

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BM080423 SAS No.: BM080423 SDG No.: BM080423
 Instrument ID: BNA_M Calibration Date/Time: 8/4/2023 12:08:42
 Lab File ID: BM041284.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.696	0.554		-20.402	
Pyridine	1.505	1.337		-11.163	
2-Fluorophenol	1.338	1.169		-12.631	
Benzaldehyde	0.915	0.820		-10.383	
Aniline	2.030	2.002		-1.379	
Phenol-d6	1.735	1.646		-5.13	
Phenol	1.675	1.594		-4.836	20.0
bis(2-Chloroethyl)ether	1.356	1.286		-5.162	
2-Chlorophenol	1.306	1.246		-4.594	
1,2-Dichlorobenzene	1.370	1.305		-4.745	
1,3-Dichlorobenzene	1.422	1.329		-6.54	
1,4-Dichlorobenzene	1.429	1.354		-5.248	20.0
Benzyl Alcohol	1.095	1.229		12.237	
2-Methylphenol	1.145	1.162		1.485	
2,2-oxybis(1-Chloropropane)	1.807	1.547		-14.388	
Acetophenone	0.530	0.499		-5.849	
3+4-Methylphenols	1.530	1.617		5.686	
n-Nitroso-di-n-propylamine	1.054	1.148	0.050	8.918	
Nitrobenzene-d5	0.430	0.393		-8.605	
Hexachloroethane	0.532	0.517		-2.82	
Nitrobenzene	0.435	0.396		-8.966	
Isophorone	0.730	0.771		5.616	
2-Nitrophenol	0.170	0.188		10.588	20.0
2,4-Dimethylphenol	0.299	0.295		-1.338	
bis(2-Chloroethoxy)methane	0.457	0.437		-4.376	
2,4-Dichlorophenol	0.302	0.320		5.96	20.0
1,2,4-Trichlorobenzene	0.333	0.338		1.502	
Benzoic acid	0.198	0.256		29.293	
Naphthalene	1.085	0.996		-8.203	
4-Chloroaniline	0.434	0.452		4.147	
Hexachlorobutadiene	0.200	0.217		8.5	20.0
Caprolactam	0.087	0.108		24.138	
4-Chloro-3-methylphenol	0.318	0.349		9.748	20.0
2-Methylnaphthalene	0.732	0.747		2.049	
Hexachlorocyclopentadiene	0.344	0.243	0.050	-29.36	
2,4,6-Trichlorophenol	0.416	0.437		5.048	20.0
2-Fluorobiphenyl	1.583	1.428		-9.792	
2,4,5-Trichlorophenol	0.482	0.510		5.809	
1,1-Biphenyl	1.621	1.442		-11.043	
2-Chloronaphthalene	1.211	1.098		-9.331	
2-Nitroaniline	0.386	0.382		-1.036	

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dimethylphthalate	1.504	1.540		2.394	
Acenaphthylene	1.954	1.825		-6.602	
2,6-Dinitrotoluene	0.312	0.333		6.731	
3-Nitroaniline	0.326	0.354		8.589	
Acenaphthene	1.177	1.070		-9.091	20.0
2,4-Dinitrophenol	0.180	0.205	0.050	13.889	
4-Nitrophenol	0.260	0.266	0.050	2.308	
Dibenzofuran	1.921	1.810		-5.778	
2,4-Dinitrotoluene	0.402	0.464		15.423	
Diethylphthalate	1.455	1.542		5.979	
4-Chlorophenyl-phenylether	0.759	0.791		4.216	
Fluorene	1.515	1.446		-4.554	
4-Nitroaniline	0.284	0.335		17.958	
4,6-Dinitro-2-methylphenol	0.121	0.126		4.132	
n-Nitrosodiphenylamine	0.622	0.561		-9.807	20.0
Azobenzene	1.594	1.472		-7.654	
2,4,6-Tribromophenol	0.283	0.316		11.661	
4-Bromophenyl-phenylether	0.219	0.221		0.913	
Hexachlorobenzene	0.244	0.243		-0.41	
Atrazine	0.163	0.185		13.497	
Pentachlorophenol	0.169	0.177		4.734	20.0
Phenanthrene	1.111	0.999		-10.081	
Anthracene	1.099	1.029		-6.369	
Carbazole	0.995	0.922		-7.337	
Di-n-butylphthalate	1.124	1.246		10.854	
Fluoranthene	1.248	1.217		-2.484	20.0
Benzidine	0.273	0.371		35.897	
Pyrene	1.399	1.476		5.504	
Terphenyl-d14	1.106	1.200		8.499	
Butylbenzylphthalate	0.511	0.636		24.462	
3,3-Dichlorobenzidine	0.442	0.444		0.452	
Benzo (a) anthracene	1.356	1.344		-0.885	
Chrysene	1.311	1.251		-4.577	
Bis (2-ethylhexyl) phthalate	0.730	0.912		24.932	
Di-n-octyl phthalate	1.291	1.412		9.373	20.0
Benzo (b) fluoranthene	1.188	1.195		0.589	
Benzo (k) fluoranthene	1.215	1.186		-2.387	
Benzo (a) pyrene	1.142	1.121		-1.839	20.0
Indeno (1,2,3-cd) pyrene	1.470	1.268		-13.741	
Dibenzo (a,h) anthracene	1.226	1.072		-12.561	
Benzo (g,h,i) perylene	1.200	1.010		-15.833	



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Instrument ID: BNA_M Calibration Date/Time: 8/4/2023 12:08:42

Lab File ID: BM041284.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
1,2,4,5-Tetrachlorobenzene	0.649	0.628		-3.236	
1,4-Dioxane	0.572	0.440		-23.077	20.0
2,3,4,6-Tetrachlorophenol	0.390	0.419		7.436	
1-Methylnaphthalene	0.685	0.700		2.19	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	8/3/2023 12:00:00 AM
Project:		Date Received:	8/3/2023 12:00:00 AM
Client Sample ID:	PB154620BL	SDG No.:	BM080423
Lab Sample ID:	PB154620BL	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
BM041285.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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:	8/3/2023 12:00:00 AM
Project:		Date Received:	8/3/2023 12:00:00 AM
Client Sample ID:	PB154620BL	SDG No.:	BM080423
Lab Sample ID:	PB154620BL	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
BM041285.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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:	8/3/2023 12:00:00 AM
Project:		Date Received:	8/3/2023 12:00:00 AM
Client Sample ID:	PB154620BL	SDG No.:	BM080423
Lab Sample ID:	PB154620BL	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
BM041285.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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	140.945		10-139		94	SPK: -150
13127-88-3	Phenol-d6	139.825		10-134		93	SPK: -150
4165-60-0	Nitrobenzene-d5	87.634		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	87.307		52-132		87	SPK: -100
118-79-6	2,4,6-Tribromophenol	156.934		32-145		105	SPK: -150
1718-51-0	Terphenyl-d14	117.685		36-145		118	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	144055	7.792				
1146-65-2	Naphthalene-d8	594547	10.598				
15067-26-2	Acenaphthene-d10	392920	14.457				
1517-22-2	Phenanthrene-d10	870596	17.221				
1719-03-5	Chrysene-d12	659402	21.427				
1520-96-3	Perylene-d12	635360	23.803				



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

Report of Analysis

Client:		Date Collected:	8/3/2023 12:00:00 AM
Project:		Date Received:	8/3/2023 12:00:00 AM
Client Sample ID:	PB154620BL	SDG No.:	BM080423
Lab Sample ID:	PB154620BL	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
BM041285.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	10.4	J			18.121	
000057-11-4	Octadecanoic acid	5.3	J			19.403	

Report of Analysis

Client:		Date Collected:	8/1/2023 12:00:00 AM
Project:		Date Received:	8/1/2023 12:00:00 AM
Client Sample ID:	BERGENFIELD-SOIL-COMP	SDG No.:	BM080423
Lab Sample ID:	O3854-02	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
BM041286.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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:	8/1/2023 12:00:00 AM
Project:		Date Received:	8/1/2023 12:00:00 AM
Client Sample ID:	BERGENFIELD-SOIL-COMP	SDG No.:	BM080423
Lab Sample ID:	O3854-02	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
BM041286.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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:	8/1/2023 12:00:00 AM
Project:		Date Received:	8/1/2023 12:00:00 AM
Client Sample ID:	BERGENFIELD-SOIL-COMP	SDG No.:	BM080423
Lab Sample ID:	O3854-02	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
BM041286.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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	115.386		10-139		77	SPK: -150
13127-88-3	Phenol-d6	106.365		10-134		71	SPK: -150
4165-60-0	Nitrobenzene-d5	81.455		49-133		81	SPK: -100
321-60-8	2-Fluorobiphenyl	76.574		52-132		77	SPK: -100
118-79-6	2,4,6-Tribromophenol	159.073		32-145		106	SPK: -150
1718-51-0	Terphenyl-d14	104.614		36-145		105	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	128946	7.792				
1146-65-2	Naphthalene-d8	528731	10.598				
15067-26-2	Acenaphthene-d10	367416	14.463				
1517-22-2	Phenanthrene-d10	924480	17.221				
1719-03-5	Chrysene-d12	791330	21.427				
1520-96-3	Perylene-d12	741562	23.803				



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Report of Analysis

Client:		Date Collected:	8/1/2023 12:00:00 AM
Project:		Date Received:	8/1/2023 12:00:00 AM
Client Sample ID:	BERGENFIELD-SOIL-COMP	SDG No.:	BM080423
Lab Sample ID:	O3854-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
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
BM041286.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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

Client:		Date Collected:	8/1/2023 12:00:00 AM
Project:		Date Received:	8/1/2023 12:00:00 AM
Client Sample ID:	BERGENFIELD-SOIL-COMPMS	SDG No.:	BM080423
Lab Sample ID:	O3854-02MS	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
BM041287.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	340		20.2	80	100	ug/L
110-86-1	Pyridine	290		17.8	40	50	ug/L
100-52-7	Benzaldehyde	280		32.8	80	100	ug/L
62-53-3	Aniline	230		24.2	40	50	ug/L
108-95-2	Phenol	420		14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	420		16.5	40	50	ug/L
95-57-8	2-Chlorophenol	460		13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	450		12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	430		17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	440		14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	540		23.8	80	100	ug/L
95-48-7	2-Methylphenol	450		20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	380		22.6	40	50	ug/L
98-86-2	Acetophenone	420		17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	460		21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	470		19.8	25	25	ug/L
67-72-1	Hexachloroethane	440		16.4	40	50	ug/L
98-95-3	Nitrobenzene	400		17.2	40	50	ug/L
78-59-1	Isophorone	450		17.1	40	50	ug/L
88-75-5	2-Nitrophenol	480		23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	430		29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	420		20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	490		16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	450		17	40	50	ug/L
65-85-0	Benzoic acid	290		66.5	80	100	ug/L
91-20-3	Naphthalene	400		16.9	40	50	ug/L
106-47-8	4-Chloroaniline	72.7		25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	460		19.3	40	50	ug/L
105-60-2	Caprolactam	480		34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	500		17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	420		22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/1/2023 12:00:00 AM
Project:		Date Received:	8/1/2023 12:00:00 AM
Client Sample ID:	BERGENFIELD-SOIL-COMPMS	SDG No.:	BM080423
Lab Sample ID:	O3854-02MS	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
BM041287.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	700		57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	480		15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	460		15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	400		17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	430		15.9	40	50	ug/L
88-74-4	2-Nitroaniline	460		23.7	40	50	ug/L
131-11-3	Dimethylphthalate	470		18.8	40	50	ug/L
208-96-8	Acenaphthylene	430		21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	490		21	40	50	ug/L
99-09-2	3-Nitroaniline	300		23.6	40	50	ug/L
83-32-9	Acenaphthene	410		17.2	40	50	ug/L
Total PAH	Total PAH	6740		309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	520		54.5	80	100	ug/L
100-02-7	4-Nitrophenol	890	E	28	80	100	ug/L
132-64-9	Dibenzofuran	430		15.8	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	490		25.4	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	980		46.4	40	100	ug/L
84-66-2	Diethylphthalate	470		20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	460		22.2	40	50	ug/L
86-73-7	Fluorene	440		20.4	40	50	ug/L
100-01-6	4-Nitroaniline	430		23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	320		18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	400		19.5	40	50	ug/L
103-33-3	Azobenzene	420		16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	440		19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	470		19.1	40	50	ug/L
1912-24-9	Atrazine	590		35	40	50	ug/L
87-86-5	Pentachlorophenol	770		25.5	80	100	ug/L
85-01-8	Phenanthrene	410		20	40	50	ug/L
120-12-7	Anthracene	430		22.8	40	50	ug/L
86-74-8	Carbazole	440		17	40	50	ug/L
84-74-2	Di-n-butylphthalate	490		24	40	50	ug/L
206-44-0	Fluoranthene	460		20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/1/2023 12:00:00 AM
Project:		Date Received:	8/1/2023 12:00:00 AM
Client Sample ID:	BERGENFIELD-SOIL-COMPMS	SDG No.:	BM080423
Lab Sample ID:	O3854-02MS	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
BM041287.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	480		65.8	80	100	ug/L
129-00-0	Pyrene	440		18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	520		28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	280		53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	460		14.5	40	50	ug/L
218-01-9	Chrysene	420		15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	490		29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	520		31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	470		15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	440		18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	410		27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	380		20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	380		19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	360		19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	420		20.6	40	50	ug/L
123-91-1	1,4-Dioxane	290		24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	510		13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	440		20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	112.172		10-139		75	SPK: -150
13127-88-3	Phenol-d6	108.076		10-134		72	SPK: -150
4165-60-0	Nitrobenzene-d5	75.675		49-133		76	SPK: -100
321-60-8	2-Fluorobiphenyl	74.898		52-132		75	SPK: -100
118-79-6	2,4,6-Tribromophenol	143.159		32-145		95	SPK: -150
1718-51-0	Terphenyl-d14	86.775		36-145		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	151197	7.792				
1146-65-2	Naphthalene-d8	641163	10.604				
15067-26-2	Acenaphthene-d10	414947	14.463				
1517-22-2	Phenanthrene-d10	957975	17.221				
1719-03-5	Chrysene-d12	924548	21.433				
1520-96-3	Perylene-d12	936138	23.803				



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Report of Analysis

Client:		Date Collected:	8/1/2023 12:00:00 AM
Project:		Date Received:	8/1/2023 12:00:00 AM
Client Sample ID:	BERGENFIELD-SOIL-COMPMS	SDG No.:	BM080423
Lab Sample ID:	O3854-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
Extraction Type :		Test:	
Injection Volume :		Level :	LOW
		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM041287.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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

