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

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN110624 SAS No.: BN110624 SDG No.: BN110624

Instrument ID: BNA_N Calibration Date/Time: 11/6/2024 12 11:18

Lab File ID: BN034869.D Init. Calib. Date(s):

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s):

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.579	0.516		-10.881	20.0
Fluoranthene-d10	0.938	0.941		0.32	20.0
n-Nitrosodimethylamine	0.494	0.513		3.846	20.0
2-Fluorophenol	1.212	1.189		-1.898	20.0
Phenol-d6	1.574	1.544		-1.906	20.0
bis(2-Chloroethyl)ether	1.149	1.216		5.831	20.0
Nitrobenzene-d5	0.314	0.321		2.229	20.0
Naphthalene	1.106	1.028		-7.052	20.0
Hexachlorobutadiene	0.182	0.164		-9.89	20.0
2-Methylnaphthalene	0.723	0.637		-11.895	20.0
2-Fluorobiphenyl	1.575	1.468		-6.794	20.0
Acenaphthylene	2.007	1.661		-17.24	20.0
Acenaphthene	1.337	1.187		-11.219	20.0
Fluorene	1.667	1.484		-10.978	20.0
4,6-Dinitro-2-methylphenol	0.059	0.048		-18.644	20.0
2,4,6-Tribromophenol	0.198	0.164		-17.172	20.0
4-Bromophenyl-phenylether	0.231	0.205		-11.255	20.0
Hexachlorobenzene	0.259	0.227		-12.355	20.0
Atrazine	0.199	0.194		-2.513	20.0
Pentachlorophenol	0.112	0.120		7.143	20.0
Phenanthrene	1.177	1.137		-3.398	20.0
Anthracene	1.101	1.031		-6.358	20.0
Fluoranthene	1.297	1.308		0.848	20.0
Pyrene	2.091	1.914		-8.465	20.0
Terphenyl-d14	0.859	0.724		-15.716	20.0
Benzo(a)anthracene	1.592	1.624		2.01	20.0
Chrysene	1.559	1.577		1.155	20.0
Bis(2-ethylhexyl)phthalate	1.331	1.301		-2.254	20.0
Benzo(b)fluoranthene	1.610	1.664		3.354	20.0
Benzo(k)fluoranthene	1.571	1.608		2.355	20.0
Benzo(a)pyrene	1.329	1.339		0.752	20.0
Indeno(1,2,3-cd)pyrene	1.471	1.660		12.848	20.0
Dibenzo(a,h)anthracene	1.147	1.277		11.334	20.0
Benzo(g,h,i)perylene	1.240	1.395		12.5	20.0
1,4-Dioxane	0.439	0.442		0.683	20.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN110624 SAS No.: BN110624 SDG No.: BN110624

Instrument ID: BNA_N Calibration Date/Time: 11/6/2024 12 20:28

Lab File ID: BN034882.D Init. Calib. Date(s):

EPA Sample No.: SSTDCCC0.4EC Init. Calib. Time(s):

