975-01	BF136827.D	12/29/2023
RT-MW-03-122023	O5975-04	BF136828.D	12/29/2023
RT-GWDUP01-122023	O5975-09	BF136829.D	12/29/2023

COMMENTS:



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

MR-315-0-2

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF122923SAS No.: BF122923 SDG NO.: BF122923Lab File ID: BF136845.DLab Sample ID: O5980-02Instrument ID: BNA_FDate Extracted: 12/23/2023Matrix: (soil/water) waterDate Analyzed: 12/30/2023Level: (low/med) LOWTime Analyzed: 00:13

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MR-315-0-2	O5980-02	BF136845.D	12/30/2023

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

MR-317-0-2D

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF122923SAS No.: BF122923 SDG NO.: BF122923Lab File ID: BF136846.DLab Sample ID: O6015-04Instrument ID: BNA_FDate Extracted: 12/28/2023Matrix: (soil/water) waterDate Analyzed: 12/30/2023Level: (low/med) LOWTime Analyzed: 00:47

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MR-317-0-2D	O6015-04	BF136846.D	12/30/2023
MR-317-0-2	O6015-02	BF136847.D	12/30/2023
MR-323-0-2	O6015-06	BF136848.D	12/30/2023
MR-323-6-8	O6015-08	BF136849.D	12/30/2023
MR-322-0-2	O6016-02	BF136850.D	12/30/2023
MR-322-4-6	O6016-04	BF136851.D	12/30/2023
MR-321-0-2	O6031-02	BF136852.D	12/30/2023
MR-321-10-12	O6031-04	BF136853.D	12/30/2023
PB158107TB	PB158107TB	BF136842.D	12/29/2023
DS01-GW-122023	O5975-05	BF136844.D	12/29/2023

COMMENTS: _____



Surrogate Summary
SW-846

SDG No.: BF122923

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O5862-12DL2	WC-LIQUIDS-202:BF136843.D		2-Fluorophenol	150	59.90	40	*	10	139
			Phenol-d6	150	38.10	25		10	134
			Nitrobenzene-d5	100	108.50	109		49	133
			2-Fluorobiphenyl	100	146.60	147		52	132
			2,4,6-Tribromophenol	150	135.50	90		32	145
			Terphenyl-d14	100	141.50	141		36	145

Surrogate Summary

SW-846

SDG No.: BF122923

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O5897-02	GHL-SS-36a	BF136834.D	2-Fluorophenol	150	108.71	72		18	112
			Phenol-d6	150	105.76	71		15	107
			Nitrobenzene-d5	100	72.90	73		18	107
			2-Fluorobiphenyl	100	70.70	71		20	109
			2,4,6-Tribromophenol	150	102.53	68		10	110
			Terphenyl-d14	100	65.72	66		14	112
O5897-03	GHL-SS-37a	BF136835.D	2-Fluorophenol	150	92.13	61		18	112
			Phenol-d6	150	87.93	59		15	107
			Nitrobenzene-d5	100	61.71	62		18	107
			2-Fluorobiphenyl	100	61.43	61		20	109
			2,4,6-Tribromophenol	150	90.53	60		10	110
			Terphenyl-d14	100	58.11	58		14	112
O5897-04	GHL-SS-38a	BF136837.D	2-Fluorophenol	150	89.92	60		18	112
			Phenol-d6	150	86.96	58		15	107
			Nitrobenzene-d5	100	60.41	60		18	107
			2-Fluorobiphenyl	100	59.82	60		20	109
			2,4,6-Tribromophenol	150	87.81	59		10	110
			Terphenyl-d14	100	57.20	57		14	112
O5897-05	GHL-SS-30	BF136838.D	2-Fluorophenol	150	93.14	62		18	112
			Phenol-d6	150	90.07	60		15	107
			Nitrobenzene-d5	100	62.39	62		18	107
			2-Fluorobiphenyl	100	63.97	64		20	109
			2,4,6-Tribromophenol	150	94.52	63		10	110
			Terphenyl-d14	100	64.77	65		14	112
O5897-07	GHL-SS-32	BF136861.D	2-Fluorophenol	150	92.50	62		18	112
			Phenol-d6	150	93.96	63		15	107
			Nitrobenzene-d5	100	60.13	60		18	107
			2-Fluorobiphenyl	100	57.02	57		20	109
			2,4,6-Tribromophenol	150	68.28	46		10	110
			Terphenyl-d14	100	51.92	52		14	112
O5897-08	GHL-SS-33	BF136858.D	2-Fluorophenol	150	91.63	61		18	112
			Phenol-d6	150	92.51	62		15	107
			Nitrobenzene-d5	100	63.28	63		18	107
			2-Fluorobiphenyl	100	66.84	67		20	109
			2,4,6-Tribromophenol	150	36.58	24		10	110
			Terphenyl-d14	100	67.09	67		14	112
O5897-09	GHL-SS-34	BF136859.D	2-Fluorophenol	150	73.59	49		18	112
			Phenol-d6	150	75.29	50		15	107
			Nitrobenzene-d5	100	53.30	53		18	107
			2-Fluorobiphenyl	100	57.07	57		20	109
			2,4,6-Tribromophenol	150	36.64	24		10	110
			Terphenyl-d14	100	58.07	58		14	112
O5897-10	GHL-SS-39	BF136836.D	2-Fluorophenol	150	86.51	58		18	112
			Phenol-d6	150	84.10	56		15	107
			Nitrobenzene-d5	100	60.39	60		18	107
			2-Fluorobiphenyl	100	62.81	63		20	109
			2,4,6-Tribromophenol	150	90.41	60		10	110
			Terphenyl-d14	100	58.97	59		14	112
O5897-11	GHL-SS-40	BF136856.D	2-Fluorophenol	150	88.41	59		18	112
			Phenol-d6	150	87.40	58		15	107
			Nitrobenzene-d5	100	60.88	61		18	107