Client:		Date Collected:	8/1/2023 12:00:00 AM
Project:		Date Received:	8/1/2023 12:00:00 AM
Client Sample ID:	BERGENFIELD-SOIL-COMPMSD	SDG No.:	BM080423
Lab Sample ID:	O3854-02MSD	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
BM041288.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	360		20.2	80	100	ug/L
110-86-1	Pyridine	300		17.8	40	50	ug/L
100-52-7	Benzaldehyde	310		32.8	80	100	ug/L
62-53-3	Aniline	270		24.2	40	50	ug/L
108-95-2	Phenol	440		14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	440		16.5	40	50	ug/L
95-57-8	2-Chlorophenol	480		13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	470		12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	450		17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	460		14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	580		23.8	80	100	ug/L
95-48-7	2-Methylphenol	480		20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	400		22.6	40	50	ug/L
98-86-2	Acetophenone	440		17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	500		21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	500		19.8	25	25	ug/L
67-72-1	Hexachloroethane	460		16.4	40	50	ug/L
98-95-3	Nitrobenzene	410		17.2	40	50	ug/L
78-59-1	Isophorone	480		17.1	40	50	ug/L
88-75-5	2-Nitrophenol	500		23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	460		29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	440		20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	530		16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	470		17	40	50	ug/L
65-85-0	Benzoic acid	310		66.5	80	100	ug/L
91-20-3	Naphthalene	420		16.9	40	50	ug/L
106-47-8	4-Chloroaniline	83.8		25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	480		19.3	40	50	ug/L
105-60-2	Caprolactam	520		34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	550		17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	450		22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/1/2023 12:00:00 AM
Project:		Date Received:	8/1/2023 12:00:00 AM
Client Sample ID:	BERGENFIELD-SOIL-COMPMSD	SDG No.:	BM080423
Lab Sample ID:	O3854-02MSD	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
BM041288.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	720		57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	500		15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	480		15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	420		17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	440		15.9	40	50	ug/L
88-74-4	2-Nitroaniline	480		23.7	40	50	ug/L
131-11-3	Dimethylphthalate	490		18.8	40	50	ug/L
208-96-8	Acenaphthylene	450		21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	510		21	40	50	ug/L
99-09-2	3-Nitroaniline	310		23.6	40	50	ug/L
83-32-9	Acenaphthene	430		17.2	40	50	ug/L
Total PAH	Total PAH	7070		309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	520		54.5	80	100	ug/L
100-02-7	4-Nitrophenol	920	E	28	80	100	ug/L
132-64-9	Dibenzofuran	450		15.8	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	500		25.4	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1010		46.4	40	100	ug/L
84-66-2	Diethylphthalate	490		20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	480		22.2	40	50	ug/L
86-73-7	Fluorene	460		20.4	40	50	ug/L
100-01-6	4-Nitroaniline	470		23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	330		18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	420		19.5	40	50	ug/L
103-33-3	Azobenzene	440		16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	460		19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	480		19.1	40	50	ug/L
1912-24-9	Atrazine	620		35	40	50	ug/L
87-86-5	Pentachlorophenol	790		25.5	80	100	ug/L
85-01-8	Phenanthrene	430		20	40	50	ug/L
120-12-7	Anthracene	450		22.8	40	50	ug/L
86-74-8	Carbazole	460		17	40	50	ug/L
84-74-2	Di-n-butylphthalate	510		24	40	50	ug/L
206-44-0	Fluoranthene	480		20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/1/2023 12:00:00 AM
Project:		Date Received:	8/1/2023 12:00:00 AM
Client Sample ID:	BERGENFIELD-SOIL-COMPMSD	SDG No.:	BM080423
Lab Sample ID:	O3854-02MSD	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
BM041288.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	540		65.8	80	100	ug/L
129-00-0	Pyrene	460		18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	540		28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	310		53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	470		14.5	40	50	ug/L
218-01-9	Chrysene	440		15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	500		29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	540		31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	500		15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	470		18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	430		27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	400		20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	400		19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	380		19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	440		20.6	40	50	ug/L
123-91-1	1,4-Dioxane	300		24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	530		13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	460		20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	118.019		10-139		79	SPK: -150
13127-88-3	Phenol-d6	115.611		10-134		77	SPK: -150
4165-60-0	Nitrobenzene-d5	79.451		49-133		79	SPK: -100
321-60-8	2-Fluorobiphenyl	77.561		52-132		78	SPK: -100
118-79-6	2,4,6-Tribromophenol	149.455		32-145		100	SPK: -150
1718-51-0	Terphenyl-d14	89.402		36-145		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	138625	7.793				
1146-65-2	Naphthalene-d8	595846	10.598				
15067-26-2	Acenaphthene-d10	398305	14.463				
1517-22-2	Phenanthrene-d10	918504	17.221				
1719-03-5	Chrysene-d12	901231	21.433				
1520-96-3	Perylene-d12	911563	23.803				



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Report of Analysis

Client:		Date Collected:	8/1/2023 12:00:00 AM
Project:		Date Received:	8/1/2023 12:00:00 AM
Client Sample ID:	BERGENFIELD-SOIL-COMPMSD	SDG No.:	BM080423
Lab Sample ID:	O3854-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
Extraction Type :		Test:	
Injection Volume :		Level :	LOW
		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM041288.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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

Client:		Date Collected:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BM080423
Lab Sample ID:	O3877-02	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
BM041289.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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	170		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:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BM080423
Lab Sample ID:	O3877-02	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
BM041289.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BM080423
Lab Sample ID:	O3877-02	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
BM041289.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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	113.87		10-139		76	SPK: -150
13127-88-3	Phenol-d6	105.797		10-134		71	SPK: -150
4165-60-0	Nitrobenzene-d5	79.438		49-133		79	SPK: -100
321-60-8	2-Fluorobiphenyl	75.608		52-132		76	SPK: -100
118-79-6	2,4,6-Tribromophenol	157.949		32-145		105	SPK: -150
1718-51-0	Terphenyl-d14	97.736		36-145		98	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100392	7.792				
1146-65-2	Naphthalene-d8	412351	10.598				
15067-26-2	Acenaphthene-d10	285878	14.457				
1517-22-2	Phenanthrene-d10	765839	17.221				
1719-03-5	Chrysene-d12	752154	21.427				
1520-96-3	Perylene-d12	715816	23.797				



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Report of Analysis

Client:		Date Collected:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BM080423
Lab Sample ID:	O3877-02	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
BM041289.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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

Client:		Date Collected:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	COMP-2	SDG No.:	BM080423
Lab Sample ID:	O3877-05	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
BM041290.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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	130		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:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	COMP-2	SDG No.:	BM080423
Lab Sample ID:	O3877-05	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
BM041290.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	COMP-2	SDG No.:	BM080423
Lab Sample ID:	O3877-05	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
BM041290.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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	116.402		10-139		78	SPK: -150
13127-88-3	Phenol-d6	111.233		10-134		74	SPK: -150
4165-60-0	Nitrobenzene-d5	79.1		49-133		79	SPK: -100
321-60-8	2-Fluorobiphenyl	72.963		52-132		73	SPK: -100
118-79-6	2,4,6-Tribromophenol	155.53		32-145		104	SPK: -150
1718-51-0	Terphenyl-d14	97.451		36-145		97	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	122374	7.792				
1146-65-2	Naphthalene-d8	504873	10.598				
15067-26-2	Acenaphthene-d10	354168	14.457				
1517-22-2	Phenanthrene-d10	925326	17.221				
1719-03-5	Chrysene-d12	863521	21.421				
1520-96-3	Perylene-d12	826853	23.797				



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Report of Analysis

Client:		Date Collected:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	COMP-2	SDG No.:	BM080423
Lab Sample ID:	O3877-05	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
BM041290.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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

Client:		Date Collected:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	COMP-3	SDG No.:	BM080423
Lab Sample ID:	O3877-08	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
BM041291.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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	110		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:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	COMP-3	SDG No.:	BM080423
Lab Sample ID:	O3877-08	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
BM041291.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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	24.4	J	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:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	COMP-3	SDG No.:	BM080423
Lab Sample ID:	O3877-08	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
BM041291.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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	113.029		10-139		75	SPK: -150
13127-88-3	Phenol-d6	104.811		10-134		70	SPK: -150
4165-60-0	Nitrobenzene-d5	80.271		49-133		80	SPK: -100
321-60-8	2-Fluorobiphenyl	74.203		52-132		74	SPK: -100
118-79-6	2,4,6-Tribromophenol	159.03		32-145		106	SPK: -150
1718-51-0	Terphenyl-d14	94.539		36-145		95	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97318	7.792				
1146-65-2	Naphthalene-d8	404841	10.598				
15067-26-2	Acenaphthene-d10	290745	14.457				
1517-22-2	Phenanthrene-d10	767749	17.221				
1719-03-5	Chrysene-d12	812613	21.421				
1520-96-3	Perylene-d12	789583	23.797				



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Report of Analysis

Client:		Date Collected:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	COMP-3	SDG No.:	BM080423
Lab Sample ID:	O3877-08	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
BM041291.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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

Client:		Date Collected:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	MCLEAN-TP6	SDG No.:	BM080423
Lab Sample ID:	O3887-02	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
BM041292.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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	95.5	J	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:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	MCLEAN-TP6	SDG No.:	BM080423
Lab Sample ID:	O3887-02	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
BM041292.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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	25.5	J	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:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	MCLEAN-TP6	SDG No.:	BM080423
Lab Sample ID:	O3887-02	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
BM041292.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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	114.318		10-139		76	SPK: -150
13127-88-3	Phenol-d6	108.18		10-134		72	SPK: -150
4165-60-0	Nitrobenzene-d5	79.956		49-133		80	SPK: -100
321-60-8	2-Fluorobiphenyl	75.965		52-132		76	SPK: -100
118-79-6	2,4,6-Tribromophenol	163.097		32-145		109	SPK: -150
1718-51-0	Terphenyl-d14	95.46		36-145		95	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100007	7.792				
1146-65-2	Naphthalene-d8	421622	10.598				
15067-26-2	Acenaphthene-d10	296266	14.457				
1517-22-2	Phenanthrene-d10	813352	17.215				
1719-03-5	Chrysene-d12	846363	21.421				
1520-96-3	Perylene-d12	833008	23.797				



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Report of Analysis

Client:		Date Collected:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	MCLEAN-TP6	SDG No.:	BM080423
Lab Sample ID:	O3887-02	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
BM041292.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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

Client:		Date Collected:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	MCLEAN-TP2	SDG No.:	BM080423
Lab Sample ID:	O3887-11	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
BM041293.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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	92.7	J	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:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	MCLEAN-TP2	SDG No.:	BM080423
Lab Sample ID:	O3887-11	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
BM041293.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	MCLEAN-TP2	SDG No.:	BM080423
Lab Sample ID:	O3887-11	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
BM041293.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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	109.797		10-139		73	SPK: -150
13127-88-3	Phenol-d6	100.754		10-134		67	SPK: -150
4165-60-0	Nitrobenzene-d5	78.978		49-133		79	SPK: -100
321-60-8	2-Fluorobiphenyl	73.498		52-132		73	SPK: -100
118-79-6	2,4,6-Tribromophenol	151.778		32-145		101	SPK: -150
1718-51-0	Terphenyl-d14	96.622		36-145		97	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	105654	7.792				
1146-65-2	Naphthalene-d8	431171	10.598				
15067-26-2	Acenaphthene-d10	300482	14.457				
1517-22-2	Phenanthrene-d10	790504	17.221				
1719-03-5	Chrysene-d12	797802	21.421				
1520-96-3	Perylene-d12	781043	23.797				



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Report of Analysis

Client:		Date Collected:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	MCLEAN-TP2	SDG No.:	BM080423
Lab Sample ID:	O3887-11	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 :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM041293.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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

Client:		Date Collected:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	MCLEAN-TP9	SDG No.:	BM080423
Lab Sample ID:	O3887-14	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
BM041294.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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	92.2	J	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:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	MCLEAN-TP9	SDG No.:	BM080423
Lab Sample ID:	O3887-14	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
BM041294.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	MCLEAN-TP9	SDG No.:	BM080423
Lab Sample ID:	O3887-14	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
BM041294.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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	113.491		10-139		76	SPK: -150
13127-88-3	Phenol-d6	105.178		10-134		70	SPK: -150
4165-60-0	Nitrobenzene-d5	80.348		49-133		80	SPK: -100
321-60-8	2-Fluorobiphenyl	73.633		52-132		74	SPK: -100
118-79-6	2,4,6-Tribromophenol	156.808		32-145		105	SPK: -150
1718-51-0	Terphenyl-d14	96.648		36-145		97	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	129530	7.792				
1146-65-2	Naphthalene-d8	536546	10.598				
15067-26-2	Acenaphthene-d10	376979	14.457				
1517-22-2	Phenanthrene-d10	999726	17.215				
1719-03-5	Chrysene-d12	982874	21.421				
1520-96-3	Perylene-d12	949178	23.797				



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Report of Analysis

Client:		Date Collected:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	MCLEAN-TP9	SDG No.:	BM080423
Lab Sample ID:	O3887-14	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
BM041294.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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

Client:		Date Collected:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	MCLEAN-TP7	SDG No.:	BM080423
Lab Sample ID:	O3887-05	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
BM041295.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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	88.8	J	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:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	MCLEAN-TP7	SDG No.:	BM080423
Lab Sample ID:	O3887-05	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
BM041295.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	MCLEAN-TP7	SDG No.:	BM080423
Lab Sample ID:	O3887-05	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
BM041295.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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	117.587		10-139		78	SPK: -150
13127-88-3	Phenol-d6	110.115		10-134		73	SPK: -150
4165-60-0	Nitrobenzene-d5	80.035		49-133		80	SPK: -100
321-60-8	2-Fluorobiphenyl	72.597		52-132		73	SPK: -100
118-79-6	2,4,6-Tribromophenol	147.751		32-145		99	SPK: -150
1718-51-0	Terphenyl-d14	99.672		36-145		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	136001	7.792				
1146-65-2	Naphthalene-d8	559986	10.598				
15067-26-2	Acenaphthene-d10	376565	14.457				
1517-22-2	Phenanthrene-d10	926592	17.221				
1719-03-5	Chrysene-d12	833859	21.421				
1520-96-3	Perylene-d12	809984	23.797				



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Report of Analysis

Client:		Date Collected:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	MCLEAN-TP7	SDG No.:	BM080423
Lab Sample ID:	O3887-05	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
Extraction Type :		Test:	
Injection Volume :		Level :	LOW
		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM041295.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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

Client:		Date Collected:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	MCLEAN-TP4	SDG No.:	BM080423
Lab Sample ID:	O3887-08	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
BM041296.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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	87.9	J	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:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	MCLEAN-TP4	SDG No.:	BM080423
Lab Sample ID:	O3887-08	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
BM041296.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	MCLEAN-TP4	SDG No.:	BM080423
Lab Sample ID:	O3887-08	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
BM041296.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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	114.769		10-139		77	SPK: -150
13127-88-3	Phenol-d6	110.535		10-134		74	SPK: -150
4165-60-0	Nitrobenzene-d5	77.997		49-133		78	SPK: -100
321-60-8	2-Fluorobiphenyl	71.047		52-132		71	SPK: -100
118-79-6	2,4,6-Tribromophenol	157.955		32-145		105	SPK: -150
1718-51-0	Terphenyl-d14	93.403		36-145		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	102399	7.792				
1146-65-2	Naphthalene-d8	427073	10.598				
15067-26-2	Acenaphthene-d10	300879	14.457				
1517-22-2	Phenanthrene-d10	822959	17.221				
1719-03-5	Chrysene-d12	849395	21.421				
1520-96-3	Perylene-d12	833944	23.797				



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Report of Analysis

Client:		Date Collected:	8/2/2023 12:00:00 AM
Project:		Date Received:	8/2/2023 12:00:00 AM
Client Sample ID:	MCLEAN-TP4	SDG No.:	BM080423
Lab Sample ID:	O3887-08	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
BM041296.D	1	8/3/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154620