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.579	0.483		-16.58	50.0
Fluoranthene-d10	0.938	0.834		-11.087	50.0
n-Nitrosodimethylamine	0.494	0.668		35.223	50.0
2-Fluorophenol	1.212	1.040		-14.191	50.0
Phenol-d6	1.574	1.350		-14.231	50.0
bis(2-Chloroethyl)ether	1.149	1.174		2.176	50.0
Nitrobenzene-d5	0.314	0.287		-8.599	50.0
Naphthalene	1.106	1.029		-6.962	50.0
Hexachlorobutadiene	0.182	0.171		-6.044	50.0
2-Methylnaphthalene	0.723	0.606		-16.183	50.0
2-Fluorobiphenyl	1.575	1.556		-1.206	50.0
Acenaphthylene	2.007	1.656		-17.489	50.0
Acenaphthene	1.337	1.177		-11.967	50.0
Fluorene	1.667	1.451		-12.957	50.0
4,6-Dinitro-2-methylphenol	0.059	0.031		-47.458	50.0
2,4,6-Tribromophenol	0.198	0.104		-47.475	50.0
4-Bromophenyl-phenylether	0.231	0.195		-15.584	50.0
Hexachlorobenzene	0.259	0.247		-4.633	50.0
Atrazine	0.199	0.138		-30.653	50.0
Pentachlorophenol	0.112	0.058		-48.214	50.0
Phenanthrene	1.177	1.156		-1.784	50.0
Anthracene	1.101	0.960		-12.807	50.0
Fluoranthene	1.297	1.185		-8.635	50.0
Pyrene	2.091	1.882		-9.995	50.0
Terphenyl-d14	0.859	0.704		-18.044	50.0
Benzo(a)anthracene	1.592	1.426		-10.427	50.0
Chrysene	1.559	1.567		0.513	50.0
Bis(2-ethylhexyl)phthalate	1.331	0.726		-45.455	50.0
Benzo(b)fluoranthene	1.610	1.779		10.497	50.0
Benzo(k)fluoranthene	1.571	1.731		10.185	50.0
Benzo(a)pyrene	1.329	1.323		-0.451	50.0
Indeno(1,2,3-cd)pyrene	1.471	1.766		20.054	50.0
Dibenzo(a,h)anthracene	1.147	1.379		20.227	50.0
Benzo(g,h,i)perylene	1.240	1.587		27.984	50.0
1,4-Dioxane	0.439	0.517		17.768	50.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	10/17/2024 12:00:00 AM
Project:				Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	PB164230BL			SDG No.:	BN110624
Lab Sample ID:	PB164230BL			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034870.D	1	10/17/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.3	U	1.3	6.6	6.6	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	0.85	U	0.85	3.3	3.3	ug/Kg
91-20-3	Naphthalene	0.69	U	0.69	3.3	3.3	ug/Kg
87-68-3	Hexachlorobutadiene	0.69	U	0.69	3.3	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.8	U	0.8	3.3	3.3	ug/Kg
208-96-8	Acenaphthylene	0.63	U	0.63	3.3	3.3	ug/Kg
83-32-9	Acenaphthene	0.55	U	0.55	3.3	3.3	ug/Kg
Total PAH	Total PAH	14.61	U	14.61	3.3	52.8	ug/Kg
86-73-7	Fluorene	0.6	U	0.6	3.3	3.3	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4.2	U	4.2	6.6	6.6	ug/Kg
101-55-3	4-Bromophenyl-phenylether	0.79	U	0.79	3.3	3.3	ug/Kg
118-74-1	Hexachlorobenzene	0.85	U	0.85	3.3	3.3	ug/Kg
1912-24-9	Atrazine	0.76	U	0.76	3.3	3.3	ug/Kg
87-86-5	Pentachlorophenol	2.8	U	2.8	6.6	6.6	ug/Kg
85-01-8	Phenanthrene	0.63	U	0.63	3.3	3.3	ug/Kg
120-12-7	Anthracene	0.79	U	0.79	3.3	3.3	ug/Kg
206-44-0	Fluoranthene	0.67	U	0.67	3.3	3.3	ug/Kg
129-00-0	Pyrene	0.95	U	0.95	3.3	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.76	U	0.76	3.3	3.3	ug/Kg
218-01-9	Chrysene	0.86	U	0.86	3.3	3.3	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	6.6	6.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	3.3	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.98	U	0.98	3.3	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	1.7	U	1.7	3.3	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.3	U	1.3	3.3	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	3.3	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	3.3	3.3	ug/Kg
123-91-1	1,4-Dioxane	2.2	U	2.2	6.6	6.6	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/17/2024 12:00:00 AM
Project:				Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	PB164230BL			SDG No.:	BN110624
Lab Sample ID:	PB164230BL			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034870.D	1	10/17/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.368		17-161		92	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.4		23-138		100	SPK: -0.4
367-12-4	2-Fluorophenol	0.368		28-122		92	SPK: -0.4
13127-88-3	Phenol-d6	0.379		25-125		95	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.411		33-121		103	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.424		32-121		106	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.227		19-110		57	SPK: -0.4
1718-51-0	Terphenyl-d14	0.459		21-130		115	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6794	7.575				
1146-65-2	Naphthalene-d8	20013	10.34				
15067-26-2	Acenaphthene-d10	9391	14.212				
1517-22-2	Phenanthrene-d10	19065	16.957				
1719-03-5	Chrysene-d12	11335	21.152				
1520-96-3	Perylene-d12	9571	23.318				