Surrogate Summary

SW-846

SDG No.: BF122923

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O5897-11	GHL-SS-40	BF136856.D	2-Fluorobiphenyl	100	61.90	62		20	109
			2,4,6-Tribromophenol	150	36.99	25		10	110
			Terphenyl-d14	100	59.84	60		14	112
O5897-12	GHL-SS-41	BF136857.D	2-Fluorophenol	150	82.98	55		18	112
			Phenol-d6	150	84.63	56		15	107
			Nitrobenzene-d5	100	57.87	58		18	107
			2-Fluorobiphenyl	100	58.55	59		20	109
			2,4,6-Tribromophenol	150	44.81	30		10	110
			Terphenyl-d14	100	56.68	57		14	112
O5897-13	GHL-SS-43	BF136839.D	2-Fluorophenol	150	91.06	61		18	112
			Phenol-d6	150	91.10	61		15	107
			Nitrobenzene-d5	100	63.99	64		18	107
			2-Fluorobiphenyl	100	61.63	62		20	109
			2,4,6-Tribromophenol	150	86.11	57		10	110
			Terphenyl-d14	100	55.98	56		14	112
O5897-14	GHL-SS-40-D	BF136854.D	2-Fluorophenol	150	76.54	51		18	112
			Phenol-d6	150	76.11	51		15	107
			Nitrobenzene-d5	100	52.08	52		18	107
			2-Fluorobiphenyl	100	55.15	55		20	109
			2,4,6-Tribromophenol	150	30.12	20		10	110
			Terphenyl-d14	100	51.37	51		14	112
O5897-15	GHL-SS-42	BF136855.D	2-Fluorophenol	150	56.66	38		18	112
			Phenol-d6	150	84.98	57		15	107
			Nitrobenzene-d5	100	58.12	58		18	107
			2-Fluorobiphenyl	100	67.67	68		20	109
			2,4,6-Tribromophenol	150	13.95	9	*	10	110
			Terphenyl-d14	100	76.42	76		14	112
O5897-16	GHL-SS-20	BF136860.D	2-Fluorophenol	150	71.37	48		18	112
			Phenol-d6	150	72.09	48		15	107
			Nitrobenzene-d5	100	48.11	48		18	107
			2-Fluorobiphenyl	100	44.49	44		20	109
			2,4,6-Tribromophenol	150	26.04	17		10	110
			Terphenyl-d14	100	47.31	47		14	112
O5897-19	GHL-SS-23	BF136862.D	2-Fluorophenol	150	89.62	60		18	112
			Phenol-d6	150	88.50	59		15	107
			Nitrobenzene-d5	100	59.75	60		18	107
			2-Fluorobiphenyl	100	59.76	60		20	109
			2,4,6-Tribromophenol	150	74.47	50		10	110
			Terphenyl-d14	100	50.74	51		14	112