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

Client:		Date Collected:	7/31/2023 12:00:00 AM
Project:		Date Received:	7/31/2023 12:00:00 AM
Client Sample ID:	BUILDING-B-3-(5-10)DL	SDG No.:	BM080423
Lab Sample ID:	O3862-02DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.3
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM041297.D	5	8/2/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	450	U	450	1600	1900	ug/Kg
110-86-1	Pyridine	420	U	420	760	990	ug/Kg
100-52-7	Benzaldehyde	860	U	860	1600	1900	ug/Kg
62-53-3	Aniline	680	U	680	760	990	ug/Kg
108-95-2	Phenol	430	U	430	760	990	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	520	U	520	760	990	ug/Kg
95-57-8	2-Chlorophenol	420	U	420	760	990	ug/Kg
95-50-1	1,2-Dichlorobenzene	480	U	480	760	990	ug/Kg
541-73-1	1,3-Dichlorobenzene	520	U	520	760	990	ug/Kg
106-46-7	1,4-Dichlorobenzene	480	U	480	760	990	ug/Kg
100-51-6	Benzyl Alcohol	580	U	580	1600	1900	ug/Kg
95-48-7	2-Methylphenol	660	U	660	760	990	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	610	U	610	760	990	ug/Kg
98-86-2	Acetophenone	500	U	500	760	990	ug/Kg
65794-96-9	3+4-Methylphenols	630	U	630	1600	1900	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	340	U	340	470	470	ug/Kg
67-72-1	Hexachloroethane	430	U	430	760	990	ug/Kg
98-95-3	Nitrobenzene	440	U	440	760	990	ug/Kg
78-59-1	Isophorone	400	U	400	760	990	ug/Kg
88-75-5	2-Nitrophenol	550	U	550	760	990	ug/Kg
105-67-9	2,4-Dimethylphenol	580	U	580	760	990	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	650	U	650	760	990	ug/Kg
120-83-2	2,4-Dichlorophenol	450	U	450	760	990	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	450	U	450	760	990	ug/Kg
65-85-0	Benzoic acid	1200	U	1200	1600	1900	ug/Kg
91-20-3	Naphthalene	3400	D	470	760	990	ug/Kg
106-47-8	4-Chloroaniline	610	U	610	760	990	ug/Kg
87-68-3	Hexachlorobutadiene	490	U	490	760	990	ug/Kg
105-60-2	Caprolactam	680	U	680	1600	1900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	480	U	480	760	990	ug/Kg
91-57-6	2-Methylnaphthalene	4200	D	550	760	990	ug/Kg

Report of Analysis

Client:		Date Collected:	7/31/2023 12:00:00 AM
Project:		Date Received:	7/31/2023 12:00:00 AM
Client Sample ID:	BUILDING-B-3-(5-10)DL	SDG No.:	BM080423
Lab Sample ID:	O3862-02DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.3
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM041297.D	5	8/2/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	1200	U	1200	1600	1900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	450	U	450	760	990	ug/Kg
95-95-4	2,4,5-Trichlorophenol	510	U	510	760	990	ug/Kg
92-52-4	1,1-Biphenyl	600	JD	530	760	990	ug/Kg
91-58-7	2-Chloronaphthalene	490	U	490	760	990	ug/Kg
88-74-4	2-Nitroaniline	580	U	580	760	990	ug/Kg
131-11-3	Dimethylphthalate	520	U	520	760	990	ug/Kg
208-96-8	Acenaphthylene	1500	D	510	760	990	ug/Kg
606-20-2	2,6-Dinitrotoluene	520	U	520	760	990	ug/Kg
99-09-2	3-Nitroaniline	540	U	540	760	990	ug/Kg
83-32-9	Acenaphthene	1600	D	470	760	990	ug/Kg
Total PAH	Total PAH	27090	D	8360	760	15840	ug/Kg
51-28-5	2,4-Dinitrophenol	1000	U	1000	1600	1900	ug/Kg
100-02-7	4-Nitrophenol	660	U	660	1600	1900	ug/Kg
132-64-9	Dibenzofuran	450	U	450	760	990	ug/Kg
121-14-2	2,4-Dinitrotoluene	580	U	580	760	990	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	100	U	1100	760	1980	ug/Kg
84-66-2	Diethylphthalate	500	U	500	760	990	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	530	U	530	760	990	ug/Kg
86-73-7	Fluorene	2300	D	490	760	990	ug/Kg
100-01-6	4-Nitroaniline	610	U	610	760	990	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	510	U	510	1600	1900	ug/Kg
86-30-6	n-Nitrosodiphenylamine	540	U	540	760	990	ug/Kg
103-33-3	Azobenzene	430	U	430	760	990	ug/Kg
101-55-3	4-Bromophenyl-phenylether	570	U	570	760	990	ug/Kg
118-74-1	Hexachlorobenzene	580	U	580	760	990	ug/Kg
1912-24-9	Atrazine	560	U	560	760	990	ug/Kg
87-86-5	Pentachlorophenol	650	U	650	1600	1900	ug/Kg
85-01-8	Phenanthrene	6100	D	540	760	990	ug/Kg
120-12-7	Anthracene	1400	D	590	760	990	ug/Kg
86-74-8	Carbazole	490	U	490	760	990	ug/Kg
84-74-2	Di-n-butylphthalate	610	U	610	760	990	ug/Kg
206-44-0	Fluoranthene	2400	D	550	760	990	ug/Kg

Report of Analysis

Client:		Date Collected:	7/31/2023 12:00:00 AM
Project:		Date Received:	7/31/2023 12:00:00 AM
Client Sample ID:	BUILDING-B-3-(5-10)DL	SDG No.:	BM080423
Lab Sample ID:	O3862-02DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.3
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM041297.D	5	8/2/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	1100	U	1100	1600	1900	ug/Kg
129-00-0	Pyrene	3900	D	490	760	990	ug/Kg
85-68-7	Butylbenzylphthalate	600	U	600	760	990	ug/Kg
91-94-1	3,3-Dichlorobenzidine	940	U	940	1600	1900	ug/Kg
56-55-3	Benzo(a)anthracene	1300	D	490	760	990	ug/Kg
218-01-9	Chrysene	1300	D	510	760	990	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	670	U	670	760	990	ug/Kg
117-84-0	Di-n-octyl phthalate	720	U	720	1600	1900	ug/Kg
205-99-2	Benzo(b)fluoranthene	890	JD	470	760	990	ug/Kg
207-08-9	Benzo(k)fluoranthene	510	U	510	760	990	ug/Kg
50-32-8	Benzo(a)pyrene	1000	D	550	760	990	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	620	U	620	760	990	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	560	U	560	760	990	ug/Kg
191-24-2	Benzo(g,h,i)perylene	540	U	540	760	990	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	520	U	520	760	990	ug/Kg
123-91-1	1,4-Dioxane	680	U	680	760	990	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	480	U	480	760	990	ug/Kg
90-12-0	1-Methylnaphthalene	6300	D	530	990	990	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	102		18-112		68	SPK: -150
13127-88-3	Phenol-d6	99.83		15-107		67	SPK: -150
4165-60-0	Nitrobenzene-d5	61.225		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	59.545		20-109		60	SPK: -100
118-79-6	2,4,6-Tribromophenol	87.555		10-110		58	SPK: -150
1718-51-0	Terphenyl-d14	69.385		14-112		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	124891	7.792				
1146-65-2	Naphthalene-d8	537399	10.598				
15067-26-2	Acenaphthene-d10	379181	14.457				
1517-22-2	Phenanthrene-d10	885286	17.221				
1719-03-5	Chrysene-d12	872581	21.427				
1520-96-3	Perylene-d12	922182	23.797				



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Report of Analysis

Client:		Date Collected:	7/31/2023 12:00:00 AM
Project:		Date Received:	7/31/2023 12:00:00 AM
Client Sample ID:	BUILDING-B-3-(5-10)DL	SDG No.:	BM080423
Lab Sample ID:	O3862-02DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.3
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
BM041297.D	5	8/2/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154586

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

Client:		Date Collected:	7/24/2023 12:00:00 AM
Project:		Date Received:	7/24/2023 12:00:00 AM
Client Sample ID:	BUILDING-A-10-(0-5)DL	SDG No.:	BM080423
Lab Sample ID:	O3775-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.2
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
BM041298.D	10	7/27/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	860	U	860	3000	3700	ug/Kg
110-86-1	Pyridine	810	U	810	1400	1900	ug/Kg
100-52-7	Benzaldehyde	1600	U	1600	3000	3700	ug/Kg
62-53-3	Aniline	1300	U	1300	1400	1900	ug/Kg
108-95-2	Phenol	830	U	830	1400	1900	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000	U	1000	1400	1900	ug/Kg
95-57-8	2-Chlorophenol	800	U	800	1400	1900	ug/Kg
95-50-1	1,2-Dichlorobenzene	910	U	910	1400	1900	ug/Kg
541-73-1	1,3-Dichlorobenzene	990	U	990	1400	1900	ug/Kg
106-46-7	1,4-Dichlorobenzene	920	U	920	1400	1900	ug/Kg
100-51-6	Benzyl Alcohol	1100	U	1100	3000	3700	ug/Kg
95-48-7	2-Methylphenol	1300	U	1300	1400	1900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200	U	1200	1400	1900	ug/Kg
98-86-2	Acetophenone	970	U	970	1400	1900	ug/Kg
65794-96-9	3+4-Methylphenols	1200	U	1200	3000	3700	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	660	U	660	890	890	ug/Kg
67-72-1	Hexachloroethane	820	U	820	1400	1900	ug/Kg
98-95-3	Nitrobenzene	840	U	840	1400	1900	ug/Kg
78-59-1	Isophorone	760	U	760	1400	1900	ug/Kg
88-75-5	2-Nitrophenol	1100	U	1100	1400	1900	ug/Kg
105-67-9	2,4-Dimethylphenol	1100	U	1100	1400	1900	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200	U	1200	1400	1900	ug/Kg
120-83-2	2,4-Dichlorophenol	870	U	870	1400	1900	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	860	U	860	1400	1900	ug/Kg
65-85-0	Benzoic acid	2400	U	2400	3000	3700	ug/Kg
91-20-3	Naphthalene	2200	D	910	1400	1900	ug/Kg
106-47-8	4-Chloroaniline	1200	U	1200	1400	1900	ug/Kg
87-68-3	Hexachlorobutadiene	940	U	940	1400	1900	ug/Kg
105-60-2	Caprolactam	1300	U	1300	3000	3700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	920	U	920	1400	1900	ug/Kg
91-57-6	2-Methylnaphthalene	1100	JD	1100	1400	1900	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2023 12:00:00 AM
Project:		Date Received:	7/24/2023 12:00:00 AM
Client Sample ID:	BUILDING-A-10-(0-5)DL	SDG No.:	BM080423
Lab Sample ID:	O3775-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.2
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
BM041298.D	10	7/27/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	2300	U	2300	3000	3700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	860	U	860	1400	1900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	980	U	980	1400	1900	ug/Kg
92-52-4	1,1-Biphenyl	1000	U	1000	1400	1900	ug/Kg
91-58-7	2-Chloronaphthalene	940	U	940	1400	1900	ug/Kg
88-74-4	2-Nitroaniline	1100	U	1100	1400	1900	ug/Kg
131-11-3	Dimethylphthalate	990	U	990	1400	1900	ug/Kg
208-96-8	Acenaphthylene	3100	D	980	1400	1900	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000	U	1000	1400	1900	ug/Kg
99-09-2	3-Nitroaniline	1000	U	1000	1400	1900	ug/Kg
83-32-9	Acenaphthene	1000	JD	890	1400	1900	ug/Kg
Total PAH	Total PAH	86100	D	15920	1400	30400	ug/Kg
51-28-5	2,4-Dinitrophenol	2000	U	2000	3000	3700	ug/Kg
100-02-7	4-Nitrophenol	1300	U	1300	3000	3700	ug/Kg
132-64-9	Dibenzofuran	860	U	860	1400	1900	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2100	U	2100	1400	3800	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100	U	1100	1400	1900	ug/Kg
84-66-2	Diethylphthalate	960	U	960	1400	1900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000	U	1000	1400	1900	ug/Kg
86-73-7	Fluorene	2900	D	940	1400	1900	ug/Kg
100-01-6	4-Nitroaniline	1200	U	1200	1400	1900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	980	U	980	3000	3700	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000	U	1000	1400	1900	ug/Kg
103-33-3	Azobenzene	820	U	820	1400	1900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100	U	1100	1400	1900	ug/Kg
118-74-1	Hexachlorobenzene	1100	U	1100	1400	1900	ug/Kg
1912-24-9	Atrazine	1100	U	1100	1400	1900	ug/Kg
87-86-5	Pentachlorophenol	1200	U	1200	3000	3700	ug/Kg
85-01-8	Phenanthrene	10900	D	1000	1400	1900	ug/Kg
120-12-7	Anthracene	3000	D	1100	1400	1900	ug/Kg
86-74-8	Carbazole	950	U	950	1400	1900	ug/Kg
84-74-2	Di-n-butylphthalate	1200	U	1200	1400	1900	ug/Kg
206-44-0	Fluoranthene	10500	D	1100	1400	1900	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2023 12:00:00 AM
Project:		Date Received:	7/24/2023 12:00:00 AM
Client Sample ID:	BUILDING-A-10-(0-5)DL	SDG No.:	BM080423
Lab Sample ID:	O3775-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.2
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
BM041298.D	10	7/27/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	2100	U	2100	3000	3700	ug/Kg
129-00-0	Pyrene	17800	D	930	1400	1900	ug/Kg
85-68-7	Butylbenzylphthalate	1100	U	1100	1400	1900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1800	U	1800	3000	3700	ug/Kg
56-55-3	Benzo(a)anthracene	7100	D	930	1400	1900	ug/Kg
218-01-9	Chrysene	6800	D	970	1400	1900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300	U	1300	1400	1900	ug/Kg
117-84-0	Di-n-octyl phthalate	1400	U	1400	3000	3700	ug/Kg
205-99-2	Benzo(b)fluoranthene	6600	D	890	1400	1900	ug/Kg
207-08-9	Benzo(k)fluoranthene	2000	D	980	1400	1900	ug/Kg
50-32-8	Benzo(a)pyrene	7100	D	1000	1400	1900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2200	D	1200	1400	1900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100	U	1100	1400	1900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2900	D	1000	1400	1900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000	U	1000	1400	1900	ug/Kg
123-91-1	1,4-Dioxane	1300	U	1300	1400	1900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	920	U	920	1400	1900	ug/Kg
90-12-0	1-Methylnaphthalene	2300	D	1000	1900	1900	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	75.12		18-112		50	SPK: -150
13127-88-3	Phenol-d6	75.46		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	45.67		18-107		46	SPK: -100
321-60-8	2-Fluorobiphenyl	48.72		20-109		49	SPK: -100
118-79-6	2,4,6-Tribromophenol	71.45		10-110		48	SPK: -150
1718-51-0	Terphenyl-d14	57.27		14-112		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	152978	7.792				
1146-65-2	Naphthalene-d8	670421	10.598				
15067-26-2	Acenaphthene-d10	445553	14.457				
1517-22-2	Phenanthrene-d10	1065005	17.215				
1719-03-5	Chrysene-d12	993043	21.427				
1520-96-3	Perylene-d12	976330	23.797				



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Report of Analysis

Client:		Date Collected:	7/24/2023 12:00:00 AM
Project:		Date Received:	7/24/2023 12:00:00 AM
Client Sample ID:	BUILDING-A-10-(0-5)DL	SDG No.:	BM080423
Lab Sample ID:	O3775-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.2
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM041298.D	10	7/27/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154462

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

Client:		Date Collected:	7/26/2023 12:00:00 AM
Project:		Date Received:	7/26/2023 12:00:00 AM
Client Sample ID:	BUILDING-A-1-(0-5)DL	SDG No.:	BM080423
Lab Sample ID:	O3815-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.4
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
BM041299.D	10	7/31/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154526