Surrogate Summary

SW-846

SDG No.: **BF122923**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O5899-08	GHL-SS-14-2-4	BF136826.D	2-Fluorophenol	150	90.92	61		18	112
			Phenol-d6	150	88.13	59		15	107
			Nitrobenzene-d5	100	59.77	60		18	107
			2-Fluorobiphenyl	100	61.37	61		20	109
			2,4,6-Tribromophenol	150	87.74	58		10	110
			Terphenyl-d14	100	54.77	55		14	112
O5899-09	GHL-SS-15-2-4	BF136820.D	2-Fluorophenol	150	128.95	86		18	112
			Phenol-d6	150	124.67	83		15	107
			Nitrobenzene-d5	100	85.20	85		18	107
			2-Fluorobiphenyl	100	87.23	87		20	109
			2,4,6-Tribromophenol	150	126.56	84		10	110
			Terphenyl-d14	100	80.96	81		14	112
O5899-12	GHL-SS-02	BF136830.D	2-Fluorophenol	150	78.93	53		18	112
			Phenol-d6	150	76.67	51		15	107
			Nitrobenzene-d5	100	54.21	54		18	107
			2-Fluorobiphenyl	100	57.08	57		20	109
			2,4,6-Tribromophenol	150	80.86	54		10	110
			Terphenyl-d14	100	55.33	55		14	112
O5909-06	GHL-SS-44	BF136831.D	2-Fluorophenol	150	35.62	24		18	112
			Phenol-d6	150	42.13	28		15	107
			Nitrobenzene-d5	100	21.15	21		18	107
			2-Fluorobiphenyl	100	22.08	22		20	109
			2,4,6-Tribromophenol	150	50.60	34		10	110
			Terphenyl-d14	100	29.66	30		14	112
O5909-07	GHL-SS-45	BF136832.D	2-Fluorophenol	150	124.89	83		18	112
			Phenol-d6	150	121.68	81		15	107
			Nitrobenzene-d5	100	83.62	84		18	107
			2-Fluorobiphenyl	100	78.02	78		20	109
			2,4,6-Tribromophenol	150	118.73	79		10	110
			Terphenyl-d14	100	72.80	73		14	112
O5909-10	GHL-SS-48	BF136833.D	2-Fluorophenol	150	108.07	72		18	112
			Phenol-d6	150	105.01	70		15	107
			Nitrobenzene-d5	100	68.85	69		18	107
			2-Fluorobiphenyl	100	59.58	60		20	109
			2,4,6-Tribromophenol	150	101.49	68		10	110
			Terphenyl-d14	100	46.60	47		14	112
PB157996BL	PB157996BL	BF136819.D	2-Fluorophenol	150	144.08	96		18	112
			Phenol-d6	150	140.13	93		15	107
			Nitrobenzene-d5	100	96.14	96		18	107
			2-Fluorobiphenyl	100	93.02	93		20	109
			2,4,6-Tribromophenol	150	135.47	90		10	110
			Terphenyl-d14	100	85.91	86		14	112