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	800	U	800	2800	3400	ug/Kg
110-86-1	Pyridine	750	U	750	1300	1800	ug/Kg
100-52-7	Benzaldehyde	1500	U	1500	2800	3400	ug/Kg
62-53-3	Aniline	1200	U	1200	1300	1800	ug/Kg
108-95-2	Phenol	770	U	770	1300	1800	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	930	U	930	1300	1800	ug/Kg
95-57-8	2-Chlorophenol	740	U	740	1300	1800	ug/Kg
95-50-1	1,2-Dichlorobenzene	840	U	840	1300	1800	ug/Kg
541-73-1	1,3-Dichlorobenzene	910	U	910	1300	1800	ug/Kg
106-46-7	1,4-Dichlorobenzene	850	U	850	1300	1800	ug/Kg
100-51-6	Benzyl Alcohol	1000	U	1000	2800	3400	ug/Kg
95-48-7	2-Methylphenol	1200	U	1200	1300	1800	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100	U	1100	1300	1800	ug/Kg
98-86-2	Acetophenone	900	U	900	1300	1800	ug/Kg
65794-96-9	3+4-Methylphenols	1100	U	1100	2800	3400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	610	U	610	830	830	ug/Kg
67-72-1	Hexachloroethane	760	U	760	1300	1800	ug/Kg
98-95-3	Nitrobenzene	780	U	780	1300	1800	ug/Kg
78-59-1	Isophorone	700	U	700	1300	1800	ug/Kg
88-75-5	2-Nitrophenol	980	U	980	1300	1800	ug/Kg
105-67-9	2,4-Dimethylphenol	1000	U	1000	1300	1800	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200	U	1200	1300	1800	ug/Kg
120-83-2	2,4-Dichlorophenol	810	U	810	1300	1800	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	800	U	800	1300	1800	ug/Kg
65-85-0	Benzoic acid	2200	U	2200	2800	3400	ug/Kg
91-20-3	Naphthalene	840	U	840	1300	1800	ug/Kg
106-47-8	4-Chloroaniline	1100	U	1100	1300	1800	ug/Kg
87-68-3	Hexachlorobutadiene	870	U	870	1300	1800	ug/Kg
105-60-2	Caprolactam	1200	U	1200	2800	3400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	850	U	850	1300	1800	ug/Kg
91-57-6	2-Methylnaphthalene	980	U	980	1300	1800	ug/Kg

Report of Analysis

Client:		Date Collected:	7/26/2023 12:00:00 AM
Project:		Date Received:	7/26/2023 12:00:00 AM
Client Sample ID:	BUILDING-A-1-(0-5)DL	SDG No.:	BM080423
Lab Sample ID:	O3815-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.4
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
BM041299.D	10	7/31/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154526

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	2200	U	2200	2800	3400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	800	U	800	1300	1800	ug/Kg
95-95-4	2,4,5-Trichlorophenol	910	U	910	1300	1800	ug/Kg
92-52-4	1,1-Biphenyl	940	U	940	1300	1800	ug/Kg
91-58-7	2-Chloronaphthalene	870	U	870	1300	1800	ug/Kg
88-74-4	2-Nitroaniline	1000	U	1000	1300	1800	ug/Kg
131-11-3	Dimethylphthalate	920	U	920	1300	1800	ug/Kg
208-96-8	Acenaphthylene	1600	JD	910	1300	1800	ug/Kg
606-20-2	2,6-Dinitrotoluene	930	U	930	1300	1800	ug/Kg
99-09-2	3-Nitroaniline	970	U	970	1300	1800	ug/Kg
83-32-9	Acenaphthene	830	U	830	1300	1800	ug/Kg
Total PAH	Total PAH	54000	D	14910	1300	28800	ug/Kg
51-28-5	2,4-Dinitrophenol	1900	U	1900	2800	3400	ug/Kg
100-02-7	4-Nitrophenol	1200	U	1200	2800	3400	ug/Kg
132-64-9	Dibenzofuran	790	U	790	1300	1800	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000	U	1000	1300	1800	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	930	U	1930	1300	3600	ug/Kg
84-66-2	Diethylphthalate	890	U	890	1300	1800	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	930	U	930	1300	1800	ug/Kg
86-73-7	Fluorene	1600	JD	880	1300	1800	ug/Kg
100-01-6	4-Nitroaniline	1100	U	1100	1300	1800	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	910	U	910	2800	3400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	960	U	960	1300	1800	ug/Kg
103-33-3	Azobenzene	760	U	760	1300	1800	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000	U	1000	1300	1800	ug/Kg
118-74-1	Hexachlorobenzene	1000	U	1000	1300	1800	ug/Kg
1912-24-9	Atrazine	990	U	990	1300	1800	ug/Kg
87-86-5	Pentachlorophenol	1100	U	1100	2800	3400	ug/Kg
85-01-8	Phenanthrene	6200	D	960	1300	1800	ug/Kg
120-12-7	Anthracene	2800	D	1100	1300	1800	ug/Kg
86-74-8	Carbazole	880	U	880	1300	1800	ug/Kg
84-74-2	Di-n-butylphthalate	1100	U	1100	1300	1800	ug/Kg
206-44-0	Fluoranthene	9500	D	980	1300	1800	ug/Kg

Report of Analysis

Client:		Date Collected:	7/26/2023 12:00:00 AM
Project:		Date Received:	7/26/2023 12:00:00 AM
Client Sample ID:	BUILDING-A-1-(0-5)DL	SDG No.:	BM080423
Lab Sample ID:	O3815-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.4
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
BM041299.D	10	7/31/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154526

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	2000	U	2000	2800	3400	ug/Kg
129-00-0	Pyrene	9100	D	870	1300	1800	ug/Kg
85-68-7	Butylbenzylphthalate	1100	U	1100	1300	1800	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1700	U	1700	2800	3400	ug/Kg
56-55-3	Benzo(a)anthracene	4900	D	870	1300	1800	ug/Kg
218-01-9	Chrysene	4300	D	900	1300	1800	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200	U	1200	1300	1800	ug/Kg
117-84-0	Di-n-octyl phthalate	1300	U	1300	2800	3400	ug/Kg
205-99-2	Benzo(b)fluoranthene	4900	D	830	1300	1800	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400	JD	910	1300	1800	ug/Kg
50-32-8	Benzo(a)pyrene	4400	D	970	1300	1800	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500	JD	1100	1300	1800	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000	U	1000	1300	1800	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1800	D	960	1300	1800	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	920	U	920	1300	1800	ug/Kg
123-91-1	1,4-Dioxane	1200	U	1200	1300	1800	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	860	U	860	1300	1800	ug/Kg
90-12-0	1-Methylnaphthalene	1000	JD	930	1800	1800	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	71.85		18-112		48	SPK: -150
13127-88-3	Phenol-d6	70.82		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	42.69		18-107		43	SPK: -100
321-60-8	2-Fluorobiphenyl	41.73		20-109		42	SPK: -100
118-79-6	2,4,6-Tribromophenol	67.13		10-110		45	SPK: -150
1718-51-0	Terphenyl-d14	44.87		14-112		45	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	136858	7.792				
1146-65-2	Naphthalene-d8	595675	10.598				
15067-26-2	Acenaphthene-d10	391869	14.457				
1517-22-2	Phenanthrene-d10	920988	17.215				
1719-03-5	Chrysene-d12	939772	21.427				
1520-96-3	Perylene-d12	969135	23.797				



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Report of Analysis

Client:		Date Collected:	7/26/2023 12:00:00 AM
Project:		Date Received:	7/26/2023 12:00:00 AM
Client Sample ID:	BUILDING-A-1-(0-5)DL	SDG No.:	BM080423
Lab Sample ID:	O3815-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.4
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
BM041299.D	10	7/31/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154526

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

Client:		Date Collected:	7/31/2023 12:00:00 AM
Project:		Date Received:	7/31/2023 12:00:00 AM
Client Sample ID:	BUILDING-B-17-(0-5)DL	SDG No.:	BM080423
Lab Sample ID:	O3862-03DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.2
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
BM041300.D	10	8/2/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	860	U	860	3000	3700	ug/Kg
110-86-1	Pyridine	800	U	800	1400	1900	ug/Kg
100-52-7	Benzaldehyde	1600	U	1600	3000	3700	ug/Kg
62-53-3	Aniline	1300	U	1300	1400	1900	ug/Kg
108-95-2	Phenol	830	U	830	1400	1900	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000	U	1000	1400	1900	ug/Kg
95-57-8	2-Chlorophenol	800	U	800	1400	1900	ug/Kg
95-50-1	1,2-Dichlorobenzene	910	U	910	1400	1900	ug/Kg
541-73-1	1,3-Dichlorobenzene	980	U	980	1400	1900	ug/Kg
106-46-7	1,4-Dichlorobenzene	910	U	910	1400	1900	ug/Kg
100-51-6	Benzyl Alcohol	1100	U	1100	3000	3700	ug/Kg
95-48-7	2-Methylphenol	1300	U	1300	1400	1900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200	U	1200	1400	1900	ug/Kg
98-86-2	Acetophenone	960	U	960	1400	1900	ug/Kg
65794-96-9	3+4-Methylphenols	1200	U	1200	3000	3700	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	650	U	650	890	890	ug/Kg
67-72-1	Hexachloroethane	820	U	820	1400	1900	ug/Kg
98-95-3	Nitrobenzene	830	U	830	1400	1900	ug/Kg
78-59-1	Isophorone	760	U	760	1400	1900	ug/Kg
88-75-5	2-Nitrophenol	1100	U	1100	1400	1900	ug/Kg
105-67-9	2,4-Dimethylphenol	1100	U	1100	1400	1900	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200	U	1200	1400	1900	ug/Kg
120-83-2	2,4-Dichlorophenol	870	U	870	1400	1900	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	860	U	860	1400	1900	ug/Kg
65-85-0	Benzoic acid	2400	U	2400	3000	3700	ug/Kg
91-20-3	Naphthalene	2000	D	900	1400	1900	ug/Kg
106-47-8	4-Chloroaniline	1200	U	1200	1400	1900	ug/Kg
87-68-3	Hexachlorobutadiene	930	U	930	1400	1900	ug/Kg
105-60-2	Caprolactam	1300	U	1300	3000	3700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	920	U	920	1400	1900	ug/Kg
91-57-6	2-Methylnaphthalene	3400	D	1100	1400	1900	ug/Kg

Report of Analysis

Client:		Date Collected:	7/31/2023 12:00:00 AM
Project:		Date Received:	7/31/2023 12:00:00 AM
Client Sample ID:	BUILDING-B-17-(0-5)DL	SDG No.:	BM080423
Lab Sample ID:	O3862-03DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.2
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
BM041300.D	10	8/2/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	2300	U	2300	3000	3700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	860	U	860	1400	1900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	980	U	980	1400	1900	ug/Kg
92-52-4	1,1-Biphenyl	1000	U	1000	1400	1900	ug/Kg
91-58-7	2-Chloronaphthalene	940	U	940	1400	1900	ug/Kg
88-74-4	2-Nitroaniline	1100	U	1100	1400	1900	ug/Kg
131-11-3	Dimethylphthalate	990	U	990	1400	1900	ug/Kg
208-96-8	Acenaphthylene	2600	D	980	1400	1900	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000	U	1000	1400	1900	ug/Kg
99-09-2	3-Nitroaniline	1000	U	1000	1400	1900	ug/Kg
83-32-9	Acenaphthene	890	U	890	1400	1900	ug/Kg
Total PAH	Total PAH	65400	UD	15800	1400	30400	ug/Kg
51-28-5	2,4-Dinitrophenol	2000	U	2000	3000	3700	ug/Kg
100-02-7	4-Nitrophenol	1300	U	1300	3000	3700	ug/Kg
132-64-9	Dibenzofuran	850	U	850	1400	1900	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100	U	1100	1400	1900	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2100	U	2100	1400	3800	ug/Kg
84-66-2	Diethylphthalate	950	U	950	1400	1900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000	U	1000	1400	1900	ug/Kg
86-73-7	Fluorene	3700	D	940	1400	1900	ug/Kg
100-01-6	4-Nitroaniline	1200	U	1200	1400	1900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	970	U	970	3000	3700	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000	U	1000	1400	1900	ug/Kg
103-33-3	Azobenzene	820	U	820	1400	1900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100	U	1100	1400	1900	ug/Kg
118-74-1	Hexachlorobenzene	1100	U	1100	1400	1900	ug/Kg
1912-24-9	Atrazine	1100	U	1100	1400	1900	ug/Kg
87-86-5	Pentachlorophenol	1200	U	1200	3000	3700	ug/Kg
85-01-8	Phenanthrene	13600	D	1000	1400	1900	ug/Kg
120-12-7	Anthracene	3200	D	1100	1400	1900	ug/Kg
86-74-8	Carbazole	940	U	940	1400	1900	ug/Kg
84-74-2	Di-n-butylphthalate	1200	U	1200	1400	1900	ug/Kg
206-44-0	Fluoranthene	9200	D	1000	1400	1900	ug/Kg

Report of Analysis

Client:		Date Collected:	7/31/2023 12:00:00 AM
Project:		Date Received:	7/31/2023 12:00:00 AM
Client Sample ID:	BUILDING-B-17-(0-5)DL	SDG No.:	BM080423
Lab Sample ID:	O3862-03DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.2
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
BM041300.D	10	8/2/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	2100	U	2100	3000	3700	ug/Kg
129-00-0	Pyrene	11000	D	930	1400	1900	ug/Kg
85-68-7	Butylbenzylphthalate	1100	U	1100	1400	1900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1800	U	1800	3000	3700	ug/Kg
56-55-3	Benzo(a)anthracene	4100	D	930	1400	1900	ug/Kg
218-01-9	Chrysene	3700	D	960	1400	1900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300	U	1300	1400	1900	ug/Kg
117-84-0	Di-n-octyl phthalate	1400	U	1400	3000	3700	ug/Kg
205-99-2	Benzo(b)fluoranthene	3900	D	890	1400	1900	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400	JD	980	1400	1900	ug/Kg
50-32-8	Benzo(a)pyrene	3600	D	1000	1400	1900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500	JD	1200	1400	1900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100	U	1100	1400	1900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1900	D	1000	1400	1900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	990	U	990	1400	1900	ug/Kg
123-91-1	1,4-Dioxane	1300	U	1300	1400	1900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	920	U	920	1400	1900	ug/Kg
90-12-0	1-Methylnaphthalene	3000	D	1000	1900	1900	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.46		18-112		56	SPK: -150
13127-88-3	Phenol-d6	83.65		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	51.78		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	52.69		20-109		53	SPK: -100
118-79-6	2,4,6-Tribromophenol	82.85		10-110		55	SPK: -150
1718-51-0	Terphenyl-d14	56.43		14-112		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	142849	7.793				
1146-65-2	Naphthalene-d8	616753	10.598				
15067-26-2	Acenaphthene-d10	407758	14.457				
1517-22-2	Phenanthrene-d10	957410	17.216				
1719-03-5	Chrysene-d12	956473	21.421				
1520-96-3	Perylene-d12	980253	23.797				



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

Report of Analysis

Client:		Date Collected:	7/31/2023 12:00:00 AM
Project:		Date Received:	7/31/2023 12:00:00 AM
Client Sample ID:	BUILDING-B-17-(0-5)DL	SDG No.:	BM080423
Lab Sample ID:	O3862-03DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM041300.D	10	8/2/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154586

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

Client:		Date Collected:	7/26/2023 12:00:00 AM
Project:		Date Received:	7/26/2023 12:00:00 AM
Client Sample ID:	BUILDING-A-2-(0-5)	SDG No.:	BM080423
Lab Sample ID:	O3815-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.5
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
BM041301.D	50	7/31/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154526