Surrogate Summary

SW-846

SDG No.: **BF122923**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O5994-01	WC-A-COMP	BF136822.D	2-Fluorophenol	150	104.39	70		18	112
			Phenol-d6	150	101.66	68		15	107
			Nitrobenzene-d5	100	66.44	66		18	107
			2-Fluorobiphenyl	100	68.04	68		20	109
			2,4,6-Tribromophenol	150	102.13	68		10	110
			Terphenyl-d14	100	62.07	62		14	112
O5994-04	WC-B-COMP	BF136823.D	2-Fluorophenol	150	104.65	70		18	112
			Phenol-d6	150	102.46	68		15	107
			Nitrobenzene-d5	100	67.55	68		18	107
			2-Fluorobiphenyl	100	67.07	67		20	109
			2,4,6-Tribromophenol	150	104.97	70		10	110
			Terphenyl-d14	100	60.47	60		14	112
O5994-10	WC-D-COMP	BF136821.D	2-Fluorophenol	150	118.62	79		18	112
			Phenol-d6	150	114.40	76		15	107
			Nitrobenzene-d5	100	78.25	78		18	107
			2-Fluorobiphenyl	100	74.67	75		20	109
			2,4,6-Tribromophenol	150	114.38	76		10	110
			Terphenyl-d14	100	68.46	68		14	112
O6017-06	SB32-1-20231222-IBF136824.D		2-Fluorophenol	150	99.02	66		18	112
			Phenol-d6	150	95.63	64		15	107
			Nitrobenzene-d5	100	62.40	62		18	107
			2-Fluorobiphenyl	100	61.97	62		20	109
			2,4,6-Tribromophenol	150	95.00	63		10	110
			Terphenyl-d14	100	52.43	52		14	112
O6017-07	SB32-1-20231222-IBF136825.D		2-Fluorophenol	150	77.90	52		18	112
			Phenol-d6	150	73.83	49		15	107
			Nitrobenzene-d5	100	49.27	49		18	107
			2-Fluorobiphenyl	100	46.71	47		20	109
			2,4,6-Tribromophenol	150	76.80	51		10	110
			Terphenyl-d14	100	39.22	39		14	112



Surrogate Summary
SW-846

SDG No.: BF122923

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O5975-01	MW-7-122023	BF136827.D	2-Fluorophenol	150	56.89	38		10	139
			Phenol-d6	150	33.95	23		10	134
			Nitrobenzene-d5	100	80.75	81		49	133
			2-Fluorobiphenyl	100	77.76	78		52	132
			2,4,6-Tribromophenol	150	115.30	77		32	145
			Terphenyl-d14	100	73.93	74		36	145
O5975-04	RT-MW-03-122023	BF136828.D	2-Fluorophenol	150	60.76	41		10	139
			Phenol-d6	150	36.20	24		10	134
			Nitrobenzene-d5	100	84.67	85		49	133
			2-Fluorobiphenyl	100	83.57	84		52	132
			2,4,6-Tribromophenol	150	117.90	79		32	145
			Terphenyl-d14	100	79.40	79		36	145
O5975-09	RT-GWDUP01-122	BF136829.D	2-Fluorophenol	150	0.75	1	*	10	139
			Phenol-d6	150	5.20	3	*	10	134
			Nitrobenzene-d5	100	44.44	44	*	49	133
			2-Fluorobiphenyl	100	93.80	94		52	132
			2,4,6-Tribromophenol	150	1.34	1	*	32	145
			Terphenyl-d14	100	76.15	76		36	145



Surrogate Summary
SW-846

SDG No.: BF122923

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O5980-02	MR-315-0-2	BF136845.D	2-Fluorophenol	150	114.21	76		10	139
			Phenol-d6	150	100.71	67		10	134
			Nitrobenzene-d5	100	83.14	83		49	133
			2-Fluorobiphenyl	100	83.21	83		52	132
			2,4,6-Tribromophenol	150	116.74	78		32	145
			Terphenyl-d14	100	87.50	87		36	145

Surrogate Summary

SW-846

SDG No.: **BF122923**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O5975-05	DS01-GW-122023	BF136844.D	2-Fluorophenol	150	90.84	61		10	139
			Phenol-d6	150	91.37	61		10	134
			Nitrobenzene-d5	100	75.78	76		49	133
			2-Fluorobiphenyl	100	76.78	77		52	132
			2,4,6-Tribromophenol	150	66.44	44		32	145
			Terphenyl-d14	100	81.39	81		36	145
O6015-02	MR-317-0-2	BF136847.D	2-Fluorophenol	150	110.00	73		10	139
			Phenol-d6	150	98.05	65		10	134
			Nitrobenzene-d5	100	77.96	78		49	133
			2-Fluorobiphenyl	100	81.69	82		52	132
			2,4,6-Tribromophenol	150	114.33	76		32	145
			Terphenyl-d14	100	86.48	86		36	145
O6015-04	MR-317-0-2D	BF136846.D	2-Fluorophenol	150	110.68	74		10	139
			Phenol-d6	150	98.03	65		10	134
			Nitrobenzene-d5	100	79.97	80		49	133
			2-Fluorobiphenyl	100	83.16	83		52	132
			2,4,6-Tribromophenol	150	116.16	77		32	145
			Terphenyl-d14	100	90.19	90		36	145
O6015-06	MR-323-0-2	BF136848.D	2-Fluorophenol	150	135.95	91		10	139
			Phenol-d6	150	123.84	83		10	134
			Nitrobenzene-d5	100	94.12	94		49	133
			2-Fluorobiphenyl	100	96.48	96		52	132
			2,4,6-Tribromophenol	150	142.74	95		32	145
			Terphenyl-d14	100	106.81	107		36	145
O6015-08	MR-323-6-8	BF136849.D	2-Fluorophenol	150	112.93	75		10	139
			Phenol-d6	150	101.07	67		10	134
			Nitrobenzene-d5	100	83.72	84		49	133
			2-Fluorobiphenyl	100	84.66	85		52	132
			2,4,6-Tribromophenol	150	119.91	80		32	145
			Terphenyl-d14	100	90.88	91		36	145
O6016-02	MR-322-0-2	BF136850.D	2-Fluorophenol	150	95.83	64		10	139
			Phenol-d6	150	85.38	57		10	134
			Nitrobenzene-d5	100	66.98	67		49	133
			2-Fluorobiphenyl	100	70.14	70		52	132
			2,4,6-Tribromophenol	150	91.30	61		32	145
			Terphenyl-d14	100	72.47	72		36	145
O6016-04	MR-322-4-6	BF136851.D	2-Fluorophenol	150	104.81	70		10	139
			Phenol-d6	150	93.58	62		10	134
			Nitrobenzene-d5	100	74.36	74		49	133
			2-Fluorobiphenyl	100	76.46	76		52	132
			2,4,6-Tribromophenol	150	103.00	69		32	145
			Terphenyl-d14	100	78.20	78		36	145
O6031-02	MR-321-0-2	BF136852.D	2-Fluorophenol	150	108.47	72		10	139
			Phenol-d6	150	96.45	64		10	134
			Nitrobenzene-d5	100	78.35	78		49	133
			2-Fluorobiphenyl	100	78.65	79		52	132
			2,4,6-Tribromophenol	150	102.50	68		32	145
			Terphenyl-d14	100	83.61	84		36	145
O6031-04	MR-321-10-12	BF136853.D	2-Fluorophenol	150	109.09	73		10	139
			Phenol-d6	150	97.06	65		10	134
			Nitrobenzene-d5	100	78.87	79		49	133



Surrogate Summary
SW-846

SDG No.: BF122923

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O6031-04	MR-321-10-12	BF136853.D	2-Fluorobiphenyl	100	81.27	81		52	132
			2,4,6-Tribromophenol	150	102.61	68		32	145
			Terphenyl-d14	100	79.78	80		36	145
			2-Fluorophenol	150	120.35	80		10	139
PB158107TB	PB158107TB	BF136842.D	Phenol-d6	150	117.20	78		10	134
			Nitrobenzene-d5	100	77.70	78		49	133
			2-Fluorobiphenyl	100	80.32	80		52	132
			2,4,6-Tribromophenol	150	112.83	75		32	145
			Terphenyl-d14	100	83.29	83		36	145



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: CHEMTECHContract: BF122923Lab Code: CHEMSAS No.: BF122923 SDG NO.: BF122923Lab File ID: BF136817.DDFTPP Injection Date: 12/29/2023Instrument ID: BNA_FDFTPP Injection Time: 09:02

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.1
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	30.7
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	42.7
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.2
275	10.0 - 60.0% of mass 198	27.3
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	15.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18 (18) 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	BF136818.D	12/29/2023	09:32
PB157996BL	PB157996BL	BF136819.D	12/29/2023	10:03
GHL-SS-15-2-4	O5899-09	BF136820.D	12/29/2023	10:33
WC-D-COMP	O5994-10	BF136821.D	12/29/2023	11:04
WC-A-COMP	O5994-01	BF136822.D	12/29/2023	11:34
WC-B-COMP	O5994-04	BF136823.D	12/29/2023	12:04
SB32-1-20231222-10.0-11.0	O6017-06	BF136824.D	12/29/2023	12:36
SB32-1-20231222-12.5-13.5	O6017-07	BF136825.D	12/29/2023	13:07
GHL-SS-14-2-4	O5899-08	BF136826.D	12/29/2023	13:37
MW-7-122023	O5975-01	BF136827.D	12/29/2023	14:08
RT-MW-03-122023	O5975-04	BF136828.D	12/29/2023	14:39
RT-GWDUP01-122023	O5975-09	BF136829.D	12/29/2023	15:10
GHL-SS-02	O5899-12	BF136830.D	12/29/2023	15:40
GHL-SS-44	O5909-06	BF136831.D	12/29/2023	16:11
GHL-SS-45	O5909-07	BF136832.D	12/29/2023	16:42
GHL-SS-48	O5909-10	BF136833.D	12/29/2023	17:13
GHL-SS-36a	O5897-02	BF136834.D	12/29/2023	17:44
GHL-SS-37a	O5897-03	BF136835.D	12/29/2023	18:15
GHL-SS-39	O5897-10	BF136836.D	12/29/2023	18:46