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	4500	U	4500	15700	19200	ug/Kg
110-86-1	Pyridine	4200	U	4200	7600	9900	ug/Kg
100-52-7	Benzaldehyde	8600	U	8600	15700	19200	ug/Kg
62-53-3	Aniline	6800	U	6800	7600	9900	ug/Kg
108-95-2	Phenol	4300	U	4300	7600	9900	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	5200	U	5200	7600	9900	ug/Kg
95-57-8	2-Chlorophenol	4200	U	4200	7600	9900	ug/Kg
95-50-1	1,2-Dichlorobenzene	4800	U	4800	7600	9900	ug/Kg
541-73-1	1,3-Dichlorobenzene	5200	U	5200	7600	9900	ug/Kg
106-46-7	1,4-Dichlorobenzene	4800	U	4800	7600	9900	ug/Kg
100-51-6	Benzyl Alcohol	5800	U	5800	15700	19200	ug/Kg
95-48-7	2-Methylphenol	6600	U	6600	7600	9900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	6100	U	6100	7600	9900	ug/Kg
98-86-2	Acetophenone	5100	U	5100	7600	9900	ug/Kg
65794-96-9	3+4-Methylphenols	6300	U	6300	15700	19200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	3400	U	3400	4700	4700	ug/Kg
67-72-1	Hexachloroethane	4300	U	4300	7600	9900	ug/Kg
98-95-3	Nitrobenzene	4400	U	4400	7600	9900	ug/Kg
78-59-1	Isophorone	4000	U	4000	7600	9900	ug/Kg
88-75-5	2-Nitrophenol	5500	U	5500	7600	9900	ug/Kg
105-67-9	2,4-Dimethylphenol	5800	U	5800	7600	9900	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	6500	U	6500	7600	9900	ug/Kg
120-83-2	2,4-Dichlorophenol	4600	U	4600	7600	9900	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4500	U	4500	7600	9900	ug/Kg
65-85-0	Benzoic acid	12500	U	12500	15700	19200	ug/Kg
91-20-3	Naphthalene	289200	E	4700	7600	9900	ug/Kg
106-47-8	4-Chloroaniline	6100	U	6100	7600	9900	ug/Kg
87-68-3	Hexachlorobutadiene	4900	U	4900	7600	9900	ug/Kg
105-60-2	Caprolactam	6800	U	6800	15700	19200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	4800	U	4800	7600	9900	ug/Kg
91-57-6	2-Methylnaphthalene	163900	E	5500	7600	9900	ug/Kg

Report of Analysis

Client:		Date Collected:	7/26/2023 12:00:00 AM
Project:		Date Received:	7/26/2023 12:00:00 AM
Client Sample ID:	BUILDING-A-2-(0-5)	SDG No.:	BM080423
Lab Sample ID:	O3815-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.5
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
BM041301.D	50	7/31/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154526

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	12200	U	12200	15700	19200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4500	U	4500	7600	9900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	5100	U	5100	7600	9900	ug/Kg
92-52-4	1,1-Biphenyl	27600		5300	7600	9900	ug/Kg
91-58-7	2-Chloronaphthalene	4900	U	4900	7600	9900	ug/Kg
88-74-4	2-Nitroaniline	5800	U	5800	7600	9900	ug/Kg
131-11-3	Dimethylphthalate	5200	U	5200	7600	9900	ug/Kg
208-96-8	Acenaphthylene	59400		5200	7600	9900	ug/Kg
606-20-2	2,6-Dinitrotoluene	5200	U	5200	7600	9900	ug/Kg
99-09-2	3-Nitroaniline	5400	U	5400	7600	9900	ug/Kg
83-32-9	Acenaphthene	27700		4700	7600	9900	ug/Kg
Total PAH	Total PAH	1156700		83700	7600	158400	ug/Kg
51-28-5	2,4-Dinitrophenol	10500	U	10500	15700	19200	ug/Kg
100-02-7	4-Nitrophenol	6600	U	6600	15700	19200	ug/Kg
132-64-9	Dibenzofuran	4900	J	4500	7600	9900	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1000	U	11000	7600	19800	ug/Kg
121-14-2	2,4-Dinitrotoluene	6200	J	5800	7600	9900	ug/Kg
84-66-2	Diethylphthalate	5000	U	5000	7600	9900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	5300	U	5300	7600	9900	ug/Kg
86-73-7	Fluorene	69100		4900	7600	9900	ug/Kg
100-01-6	4-Nitroaniline	6100	U	6100	7600	9900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	5100	U	5100	15700	19200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	5400	U	5400	7600	9900	ug/Kg
103-33-3	Azobenzene	4300	U	4300	7600	9900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	5700	U	5700	7600	9900	ug/Kg
118-74-1	Hexachlorobenzene	5800	U	5800	7600	9900	ug/Kg
1912-24-9	Atrazine	5600	U	5600	7600	9900	ug/Kg
87-86-5	Pentachlorophenol	6500	U	6500	15700	19200	ug/Kg
85-01-8	Phenanthrene	227100	E	5400	7600	9900	ug/Kg
120-12-7	Anthracene	58200		5900	7600	9900	ug/Kg
86-74-8	Carbazole	5000	U	5000	7600	9900	ug/Kg
84-74-2	Di-n-butylphthalate	6100	U	6100	7600	9900	ug/Kg
206-44-0	Fluoranthene	77400		5500	7600	9900	ug/Kg

Report of Analysis

Client:		Date Collected:	7/26/2023 12:00:00 AM
Project:		Date Received:	7/26/2023 12:00:00 AM
Client Sample ID:	BUILDING-A-2-(0-5)	SDG No.:	BM080423
Lab Sample ID:	O3815-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.5
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
BM041301.D	50	7/31/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154526

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	11300	U	11300	15700	19200	ug/Kg
129-00-0	Pyrene	131300		4900	7600	9900	ug/Kg
85-68-7	Butylbenzylphthalate	6000	U	6000	7600	9900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	9400	U	9400	15700	19200	ug/Kg
56-55-3	Benzo(a)anthracene	51700		4900	7600	9900	ug/Kg
218-01-9	Chrysene	46000		5100	7600	9900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	6700	U	6700	7600	9900	ug/Kg
117-84-0	Di-n-octyl phthalate	7200	U	7200	15700	19200	ug/Kg
205-99-2	Benzo(b)fluoranthene	37500		4700	7600	9900	ug/Kg
207-08-9	Benzo(k)fluoranthene	9400	J	5100	7600	9900	ug/Kg
50-32-8	Benzo(a)pyrene	44600		5500	7600	9900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	11800		6200	7600	9900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5600	U	5600	7600	9900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	16300		5400	7600	9900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	5200	U	5200	7600	9900	ug/Kg
123-91-1	1,4-Dioxane	6800	U	6800	7600	9900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4800	U	4800	7600	9900	ug/Kg
90-12-0	1-Methylnaphthalene	119800		5300	9900	9900	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	48.4		18-112		32	SPK: -150
13127-88-3	Phenol-d6	46		15-107		31	SPK: -150
4165-60-0	Nitrobenzene-d5	31.75		18-107		32	SPK: -100
321-60-8	2-Fluorobiphenyl	34.25		20-109		34	SPK: -100
118-79-6	2,4,6-Tribromophenol	47.35		10-110		32	SPK: -150
1718-51-0	Terphenyl-d14	42.5		14-112		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	130755	7.793				
1146-65-2	Naphthalene-d8	563950	10.598				
15067-26-2	Acenaphthene-d10	388162	14.457				
1517-22-2	Phenanthrene-d10	892675	17.222				
1719-03-5	Chrysene-d12	849915	21.427				
1520-96-3	Perylene-d12	814087	23.798				

Report of Analysis

Client:		Date Collected:	7/26/2023 12:00:00 AM
Project:		Date Received:	7/26/2023 12:00:00 AM
Client Sample ID:	BUILDING-A-2-(0-5)	SDG No.:	BM080423
Lab Sample ID:	O3815-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.5
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
BM041301.D	50	7/31/2023 12:00:00 AM	8/4/2023 12:00:00 AM	PB154526

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000673-32-5	Benzene, 1-propynyl-	38900	J			8.322	
000270-82-6	Benzo[c]thiophene	14500	J			10.769	
000575-37-1	Naphthalene, 1,7-dimethyl-	40100	J			13.628	
000573-98-8	Naphthalene, 1,2-dimethyl-	47000	J			13.775	
000571-61-9	Naphthalene, 1,5-dimethyl-	25400	J			13.828	
000581-40-8	Naphthalene, 2,3-dimethyl-	17900	J			14.01	
000643-58-3	1,1-Biphenyl, 2-methyl-	15400	J			15.063	
001730-37-6	9H-Fluorene, 1-methyl-	20300	J			16.516	
000132-65-0	Dibenzothiophene	50100	J			17.033	
067388-11-8	4-Methylnaphtho[1,2-b]thiophene	29900	J			17.798	
031317-07-4	1-Methyldibenzothiophene	25100	J			17.945	
002531-84-2	Phenanthrene, 2-methyl-	61900	J			18.098	
000832-69-9	Phenanthrene, 1-methyl-	56200	J			18.145	
000613-12-7	Anthracene, 2-methyl-	20500	J			18.227	
000203-64-5	4H-Cyclopenta[def]phenanthrene	82200	J			18.292	
000949-41-7	1H-Cyclopropa[l]phenanthrene, 1a,9b-dihydro	30300	J			18.333	
000612-94-2	Naphthalene, 2-phenyl-	28900	J			18.604	
000781-43-1	9,10-Dimethylanthracene	33700	J			19.021	
000192-97-2	Benzo[e]pyrene	34700	J			23.586	

Hit Summary Sheet

SW-846

SDG No.: BM080423

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	BUILDING-A-10-(0-5)DL							
O3775-01DL	BUILDING-A-10-(0-5)D	Solid	1-Methylnaphthalene	2,300.000	D	1000	1900	ug/Kg
O3775-01DL	BUILDING-A-10-(0-5)D	Solid	2-Methylnaphthalene	1,100.000	JD	1100	1900	ug/Kg
O3775-01DL	BUILDING-A-10-(0-5)D	Solid	Acenaphthene	1,000.000	JD	890	1900	ug/Kg
O3775-01DL	BUILDING-A-10-(0-5)D	Solid	Acenaphthylene	3,100.000	D	980	1900	ug/Kg
O3775-01DL	BUILDING-A-10-(0-5)D	Solid	Anthracene	3,000.000	D	1100	1900	ug/Kg
O3775-01DL	BUILDING-A-10-(0-5)D	Solid	Benzo(a)anthracene	7,100.000	D	930	1900	ug/Kg
O3775-01DL	BUILDING-A-10-(0-5)D	Solid	Benzo(a)pyrene	7,100.000	D	1000	1900	ug/Kg
O3775-01DL	BUILDING-A-10-(0-5)D	Solid	Benzo(b)fluoranthene	6,600.000	D	890	1900	ug/Kg
O3775-01DL	BUILDING-A-10-(0-5)D	Solid	Benzo(g,h,i)perylene	2,900.000	D	1000	1900	ug/Kg
O3775-01DL	BUILDING-A-10-(0-5)D	Solid	Benzo(k)fluoranthene	2,000.000	D	980	1900	ug/Kg
O3775-01DL	BUILDING-A-10-(0-5)D	Solid	Chrysene	6,800.000	D	970	1900	ug/Kg
O3775-01DL	BUILDING-A-10-(0-5)D	Solid	Fluoranthene	10,500.000	D	1100	1900	ug/Kg
O3775-01DL	BUILDING-A-10-(0-5)D	Solid	Fluorene	2,900.000	D	940	1900	ug/Kg
O3775-01DL	BUILDING-A-10-(0-5)D	Solid	Indeno(1,2,3-cd)pyrene	2,200.000	D	1200	1900	ug/Kg
O3775-01DL	BUILDING-A-10-(0-5)D	Solid	Naphthalene	2,200.000	D	910	1900	ug/Kg
O3775-01DL	BUILDING-A-10-(0-5)D	Solid	Phenanthrene	10,900.000	D	1000	1900	ug/Kg
O3775-01DL	BUILDING-A-10-(0-5)D	Solid	Pyrene	17,800.000	D	930	1900	ug/Kg
O3775-01DL	BUILDING-A-10-(0-5)D	Solid	Total PAH	86,100.000	D	15920	30400	ug/Kg

Total Svoc :

175,600.00

Total Concentration:

175,600.00

Client ID : BUILDING-A-1-(0-5)DL

O3815-01DL	BUILDING-A-1-(0-5)DL	Solid	1-Methylnaphthalene	1,000.000	JD	930	1800	ug/Kg
O3815-01DL	BUILDING-A-1-(0-5)DL	Solid	Acenaphthylene	1,600.000	JD	910	1800	ug/Kg
O3815-01DL	BUILDING-A-1-(0-5)DL	Solid	Anthracene	2,800.000	D	1100	1800	ug/Kg
O3815-01DL	BUILDING-A-1-(0-5)DL	Solid	Benzo(a)anthracene	4,900.000	D	870	1800	ug/Kg
O3815-01DL	BUILDING-A-1-(0-5)DL	Solid	Benzo(a)pyrene	4,400.000	D	970	1800	ug/Kg
O3815-01DL	BUILDING-A-1-(0-5)DL	Solid	Benzo(b)fluoranthene	4,900.000	D	830	1800	ug/Kg
O3815-01DL	BUILDING-A-1-(0-5)DL	Solid	Benzo(g,h,i)perylene	1,800.000	D	960	1800	ug/Kg
O3815-01DL	BUILDING-A-1-(0-5)DL	Solid	Benzo(k)fluoranthene	1,400.000	JD	910	1800	ug/Kg
O3815-01DL	BUILDING-A-1-(0-5)DL	Solid	Chrysene	4,300.000	D	900	1800	ug/Kg
O3815-01DL	BUILDING-A-1-(0-5)DL	Solid	Fluoranthene	9,500.000	D	980	1800	ug/Kg
O3815-01DL	BUILDING-A-1-(0-5)DL	Solid	Fluorene	1,600.000	JD	880	1800	ug/Kg
O3815-01DL	BUILDING-A-1-(0-5)DL	Solid	Indeno(1,2,3-cd)pyrene	1,500.000	JD	1100	1800	ug/Kg
O3815-01DL	BUILDING-A-1-(0-5)DL	Solid	Phenanthrene	6,200.000	D	960	1800	ug/Kg
O3815-01DL	BUILDING-A-1-(0-5)DL	Solid	Pyrene	9,100.000	D	870	1800	ug/Kg
O3815-01DL	BUILDING-A-1-(0-5)DL	Solid	Total PAH	54,000.000	D	14910	28800	ug/Kg

Total Svoc :

109,000.00

Total Concentration:

109,000.00

Hit Summary Sheet SW-846

SDG No.: BM080423

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	BUILDING-A-2-(0-5)							
O3815-02	BUILDING-A-2-(0-5)	Solid	1,1-Biphenyl, 2-methyl-	*	15,400.000	J		
O3815-02	BUILDING-A-2-(0-5)	Solid	1-Methyldibenzothiophene	*	25,100.000	J		
O3815-02	BUILDING-A-2-(0-5)	Solid	1H-Cyclopropa[1]phenanthrene, 1a	*	30,300.000	J		
O3815-02	BUILDING-A-2-(0-5)	Solid	4-Methylnaphtho[1,2-b]thiophene	*	29,900.000	J		
O3815-02	BUILDING-A-2-(0-5)	Solid	4H-Cyclopenta[def]phenanthrene	*	82,200.000	J		
O3815-02	BUILDING-A-2-(0-5)	Solid	9,10-Dimethylanthracene	*	33,700.000	J		
O3815-02	BUILDING-A-2-(0-5)	Solid	9H-Fluorene, 1-methyl-	*	20,300.000	J		
O3815-02	BUILDING-A-2-(0-5)	Solid	Anthracene, 2-methyl-	*	20,500.000	J		
O3815-02	BUILDING-A-2-(0-5)	Solid	Benzene, 1-propynyl-	*	38,900.000	J		
O3815-02	BUILDING-A-2-(0-5)	Solid	Benzo[c]thiophene	*	14,500.000	J		
O3815-02	BUILDING-A-2-(0-5)	Solid	Benzo[e]pyrene	*	34,700.000	J		
O3815-02	BUILDING-A-2-(0-5)	Solid	Dibenzothiophene	*	50,100.000	J		
O3815-02	BUILDING-A-2-(0-5)	Solid	Naphthalene, 1,2-dimethyl-	*	47,000.000	J		
O3815-02	BUILDING-A-2-(0-5)	Solid	Naphthalene, 1,5-dimethyl-	*	25,400.000	J		
O3815-02	BUILDING-A-2-(0-5)	Solid	Naphthalene, 1,7-dimethyl-	*	40,100.000	J		
O3815-02	BUILDING-A-2-(0-5)	Solid	Naphthalene, 2,3-dimethyl-	*	17,900.000	J		
O3815-02	BUILDING-A-2-(0-5)	Solid	Naphthalene, 2-phenyl-	*	28,900.000	J		
O3815-02	BUILDING-A-2-(0-5)	Solid	Phenanthrene, 1-methyl-	*	56,200.000	J		
O3815-02	BUILDING-A-2-(0-5)	Solid	Phenanthrene, 2-methyl-	*	61,900.000	J		
Total Tics :				673,000.00				
O3815-02	BUILDING-A-2-(0-5)	Solid	1,1-Biphenyl		27,600.000		5300	9900 ug/Kg
O3815-02	BUILDING-A-2-(0-5)	Solid	1-Methylnaphthalene		119,800.000		5300	9900 ug/Kg
O3815-02	BUILDING-A-2-(0-5)	Solid	2,4-Dinitrotoluene		6,200.000	J	5800	9900 ug/Kg
O3815-02	BUILDING-A-2-(0-5)	Solid	2-Methylnaphthalene		163,900.000	E	5500	9900 ug/Kg
O3815-02	BUILDING-A-2-(0-5)	Solid	Acenaphthene		27,700.000		4700	9900 ug/Kg
O3815-02	BUILDING-A-2-(0-5)	Solid	Acenaphthylene		59,400.000		5200	9900 ug/Kg
O3815-02	BUILDING-A-2-(0-5)	Solid	Anthracene		58,200.000		5900	9900 ug/Kg
O3815-02	BUILDING-A-2-(0-5)	Solid	Benzo(a)anthracene		51,700.000		4900	9900 ug/Kg
O3815-02	BUILDING-A-2-(0-5)	Solid	Benzo(a)pyrene		44,600.000		5500	9900 ug/Kg
O3815-02	BUILDING-A-2-(0-5)	Solid	Benzo(b)fluoranthene		37,500.000		4700	9900 ug/Kg
O3815-02	BUILDING-A-2-(0-5)	Solid	Benzo(g,h,i)perylene		16,300.000		5400	9900 ug/Kg
O3815-02	BUILDING-A-2-(0-5)	Solid	Benzo(k)fluoranthene		9,400.000	J	5100	9900 ug/Kg
O3815-02	BUILDING-A-2-(0-5)	Solid	Chrysene		46,000.000		5100	9900 ug/Kg
O3815-02	BUILDING-A-2-(0-5)	Solid	Dibenzofuran		4,900.000	J	4500	9900 ug/Kg
O3815-02	BUILDING-A-2-(0-5)	Solid	Fluoranthene		77,400.000		5500	9900 ug/Kg
O3815-02	BUILDING-A-2-(0-5)	Solid	Fluorene		69,100.000		4900	9900 ug/Kg
O3815-02	BUILDING-A-2-(0-5)	Solid	Indeno(1,2,3-cd)pyrene		11,800.000		6200	9900 ug/Kg
O3815-02	BUILDING-A-2-(0-5)	Solid	Naphthalene		289,200.000	E	4700	9900 ug/Kg
O3815-02	BUILDING-A-2-(0-5)	Solid	Phenanthrene		227,100.000	E	5400	9900 ug/Kg
O3815-02	BUILDING-A-2-(0-5)	Solid	Pyrene		131,300.000		4900	9900 ug/Kg
O3815-02	BUILDING-A-2-(0-5)	Solid	Total PAH		1,156,700.000		83700	158400 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM080423

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
O3877-02	COMP-1	water	Benzoic acid	170.000		66.5	100	ug/L
			Total Svoc :			170.00		
			Total Concentration:			170.00		
Client ID : COMP-2								
O3877-05	COMP-2	water	Benzoic acid	130.000		66.5	100	ug/L
			Total Svoc :			130.00		
			Total Concentration:			130.00		
Client ID : COMP-3								
O3877-08	COMP-3	water	Benzoic acid	110.000		66.5	100	ug/L
O3877-08	COMP-3	water	Dimethylphthalate	24.400	J	18.8	50	ug/L
			Total Svoc :			134.40		
			Total Concentration:			134.40		
Client ID : MCLEAN-TP6								
O3887-02	MCLEAN-TP6	water	Benzoic acid	95.500	J	66.5	100	ug/L
O3887-02	MCLEAN-TP6	water	Dimethylphthalate	25.500	J	18.8	50	ug/L
			Total Svoc :			121.00		
			Total Concentration:			121.00		
Client ID : MCLEAN-TP7								
O3887-05	MCLEAN-TP7	water	Benzoic acid	88.800	J	66.5	100	ug/L
			Total Svoc :			88.80		
			Total Concentration:			88.80		
Client ID : MCLEAN-TP4								
O3887-08	MCLEAN-TP4	water	Benzoic acid	87.900	J	66.5	100	ug/L
			Total Svoc :			87.90		
			Total Concentration:			87.90		
Client ID : MCLEAN-TP2								
O3887-11	MCLEAN-TP2	water	Benzoic acid	92.700	J	66.5	100	ug/L
			Total Svoc :			92.70		
			Total Concentration:			92.70		
Client ID : MCLEAN-TP9								
O3887-14	MCLEAN-TP9	water	Benzoic acid	92.200	J	66.5	100	ug/L
			Total Svoc :			92.20		
			Total Concentration:			92.20		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BM072823

SAS No.: BM072823

SDG No.: BM072823

Instrument ID:

Calibration Date(s): 7/28/2023

Calibration Time(s): 10:14

LAB FILE ID:		RRF2.5 = BM041158.D			RRF005 = BM041159.D		RRF010 = BM041160.D	
		RRF020 = BM041161.D			RRF040 = BM041162.D		RRF050 = BM041163.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.696	0.712	0.741	0.705	0.665	0.696	4.0
Pyridine		1.372	1.497	1.610	1.565	1.488	1.505	5.1
2-Fluorophenol		1.294	1.392	1.395	1.361	1.305	1.338	3.6
Benzaldehyde			1.086	1.006	0.883	0.795	0.915	13.9
Aniline		1.995	2.050	2.173	2.060	1.966	2.030	3.8
Phenol-d6		1.706	1.763	1.842	1.752	1.678	1.735	3.6
Phenol		1.664	1.717	1.775	1.684	1.612	1.675	3.8
bis(2-Chloroethyl)ether		1.354	1.416	1.443	1.366	1.283	1.356	4.6
2-Chlorophenol		1.342	1.345	1.385	1.313	1.247	1.306	4.4
1,2-Dichlorobenzene		1.444	1.444	1.440	1.363	1.301	1.370	5.5
1,3-Dichlorobenzene		1.462	1.495	1.508	1.416	1.353	1.422	5.0
1,4-Dichlorobenzene		1.487	1.501	1.500	1.418	1.363	1.429	4.8
Benzyl Alcohol		1.115	1.002	1.114	1.109	1.087	1.095	4.2
2-Methylphenol		1.152	1.136	1.217	1.165	1.103	1.145	3.8
2,2-oxybis(1-Chloropropane)		1.909	1.876	1.941	1.807	1.699	1.807	6.1
Acetophenone		0.511	0.513	0.545	0.539	0.521	0.530	2.8
3+4-Methylphenols		1.453	1.524	1.643	1.562	1.489	1.530	4.4
n-Nitroso-di-n-propylamine	1.022	1.024	1.037	1.140	1.082	1.029	1.054	4.5
Nitrobenzene-d5		0.395	0.420	0.442	0.442	0.429	0.430	4.2
Hexachloroethane		0.538	0.531	0.560	0.544	0.514	0.532	3.5
Nitrobenzene		0.409	0.430	0.449	0.446	0.428	0.435	3.3
Isophorone		0.653	0.682	0.752	0.752	0.731	0.730	6.4
2-Nitrophenol		0.139	0.148	0.169	0.180	0.177	0.170	11.4
2,4-Dimethylphenol		0.271	0.290	0.309	0.309	0.298	0.299	4.8
bis(2-Chloroethoxy)methane		0.433	0.448	0.474	0.469	0.447	0.457	3.4
2,4-Dichlorophenol		0.262	0.285	0.312	0.313	0.303	0.302	7.0
1,2,4-Trichlorobenzene		0.324	0.328	0.338	0.336	0.328	0.333	2.1
Benzoic acid			0.118	0.167	0.205	0.213	0.198	24.3
Naphthalene		1.089	1.087	1.118	1.089	1.048	1.085	2.1
4-Chloroaniline		0.389	0.418	0.443	0.446	0.431	0.434	5.7
Hexachlorobutadiene		0.196	0.192	0.204	0.204	0.197	0.200	2.6
Caprolactam			0.071	0.082	0.089	0.088	0.087	11.3
4-Chloro-3-methylphenol		0.287	0.297	0.325	0.326	0.318	0.318	6.1
2-Methylnaphthalene		0.707	0.716	0.751	0.737	0.712	0.732	2.9
Hexachlorocyclopentadiene			0.266	0.320	0.361	0.357	0.344	13.1
2,4,6-Trichlorophenol		0.353	0.390	0.425	0.434	0.421	0.416	8.1

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.: BM072823

SAS No.: BM072823

SDG No.: BM072823

Instrument ID:

Calibration Date(s): 7/28/2023 :

Calibration Time(s): 10:14

LAB FILE ID:		RRF2.5 = BM041158.D			RRF005 = BM041159.D		RRF010 = BM041160.D	
		RRF020 = BM041161.D			RRF040 = BM041162.D		RRF050 = BM041163.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.537	1.543	1.618	1.622	1.552	1.583	2.4
2,4,5-Trichlorophenol		0.414	0.455	0.490	0.497	0.489	0.482	7.4
1,1-Biphenyl		1.568	1.603	1.667	1.648	1.585	1.621	2.3
2-Chloronaphthalene		1.172	1.200	1.240	1.230	1.182	1.211	2.2
2-Nitroaniline		0.296	0.330	0.387	0.415	0.406	0.386	13.8
Dimethylphthalate		1.429	1.464	1.532	1.524	1.477	1.504	3.5
Acenaphthylene		1.783	1.890	2.017	2.018	1.930	1.954	4.7
2,6-Dinitrotoluene		0.261	0.289	0.318	0.325	0.317	0.312	8.9
3-Nitroaniline		0.231	0.276	0.332	0.354	0.346	0.326	16.4
Acenaphthene		1.139	1.153	1.204	1.193	1.153	1.177	2.4
2,4-Dinitrophenol			0.118	0.163	0.187	0.189	0.180	19.8
4-Nitrophenol			0.191	0.246	0.269	0.266	0.260	14.6
Dibenzofuran		1.880	1.907	1.969	1.936	1.865	1.921	2.2
2,4-Dinitrotoluene		0.283	0.341	0.408	0.430	0.427	0.402	16.6
Diethylphthalate		1.349	1.387	1.463	1.480	1.444	1.455	5.1
4-Chlorophenyl-phenylether		0.694	0.721	0.766	0.775	0.753	0.759	5.5
Fluorene		1.449	1.458	1.548	1.533	1.487	1.515	3.4
4-Nitroaniline		0.166	0.215	0.273	0.313	0.322	0.284	24.8
4,6-Dinitro-2-methylphenol			0.089	0.114	0.127	0.126	0.121	14.7
n-Nitrosodiphenylamine		0.578	0.606	0.636	0.644	0.614	0.622	3.9
Azobenzene		1.364	1.505	1.650	1.666	1.610	1.594	7.6
2,4,6-Tribromophenol		0.241	0.258	0.285	0.292	0.286	0.283	9.0
4-Bromophenyl-phenylether		0.200	0.209	0.222	0.225	0.220	0.219	5.1
Hexachlorobenzene		0.234	0.238	0.246	0.247	0.239	0.244	2.8
Atrazine		0.151	0.164	0.171	0.169	0.164	0.163	4.1
Pentachlorophenol		0.132	0.150	0.168	0.180	0.176	0.169	12.5
Phenanthrene		1.081	1.102	1.122	1.126	1.083	1.111	2.1
Anthracene		0.981	1.047	1.115	1.142	1.092	1.099	6.0
Carbazole		0.870	0.952	1.005	1.039	1.001	0.995	6.5
Di-n-butylphthalate		0.892	0.992	1.099	1.196	1.180	1.124	12.5
Fluoranthene		1.111	1.191	1.239	1.285	1.253	1.248	6.3
Benzidine		0.214	0.253	0.243	0.331	0.287	0.273	14.1
Pyrene		1.339	1.317	1.445	1.432	1.388	1.399	3.8
Terphenyl-d14		1.023	1.028	1.125	1.146	1.120	1.106	5.4
Butylbenzylphthalate		0.385	0.432	0.504	0.550	0.550	0.511	14.8
3,3-Dichlorobenzidine		0.350	0.407	0.448	0.476	0.458	0.442	10.9

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM072823

SAS No.: BM072823

SDG No.: BM072823

Instrument ID: _____

Calibration Date(s): 7/28/2023 : _____

Calibration Time(s): 10:14 _____

LAB FILE ID:		RRF2.5 = BM041158.D			RRF005 = BM041159.D		RRF010 = BM041160.D	
		RRF020 = BM041161.D			RRF040 = BM041162.D		RRF050 = BM041163.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.253	1.301	1.389	1.390	1.351	1.356	4.3
Chrysene		1.269	1.286	1.339	1.322	1.282	1.311	2.6
Bis(2-ethylhexyl)phthalate		0.511	0.613	0.712	0.794	0.798	0.730	17.5
Di-n-octyl phthalate			1.040	1.185	1.335	1.340	1.291	12.0
Benzo(b)fluoranthene		1.097	1.138	1.180	1.211	1.192	1.188	4.8
Benzo(k)fluoranthene		1.096	1.139	1.243	1.291	1.211	1.215	5.9
Benzo(a)pyrene		1.014	1.059	1.149	1.189	1.164	1.142	6.7
Indeno(1,2,3-cd)pyrene		1.322	1.387	1.477	1.519	1.482	1.470	5.9
Dibenzo(a,h)anthracene		1.081	1.153	1.221	1.266	1.245	1.226	6.9
Benzo(g,h,i)perylene		1.126	1.161	1.219	1.234	1.187	1.200	3.7
1,2,4,5-Tetrachlorobenzene		0.611	0.637	0.663	0.661	0.644	0.649	3.2
1,4-Dioxane		0.598	0.607	0.601	0.572	0.543	0.572	5.5
2,3,4,6-Tetrachlorophenol		0.355	0.367	0.398	0.397	0.390	0.390	5.6
1-Methylnaphthalene		0.673	0.670	0.701	0.689	0.666	0.685	2.5

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.: BM080423 SAS No.: BM080423 SDG NO.: BM080423EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 4 2023 12:00AMLab File ID: BM041162.D Time Analyzed: 09:18Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	195180	7.804	706103	10.62	380278	14.47
	UPPER LIMIT	390360	8.304	1412206	11.116	760556	14.974
	LOWER LIMIT	97590	7.304	353051.5	10.116	190139	13.974
	EPA SAMPLE NO.						
01	PB154620BL	144055	7.79	594547	10.60	392920	14.46
02	BERGENFIELD-SOIL-COMP	128946	7.79	528731	10.60	367416	14.46
03	BERGENFIELD-SOIL-COMPMS	151197	7.79	641163	10.60	414947	14.46
04	BERGENFIELD-SOIL-COMPMSD	138625	7.79	595846	10.60	398305	14.46
05	COMP-1	100392	7.79	412351	10.60	285878	14.46
06	COMP-2	122374	7.79	504873	10.60	354168	14.46
07	COMP-3	97318 *	7.79	404841	10.60	290745	14.46
08	MCLEAN-TP6	100007	7.79	421622	10.60	296266	14.46
09	MCLEAN-TP2	105654	7.79	431171	10.60	300482	14.46
10	MCLEAN-TP9	129530	7.79	536546	10.60	376979	14.46
11	MCLEAN-TP7	136001	7.79	559986	10.60	376565	14.46
12	MCLEAN-TP4	102399	7.79	427073	10.60	300879	14.46
13	BUILDING-B-3- (5-10) DL	124891	7.79	537399	10.60	379181	14.46
14	BUILDING-A-10- (0-5) DL	152978	7.79	670421	10.60	445553	14.46
15	BUILDING-A-1- (0-5) DL	136858	7.79	595675	10.60	391869	14.46
16	BUILDING-B-17- (0-5) DL	142849	7.79	616753	10.60	407758	14.46
17	BUILDING-A-2- (0-5)	130755	7.79	563950	10.60	388162	14.46