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: CHEMTECHContract: BF122923Lab Code: CHEMSAS No.: BF122923 SDG NO.: BF122923Lab File ID: BF136817.DDFTPP Injection Date: 12/29/2023Instrument ID: BNA_FDFTPP Injection Time: 09:02

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.1
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	30.7
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	42.7
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.2
275	10.0 - 60.0% of mass 198	27.3
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	15.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18 (18) 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
GHL-SS-38a	05897-04	BF136837.D	12/29/2023	19:17
GHL-SS-30	05897-05	BF136838.D	12/29/2023	19:47
GHL-SS-43	05897-13	BF136839.D	12/29/2023	20:18



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: CHEMTECHContract: BF122923Lab Code: CHEMSAS No.: BF122923 SDG NO.: BF122923Lab File ID: BF136840.DDFTPP Injection Date: 12/29/2023Instrument ID: BNA_FDFTPP Injection Time: 21:23

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	37.8
68	Less than 2.0% of mass 69	0.3 (0.9) 1
69	Mass 69 relative abundance	34.5
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	45.6
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	28.2
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.6 (18.6) 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	BF136841.D	12/29/2023	21:56
PB158107TB	PB158107TB	BF136842.D	12/29/2023	22:30
WC-LIQUIDS-20231213-01DL2	O5862-12DL2	BF136843.D	12/29/2023	23:04
DS01-GW-122023	O5975-05	BF136844.D	12/29/2023	23:39
MR-315-0-2	O5980-02	BF136845.D	12/30/2023	00:13
MR-317-0-2D	O6015-04	BF136846.D	12/30/2023	00:47
MR-317-0-2	O6015-02	BF136847.D	12/30/2023	01:21
MR-323-0-2	O6015-06	BF136848.D	12/30/2023	01:55
MR-323-6-8	O6015-08	BF136849.D	12/30/2023	02:29
MR-322-0-2	O6016-02	BF136850.D	12/30/2023	03:03
MR-322-4-6	O6016-04	BF136851.D	12/30/2023	03:37
MR-321-0-2	O6031-02	BF136852.D	12/30/2023	04:11
MR-321-10-12	O6031-04	BF136853.D	12/30/2023	04:42
GHL-SS-40-D	O5897-14	BF136854.D	12/30/2023	05:14
GHL-SS-42	O5897-15	BF136855.D	12/30/2023	05:46
GHL-SS-40	O5897-11	BF136856.D	12/30/2023	06:17
GHL-SS-41	O5897-12	BF136857.D	12/30/2023	06:48
GHL-SS-33	O5897-08	BF136858.D	12/30/2023	07:20
GHL-SS-34	O5897-09	BF136859.D	12/30/2023	07:52



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: CHEMTECHContract: BF122923Lab Code: CHEMSAS No.: BF122923 SDG NO.: BF122923Lab File ID: BF136840.DDFTPP Injection Date: 12/29/2023Instrument ID: BNA_FDFTPP Injection Time: 21:23

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	37.8
68	Less than 2.0% of mass 69	0.3 (0.9) 1
69	Mass 69 relative abundance	34.5
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	45.6
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	28.2
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.6 (18.6) 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
GHL-SS-20	05897-16	BF136860.D	12/30/2023	08:23
GHL-SS-32	05897-07	BF136861.D	12/30/2023	08:54
GHL-SS-23	05897-19	BF136862.D	12/30/2023	09:26