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM080423 SAS No.: BM080423 SDG NO.: BM080423

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 4 2023 12:00AM

Lab File ID: BM041162.D Time Analyzed: 19:15

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	195180	7.804	706103	10.62	380278	14.47
UPPER LIMIT	390360	8.304	1412206	11.116	760556	14.974
LOWER LIMIT	97590	7.304	353051.5	10.116	190139	13.974
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.: BM080423 SAS No.: BM080423 SDG NO.: BM080423EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 4 2023 12:00AMLab File ID: BM041284.D Time Analyzed: 09:18Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	160324	7.792	659067	10.60	430167	14.46
	UPPER LIMIT	320648	8.292	1318134	11.098	860334	14.963
	LOWER LIMIT	80162	7.292	329533.5	10.098	215083.5	13.963
	EPA SAMPLE NO.						
01	PB154620BL	144055	7.79	594547	10.60	392920	14.46
02	BERGENFIELD-SOIL-COMP	128946	7.79	528731	10.60	367416	14.46
03	BERGENFIELD-SOIL-COMPMS	151197	7.79	641163	10.60	414947	14.46
04	BERGENFIELD-SOIL-COMPMSD	138625	7.79	595846	10.60	398305	14.46
05	COMP-1	100392	7.79	412351	10.60	285878	14.46
06	COMP-2	122374	7.79	504873	10.60	354168	14.46
07	COMP-3	97318	7.79	404841	10.60	290745	14.46
08	MCLEAN-TP6	100007	7.79	421622	10.60	296266	14.46
09	MCLEAN-TP2	105654	7.79	431171	10.60	300482	14.46
10	MCLEAN-TP9	129530	7.79	536546	10.60	376979	14.46
11	MCLEAN-TP7	136001	7.79	559986	10.60	376565	14.46
12	MCLEAN-TP4	102399	7.79	427073	10.60	300879	14.46
13	BUILDING-B-3- (5-10) DL	124891	7.79	537399	10.60	379181	14.46
14	BUILDING-A-10- (0-5) DL	152978	7.79	670421	10.60	445553	14.46
15	BUILDING-A-1- (0-5) DL	136858	7.79	595675	10.60	391869	14.46
16	BUILDING-B-17- (0-5) DL	142849	7.79	616753	10.60	407758	14.46
17	BUILDING-A-2- (0-5)	130755	7.79	563950	10.60	388162	14.46

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM080423 SAS No.: BM080423 SDG NO.: BM080423

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 4 2023 12:00AM

Lab File ID: BM041284.D Time Analyzed: 19:15

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	160324	7.792	659067	10.60	430167	14.46
UPPER LIMIT	320648	8.292	1318134	11.098	860334	14.963
LOWER LIMIT	80162	7.292	329533.5	10.098	215083.5	13.963
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.: BM080423 SAS No.: BM080423 SDG NO.: BM080423

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 4 2023 12:00AM

Lab File ID: BM041162.D Time Analyzed: 09:18

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	753520	17.227	710612	21.433	769838	23.803
UPPER LIMIT	1507040	17.727	1421224	21.933	1539676	24.303
LOWER LIMIT	376760	16.727	355306	20.933	384919	23.303
EPA SAMPLE NO.						
01 PB154620BL	870596	17.22	659402	21.43	635360	23.80
02 BERGENFIELD-SOIL-COMP	924480	17.22	791330	21.43	741562	23.80
03 BERGENFIELD-SOIL-COMPMS	957975	17.22	924548	21.43	936138	23.80
04 BERGENFIELD-SOIL-COMPMSD	918504	17.22	901231	21.43	911563	23.80
05 COMP-1	765839	17.22	752154	21.43	715816	23.80
06 COMP-2	925326	17.22	863521	21.42	826853	23.80
07 COMP-3	767749	17.22	812613	21.42	789583	23.80
08 MCLEAN-TP6	813352	17.22	846363	21.42	833008	23.80
09 MCLEAN-TP2	790504	17.22	797802	21.42	781043	23.80
10 MCLEAN-TP9	999726	17.22	982874	21.42	949178	23.80
11 MCLEAN-TP7	926592	17.22	833859	21.42	809984	23.80
12 MCLEAN-TP4	822959	17.22	849395	21.42	833944	23.80
13 BUILDING-B-3- (5-10) DL	885286	17.22	872581	21.43	922182	23.80
14 BUILDING-A-10- (0-5) DL	1.06501	17.22	993043	21.43	976330	23.80
15 BUILDING-A-1- (0-5) DL	920988	17.22	939772	21.43	969135	23.80
16 BUILDING-B-17- (0-5) DL	957410	17.22	956473	21.42	980253	23.80
17 BUILDING-A-2- (0-5)	892675	17.22	849915	21.43	814087	23.80

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM080423 SAS No.: BM080423 SDG NO.: BM080423

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 4 2023 12:00AM

Lab File ID: BM041162.D Time Analyzed: 19:15

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	753520	17.227	710612	21.433	769838	23.803
UPPER LIMIT	1507040	17.727	1421224	21.933	1539676	24.303
LOWER LIMIT	376760	16.727	355306	20.933	384919	23.303
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.: BM080423 SAS No.: BM080423 SDG NO.: BM080423

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 4 2023 12:00AM

Lab File ID: BM041284.D Time Analyzed: 09:18

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	965460	17.221	805885	21.433	768475	23.803
UPPER LIMIT	1930920	17.721	1611770	21.933	1536950	24.303
LOWER LIMIT	482730	16.721	402942.5	20.933	384237.5	23.303
EPA SAMPLE NO.						
01 PB154620BL	870596	17.22	659402	21.43	635360	23.80
02 BERGENFIELD-SOIL-COMP	924480	17.22	791330	21.43	741562	23.80
03 BERGENFIELD-SOIL-COMPMS	957975	17.22	924548	21.43	936138	23.80
04 BERGENFIELD-SOIL-COMPMSD	918504	17.22	901231	21.43	911563	23.80
05 COMP-1	765839	17.22	752154	21.43	715816	23.80
06 COMP-2	925326	17.22	863521	21.42	826853	23.80
07 COMP-3	767749	17.22	812613	21.42	789583	23.80
08 MCLEAN-TP6	813352	17.22	846363	21.42	833008	23.80
09 MCLEAN-TP2	790504	17.22	797802	21.42	781043	23.80
10 MCLEAN-TP9	999726	17.22	982874	21.42	949178	23.80
11 MCLEAN-TP7	926592	17.22	833859	21.42	809984	23.80
12 MCLEAN-TP4	822959	17.22	849395	21.42	833944	23.80
13 BUILDING-B-3- (5-10) DL	885286	17.22	872581	21.43	922182	23.80
14 BUILDING-A-10- (0-5) DL	1.06501	17.22	993043	21.43	976330	23.80
15 BUILDING-A-1- (0-5) DL	920988	17.22	939772	21.43	969135	23.80
16 BUILDING-B-17- (0-5) DL	957410	17.22	956473	21.42	980253	23.80
17 BUILDING-A-2- (0-5)	892675	17.22	849915	21.43	814087	23.80

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM080423 SAS No.: BM080423 SDG NO.: BM080423

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 4 2023 12:00AM

Lab File ID: BM041284.D Time Analyzed: 19:15

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	965460	17.221	805885	21.433	768475	23.803
UPPER LIMIT	1930920	17.721	1611770	21.933	1536950	24.303
LOWER LIMIT	482730	16.721	402942.5	20.933	384237.5	23.303
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.

BUILDING-A-2-(0-5)

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM080423SAS No.: BM080423 SDG NO.: BM080423Lab File ID: BM041301.DLab Sample ID: 03815-02Instrument ID: BNA_MDate Extracted: 07/31/2023Matrix: (soil/water) SolidDate Analyzed: 08/04/2023Level: (low/med) LOWTime Analyzed: 19:15

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BUILDING-A-2-(0-5)	03815-02	BM041301.D	08/04/2023

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB154620BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM080423

SAS No.: BM080423 SDG NO.: BM080423

Lab File ID: BM041285.D

Lab Sample ID: PB154620BL

Instrument ID: BNA_M

Date Extracted: 08/03/2023

Matrix: (soil/water) water

Date Analyzed: 08/04/2023

Level: (low/med) LOW

Time Analyzed: 09:18

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BERGENFIELD-SOIL-COMP	03854-02	BM041286.D	08/04/2023
BERGENFIELD-SOIL-COMPMS	03854-02MS	BM041287.D	08/04/2023
BERGENFIELD-SOIL-COMPMSD	03854-02MSD	BM041288.D	08/04/2023
COMP-1	03877-02	BM041289.D	08/04/2023
COMP-2	03877-05	BM041290.D	08/04/2023
COMP-3	03877-08	BM041291.D	08/04/2023
MCLEAN-TP6	03887-02	BM041292.D	08/04/2023
MCLEAN-TP2	03887-11	BM041293.D	08/04/2023
MCLEAN-TP9	03887-14	BM041294.D	08/04/2023
MCLEAN-TP7	03887-05	BM041295.D	08/04/2023
MCLEAN-TP4	03887-08	BM041296.D	08/04/2023

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BM080423

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample	Result	Units	Rec	Rec	RPD	RPD	Limits		RPD
		Result				Qual		Qual	Low	High	
Lab Sample ID:	O3854-02MS	Client Sample ID:	BERGENFIELD-SOIL-COMPMS				DataFile:	BM041287.D			
n-Nitrosodimethylamine	500		340	ug/L	68				10	130	
Pyridine	500		290	ug/L	58				10	109	
Benzaldehyde	500		280	ug/L	56				10	137	
Aniline	500		230	ug/L	46				10	130	
Phenol	500		420	ug/L	84				10	130	
bis(2-Chloroethyl)ether	500		420	ug/L	84				29	141	
2-Chlorophenol	500		460	ug/L	92				23	127	
1,2-Dichlorobenzene	500		450	ug/L	90				61	114	
1,3-Dichlorobenzene	500		430	ug/L	86				65	106	
1,4-Dichlorobenzene	500		440	ug/L	88				55	125	
Benzyl Alcohol	500		540	ug/L	108	*			31	94	
2-Methylphenol	500		450	ug/L	90				23	132	
2,2-oxybis(1-Chloropropane)	500		380	ug/L	76				36	141	
Acetophenone	500		420	ug/L	84				31	164	
3+4-Methylphenols	500		460	ug/L	92				17	136	
N-Nitroso-di-n-propylamine	500		470	ug/L	94				36	147	
Hexachloroethane	500		440	ug/L	88				35	137	
Nitrobenzene	500		400	ug/L	80				40	134	
Isophorone	500		450	ug/L	90				39	146	
2-Nitrophenol	500		480	ug/L	96				30	148	
2,4-Dimethylphenol	500		430	ug/L	86				17	143	
bis(2-Chloroethoxy)methane	500		420	ug/L	84				39	143	
2,4-Dichlorophenol	500		490	ug/L	98				22	146	
1,2,4-Trichlorobenzene	500		450	ug/L	90				66	110	
Benzoic acid	500		290	ug/L	58				10	101	
Naphthalene	500		400	ug/L	80				17	157	
4-Chloroaniline	500		72.7	ug/L	15				10	95	
Hexachlorobutadiene	500		460	ug/L	92				52	125	
Caprolactam	500		480	ug/L	96				10	130	
4-Chloro-3-methylphenol	500		500	ug/L	100				17	148	
2-Methylnaphthalene	500		420	ug/L	84				38	146	
Hexachlorocyclopentadiene	1000		700	ug/L	70				20	153	
2,4,6-Trichlorophenol	500		480	ug/L	96				46	139	
2,4,5-Trichlorophenol	500		460	ug/L	92				42	129	
1,1-Biphenyl	500		400	ug/L	80				38	154	
2-Chloronaphthalene	500		430	ug/L	86				41	145	
2-Nitroaniline	500		460	ug/L	92				39	151	
Dimethylphthalate	500		470	ug/L	94				42	147	
Acenaphthylene	500		430	ug/L	86				40	141	
2,6-Dinitrotoluene	500		490	ug/L	98				43	148	
3-Nitroaniline	500		300	ug/L	60				10	111	
Acenaphthene	500		410	ug/L	82				37	146	
Total PAH	8000		6740	ug/L	84				37	146	
2,4-Dinitrophenol	1000		520	ug/L	52				14	167	
4-Nitrophenol	1000		890	ug/L	89				10	130	
Dibenzofuran	500		430	ug/L	86				41	145	
2,4-Dinitrotoluene	500		490	ug/L	98				40	151	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BM080423

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits		
									Low	High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		980	ug/L	98				40	151	
Diethylphthalate	500		470	ug/L	94				41	148	
4-Chlorophenyl-phenylether	500		460	ug/L	92				38	149	
Fluorene	500		440	ug/L	88				39	144	
4-Nitroaniline	500		430	ug/L	86				27	138	
4,6-Dinitro-2-methylphenol	500		320	ug/L	64				32	175	
N-Nitrosodiphenylamine	500		400	ug/L	80				40	150	
Azobenzene	500		420	ug/L	84				72	112	
4-Bromophenyl-phenylether	500		440	ug/L	88				42	151	
Hexachlorobenzene	500		470	ug/L	94				60	129	
Atrazine	500		590	ug/L	118				20	162	
Pentachlorophenol	1000		770	ug/L	77				15	137	
Phenanthrene	500		410	ug/L	82				40	147	
Anthracene	500		430	ug/L	86				41	146	
Carbazole	500		440	ug/L	88				37	154	
Di-n-butylphthalate	500		490	ug/L	98				40	151	
Fluoranthene	500		460	ug/L	92				42	146	
Benzidine	1000		480	ug/L	48				10	130	
Pyrene	500		440	ug/L	88				41	149	
Butylbenzylphthalate	500		520	ug/L	104				39	155	
3,3-Dichlorobenzidine	500		280	ug/L	56				10	114	
Benzo(a)anthracene	500		460	ug/L	92				41	147	
Chrysene	500		420	ug/L	84				44	144	
bis(2-Ethylhexyl)phthalate	500		490	ug/L	98				33	160	
Di-n-octyl phthalate	500		520	ug/L	104				36	158	
Benzo(b)fluoranthene	500		470	ug/L	94				40	150	
Benzo(k)fluoranthene	500		440	ug/L	88				40	147	
Benzo(a)pyrene	500		410	ug/L	82				42	147	
Indeno(1,2,3-cd)pyrene	500		380	ug/L	76				30	166	
Dibenz(a,h)anthracene	500		380	ug/L	76				23	172	
Benzo(g,h,i)perylene	500		360	ug/L	72				27	167	
1,2,4,5-Tetrachlorobenzene	500		420	ug/L	84	*			89	102	
1,4-Dioxane	500		290	ug/L	58				38	130	
2,3,4,6-Tetrachlorophenol	500		510	ug/L	102				91	111	
1-Methylnaphthalene	500		440	ug/L	88				25	151	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BM080423

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample	Result	Units	Rec	Rec	RPD	RPD	Low	Limits	
		Result				Qual		Qual		High	RPD
Lab Sample ID:	O3854-02MSD	Client Sample ID:	BERGENFIELD-SOIL-COMPMSD					DataFile:	BM041288.D		
n-Nitrosodimethylamine	500		360	ug/L	72		6		10	130	20
Pyridine	500		300	ug/L	60		3		10	109	20
Benzaldehyde	500		310	ug/L	62		10		10	137	20
Aniline	500		270	ug/L	54		16		10	130	20
Phenol	500		440	ug/L	88		5		10	130	20
bis(2-Chloroethyl)ether	500		440	ug/L	88		5		29	141	20
2-Chlorophenol	500		480	ug/L	96		4		23	127	20
1,2-Dichlorobenzene	500		470	ug/L	94		4		61	114	20
1,3-Dichlorobenzene	500		450	ug/L	90		5		65	106	20
1,4-Dichlorobenzene	500		460	ug/L	92		4		55	125	20
Benzyl Alcohol	500		580	ug/L	116	*	7		31	94	20
2-Methylphenol	500		480	ug/L	96		6		23	132	20
2,2-oxybis(1-Chloropropane)	500		400	ug/L	80		5		36	141	20
Acetophenone	500		440	ug/L	88		5		31	164	20
3+4-Methylphenols	500		500	ug/L	100		8		17	136	20
N-Nitroso-di-n-propylamine	500		500	ug/L	100		6		36	147	20
Hexachloroethane	500		460	ug/L	92		4		35	137	20
Nitrobenzene	500		410	ug/L	82		2		40	134	20
Isophorone	500		480	ug/L	96		6		39	146	20
2-Nitrophenol	500		500	ug/L	100		4		30	148	20
2,4-Dimethylphenol	500		460	ug/L	92		7		17	143	20
bis(2-Chloroethoxy)methane	500		440	ug/L	88		5		39	143	20
2,4-Dichlorophenol	500		530	ug/L	106		8		22	146	20
1,2,4-Trichlorobenzene	500		470	ug/L	94		4		66	110	20
Benzoic acid	500		310	ug/L	62		7		10	101	20
Naphthalene	500		420	ug/L	84		5		17	157	20
4-Chloroaniline	500		83.8	ug/L	17		13		10	95	20
Hexachlorobutadiene	500		480	ug/L	96		4		52	125	20
Caprolactam	500		520	ug/L	104		8		10	130	20
4-Chloro-3-methylphenol	500		550	ug/L	110		10		17	148	20
2-Methylnaphthalene	500		450	ug/L	90		7		38	146	20
Hexachlorocyclopentadiene	1000		720	ug/L	72		3		20	153	20
2,4,6-Trichlorophenol	500		500	ug/L	100		4		46	139	20
2,4,5-Trichlorophenol	500		480	ug/L	96		4		42	129	20
1,1-Biphenyl	500		420	ug/L	84		5		38	154	20
2-Chloronaphthalene	500		440	ug/L	88		2		41	145	20
2-Nitroaniline	500		480	ug/L	96		4		39	151	20
Dimethylphthalate	500		490	ug/L	98		4		42	147	20
Acenaphthylene	500		450	ug/L	90		5		40	141	20
2,6-Dinitrotoluene	500		510	ug/L	102		4		43	148	20
3-Nitroaniline	500		310	ug/L	62		3		10	111	20
Acenaphthene	500		430	ug/L	86		5		37	146	20
Total PAH	8000		7070	ug/L	88		5		37	146	20
2,4-Dinitrophenol	1000		520	ug/L	52		0		14	167	20
4-Nitrophenol	1000		920	ug/L	92		3		10	130	20
Dibenzofuran	500		450	ug/L	90		5		41	145	20
2,4-Dinitrotoluene	500		500	ug/L	100		2		40	151	20

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BM080423

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits		
									Low	High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1010	ug/L	101		3		40	151	20
Diethylphthalate	500		490	ug/L	98		4		41	148	20
4-Chlorophenyl-phenylether	500		480	ug/L	96		4		38	149	20
Fluorene	500		460	ug/L	92		4		39	144	20
4-Nitroaniline	500		470	ug/L	94		9		27	138	20
4,6-Dinitro-2-methylphenol	500		330	ug/L	66		3		32	175	20
N-Nitrosodiphenylamine	500		420	ug/L	84		5		40	150	20
Azobenzene	500		440	ug/L	88		5		72	112	20
4-Bromophenyl-phenylether	500		460	ug/L	92		4		42	151	20
Hexachlorobenzene	500		480	ug/L	96		2		60	129	20
Atrazine	500		620	ug/L	124		5		20	162	20
Pentachlorophenol	1000		790	ug/L	79		3		15	137	20
Phenanthrene	500		430	ug/L	86		5		40	147	20
Anthracene	500		450	ug/L	90		5		41	146	20
Carbazole	500		460	ug/L	92		4		37	154	20
Di-n-butylphthalate	500		510	ug/L	102		4		40	151	20
Fluoranthene	500		480	ug/L	96		4		42	146	20
Benzidine	1000		540	ug/L	54		12		10	130	20
Pyrene	500		460	ug/L	92		4		41	149	20
Butylbenzylphthalate	500		540	ug/L	108		4		39	155	20
3,3-Dichlorobenzidine	500		310	ug/L	62		10		10	114	20
Benzo(a)anthracene	500		470	ug/L	94		2		41	147	20
Chrysene	500		440	ug/L	88		5		44	144	20
bis(2-Ethylhexyl)phthalate	500		500	ug/L	100		2		33	160	20
Di-n-octyl phthalate	500		540	ug/L	108		4		36	158	20
Benzo(b)fluoranthene	500		500	ug/L	100		6		40	150	20
Benzo(k)fluoranthene	500		470	ug/L	94		7		40	147	20
Benzo(a)pyrene	500		430	ug/L	86		5		42	147	20
Indeno(1,2,3-cd)pyrene	500		400	ug/L	80		5		30	166	20
Dibenz(a,h)anthracene	500		400	ug/L	80		5		23	172	20
Benzo(g,h,i)perylene	500		380	ug/L	76		5		27	167	20
1,2,4,5-Tetrachlorobenzene	500		440	ug/L	88	*	5		89	102	20
1,4-Dioxane	500		300	ug/L	60		3		38	130	20
2,3,4,6-Tetrachlorophenol	500		530	ug/L	106		4		91	111	20
1-Methylnaphthalene	500		460	ug/L	92		4		25	151	20



Surrogate Summary
SW-846

SDG No.: BM080423

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O3775-01DL	BUILDING-A-10-(BM041298.D		2-Fluorophenol	150	75.12	50		18	112
			Phenol-d6	150	75.46	50		15	107
			Nitrobenzene-d5	100	45.67	46		18	107
			2-Fluorobiphenyl	100	48.72	49		20	109
			2,4,6-Tribromophenol	150	71.45	48		10	110
			Terphenyl-d14	100	57.27	57		14	112



Surrogate Summary
SW-846

SDG No.: BM080423

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O3815-01DL	BUILDING-A-1-(0-BM041299.D		2-Fluorophenol	150	71.85	48		18	112
			Phenol-d6	150	70.82	47		15	107
			Nitrobenzene-d5	100	42.69	43		18	107
			2-Fluorobiphenyl	100	41.73	42		20	109
			2,4,6-Tribromophenol	150	67.13	45		10	110
			Terphenyl-d14	100	44.87	45		14	112
O3815-02	BUILDING-A-2-(0-BM041301.D		2-Fluorophenol	150	48.40	32		18	112
			Phenol-d6	150	46.00	31		15	107
			Nitrobenzene-d5	100	31.75	32		18	107
			2-Fluorobiphenyl	100	34.25	34		20	109
			2,4,6-Tribromophenol	150	47.35	32		10	110
			Terphenyl-d14	100	42.50	43		14	112



Surrogate Summary
SW-846

SDG No.: BM080423

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O3862-02DL	BUILDING-B-3-(5-BM041297.D		2-Fluorophenol	150	102.00	68		18	112
			Phenol-d6	150	99.83	67		15	107
			Nitrobenzene-d5	100	61.23	61		18	107
			2-Fluorobiphenyl	100	59.55	60		20	109
			2,4,6-Tribromophenol	150	87.56	58		10	110
			Terphenyl-d14	100	69.39	69		14	112
O3862-03DL	BUILDING-B-17-(BM041300.D		2-Fluorophenol	150	83.46	56		18	112
			Phenol-d6	150	83.65	56		15	107
			Nitrobenzene-d5	100	51.78	52		18	107
			2-Fluorobiphenyl	100	52.69	53		20	109
			2,4,6-Tribromophenol	150	82.85	55		10	110
			Terphenyl-d14	100	56.43	56		14	112

Surrogate Summary

SW-846

SDG No.: BM080423

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O3854-02	BERGENFIELD-SCBM041286.D		2-Fluorophenol	150	115.39	77		10	139
			Phenol-d6	150	106.37	71		10	134
			Nitrobenzene-d5	100	81.46	81		49	133
			2-Fluorobiphenyl	100	76.57	77		52	132
			2,4,6-Tribromophenol	150	159.07	106		32	145
			Terphenyl-d14	100	104.61	105		36	145
O3854-02MS	BERGENFIELD-SCBM041287.D		2-Fluorophenol	150	112.17	75		10	139
			Phenol-d6	150	108.08	72		10	134
			Nitrobenzene-d5	100	75.68	76		49	133
			2-Fluorobiphenyl	100	74.90	75		52	132
			2,4,6-Tribromophenol	150	143.16	95		32	145
			Terphenyl-d14	100	86.78	87		36	145
O3854-02MSD	BERGENFIELD-SCBM041288.D		2-Fluorophenol	150	118.02	79		10	139
			Phenol-d6	150	115.61	77		10	134
			Nitrobenzene-d5	100	79.45	79		49	133
			2-Fluorobiphenyl	100	77.56	78		52	132
			2,4,6-Tribromophenol	150	149.46	100		32	145
			Terphenyl-d14	100	89.40	89		36	145
O3877-02	COMP-1	BM041289.D	2-Fluorophenol	150	113.87	76		10	139
			Phenol-d6	150	105.80	71		10	134
			Nitrobenzene-d5	100	79.44	79		49	133
			2-Fluorobiphenyl	100	75.61	76		52	132
			2,4,6-Tribromophenol	150	157.95	105		32	145
			Terphenyl-d14	100	97.74	98		36	145
O3877-05	COMP-2	BM041290.D	2-Fluorophenol	150	116.40	78		10	139
			Phenol-d6	150	111.23	74		10	134
			Nitrobenzene-d5	100	79.10	79		49	133
			2-Fluorobiphenyl	100	72.96	73		52	132
			2,4,6-Tribromophenol	150	155.53	104		32	145
			Terphenyl-d14	100	97.45	97		36	145
O3877-08	COMP-3	BM041291.D	2-Fluorophenol	150	113.03	75		10	139
			Phenol-d6	150	104.81	70		10	134
			Nitrobenzene-d5	100	80.27	80		49	133
			2-Fluorobiphenyl	100	74.20	74		52	132
			2,4,6-Tribromophenol	150	159.03	106		32	145
			Terphenyl-d14	100	94.54	95		36	145
O3887-02	MCLEAN-TP6	BM041292.D	2-Fluorophenol	150	114.32	76		10	139
			Phenol-d6	150	108.18	72		10	134
			Nitrobenzene-d5	100	79.96	80		49	133
			2-Fluorobiphenyl	100	75.97	76		52	132
			2,4,6-Tribromophenol	150	163.10	109		32	145
			Terphenyl-d14	100	95.46	95		36	145
O3887-05	MCLEAN-TP7	BM041295.D	2-Fluorophenol	150	117.59	78		10	139
			Phenol-d6	150	110.12	73		10	134
			Nitrobenzene-d5	100	80.04	80		49	133
			2-Fluorobiphenyl	100	72.60	73		52	132
			2,4,6-Tribromophenol	150	147.75	99		32	145
			Terphenyl-d14	100	99.67	100		36	145
O3887-08	MCLEAN-TP4	BM041296.D	2-Fluorophenol	150	114.77	77		10	139
			Phenol-d6	150	110.54	74		10	134
			Nitrobenzene-d5	100	78.00	78		49	133

Surrogate Summary

SW-846

SDG No.: BM080423

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O3887-08	MCLEAN-TP4	BM041296.D	2-Fluorobiphenyl	100	71.05	71		52	132
			2,4,6-Tribromophenol	150	157.96	105		32	145
			Terphenyl-d14	100	93.40	93		36	145
O3887-11	MCLEAN-TP2	BM041293.D	2-Fluorophenol	150	109.80	73		10	139
			Phenol-d6	150	100.75	67		10	134
			Nitrobenzene-d5	100	78.98	79		49	133
			2-Fluorobiphenyl	100	73.50	73		52	132
			2,4,6-Tribromophenol	150	151.78	101		32	145
			Terphenyl-d14	100	96.62	97		36	145
O3887-14	MCLEAN-TP9	BM041294.D	2-Fluorophenol	150	113.49	76		10	139
			Phenol-d6	150	105.18	70		10	134
			Nitrobenzene-d5	100	80.35	80		49	133
			2-Fluorobiphenyl	100	73.63	74		52	132
			2,4,6-Tribromophenol	150	156.81	105		32	145
			Terphenyl-d14	100	96.65	97		36	145
PB154620BL	PB154620BL	BM041285.D	2-Fluorophenol	150	140.95	94		10	139
			Phenol-d6	150	139.83	93		10	134
			Nitrobenzene-d5	100	87.63	88		49	133
			2-Fluorobiphenyl	100	87.31	87		52	132
			2,4,6-Tribromophenol	150	156.93	105		32	145
			Terphenyl-d14	100	117.69	118		36	145



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM080423

Lab Code: CHEM

SAS No.: BM080423 SDG NO.: BM080423

Lab File ID: BM041283.D

DFTPP Injection Date: 08/04/2023

Instrument ID: BNA_M

DFTPP Injection Time: 08:05

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.4
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	32.9
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	39.8
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	28.1
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	15
442	Greater than 50% of mass 198	96.6
443	15.0 - 24.0% of mass 442	18.9 (19.6) 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	BM041284.D	08/04/2023	08:42
PB154620BL	PB154620BL	BM041285.D	08/04/2023	09:18
BERGENFIELD-SOIL-COMP	O3854-02	BM041286.D	08/04/2023	10:01
BERGENFIELD-SOIL-COMPMS	O3854-02MS	BM041287.D	08/04/2023	10:38
BERGENFIELD-SOIL-COMPMSD	O3854-02MSD	BM041288.D	08/04/2023	11:14
COMP-1	O3877-02	BM041289.D	08/04/2023	11:51
COMP-2	O3877-05	BM041290.D	08/04/2023	12:28
COMP-3	O3877-08	BM041291.D	08/04/2023	13:05
MCLEAN-TP6	O3887-02	BM041292.D	08/04/2023	13:42
MCLEAN-TP2	O3887-11	BM041293.D	08/04/2023	14:18
MCLEAN-TP9	O3887-14	BM041294.D	08/04/2023	14:55
MCLEAN-TP7	O3887-05	BM041295.D	08/04/2023	15:32
MCLEAN-TP4	O3887-08	BM041296.D	08/04/2023	16:09
BUILDING-B-3- (5-10)DL	O3862-02DL	BM041297.D	08/04/2023	16:47
BUILDING-A-10- (0-5)DL	O3775-01DL	BM041298.D	08/04/2023	17:24
BUILDING-A-1- (0-5)DL	O3815-01DL	BM041299.D	08/04/2023	18:01
BUILDING-B-17- (0-5)DL	O3862-03DL	BM041300.D	08/04/2023	18:38
BUILDING-A-2- (0-5)	O3815-02	BM041301.D	08/04/2023	19:15