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Report of Analysis

Client:				Date Collected:	10/9/2024 12:00:00 AM
Project:				Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT4-2024			SDG No.:	BN110624
Lab Sample ID:	P4368-01			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034871.D	1	10/17/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	5.2	J	1.3	6.6	6.6	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	4.7		0.85	3.3	3.3	ug/Kg
91-20-3	Naphthalene	4.1		0.69	3.3	3.3	ug/Kg
87-68-3	Hexachlorobutadiene	3.8		0.69	3.3	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	4		0.8	3.3	3.3	ug/Kg
208-96-8	Acenaphthylene	3.8		0.63	3.3	3.3	ug/Kg
83-32-9	Acenaphthene	3.9		0.55	3.3	3.3	ug/Kg
Total PAH	Total PAH	72.5		14.61	3.3	52.8	ug/Kg
86-73-7	Fluorene	3.9		0.6	3.3	3.3	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	7.7		4.2	6.6	6.6	ug/Kg
101-55-3	4-Bromophenyl-phenylether	4		0.79	3.3	3.3	ug/Kg
118-74-1	Hexachlorobenzene	4.2		0.85	3.3	3.3	ug/Kg
1912-24-9	Atrazine	3.8		0.76	3.3	3.3	ug/Kg
87-86-5	Pentachlorophenol	2.8	U	2.8	6.6	6.6	ug/Kg
85-01-8	Phenanthrene	4.7		0.63	3.3	3.3	ug/Kg
120-12-7	Anthracene	4.4		0.79	3.3	3.3	ug/Kg
206-44-0	Fluoranthene	4.6		0.67	3.3	3.3	ug/Kg
129-00-0	Pyrene	4.2		0.95	3.3	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	4.4		0.76	3.3	3.3	ug/Kg
218-01-9	Chrysene	4.9		0.86	3.3	3.3	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3	J	1.5	6.6	6.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	5		1.2	3.3	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	5		0.98	3.3	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	4.7		1.7	3.3	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5		1.3	3.3	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4.8		1.2	3.3	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5.1		1.1	3.3	3.3	ug/Kg
123-91-1	1,4-Dioxane	5.6	J	2.2	6.6	6.6	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/9/2024 12:00:00 AM
Project:				Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT4-2024			SDG No.:	BN110624
Lab Sample ID:	P4368-01			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034871.D	1	10/17/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.644		17-161		161	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.696	*	23-138		174	SPK: -0.4
367-12-4	2-Fluorophenol	0.355		28-122		89	SPK: -0.4
13127-88-3	Phenol-d6	0.376		25-125		94	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.434		33-121		108	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.423		32-121		106	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.243		19-110		61	SPK: -0.4
1718-51-0	Terphenyl-d14	0.42		21-130		105	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6262	7.575				
1146-65-2	Naphthalene-d8	19178	10.34				
15067-26-2	Acenaphthene-d10	9775	14.208				
1517-22-2	Phenanthrene-d10	19406	16.952				
1719-03-5	Chrysene-d12	12823	21.149				
1520-96-3	Perylene-d12	11237	23.318				

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Report of Analysis

Client:				Date Collected:	10/9/2024 12:00:00 AM
Project:				Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT4-2024			SDG No.:	BN110624
Lab Sample ID:	P4368-01			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034872.D	1	10/17/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	8.2		1.3	6.6	6.6	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	8.4		0.85	3.3	3.3	ug/Kg
91-20-3	Naphthalene	7.2		0.69	3.3	3.3	ug/Kg
87-68-3	Hexachlorobutadiene	6.8		0.69	3.3	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	6.9		0.8	3.3	3.3	ug/Kg
208-96-8	Acenaphthylene	6.5		0.63	3.3	3.3	ug/Kg
83-32-9	Acenaphthene	6.7		0.55	3.3	3.3	ug/Kg
Total PAH	Total PAH	116.6		14.61	3.3	52.8	ug/Kg
86-73-7	Fluorene	6.6		0.6	3.3	3.3	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	8.4		4.2	6.6	6.6	ug/Kg
101-55-3	4-Bromophenyl-phenylether	6.5		0.79	3.3	3.3	ug/Kg
118-74-1	Hexachlorobenzene	6.9		0.85	3.3	3.3	ug/Kg
1912-24-9	Atrazine	5.8		0.76	3.3	3.3	ug/Kg
87-86-5	Pentachlorophenol	2.8	U	2.8	6.6	6.6	ug/Kg
85-01-8	Phenanthrene	7.6		0.63	3.3	3.3	ug/Kg
120-12-7	Anthracene	7.1		0.79	3.3	3.3	ug/Kg
206-44-0	Fluoranthene	7.1		0.67	3.3	3.3	ug/Kg
129-00-0	Pyrene	6.8		0.95	3.3	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	6.9		0.76	3.3	3.3	ug/Kg
218-01-9	Chrysene	7.6		0.86	3.3	3.3	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4.9	J	1.5	6.6	6.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	8.1		1.2	3.3	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	8		0.98	3.3	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	7.3		1.7	3.3	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	7.7		1.3	3.3	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	7.6		1.2	3.3	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	7.8		1.1	3.3	3.3	ug/Kg
123-91-1	1,4-Dioxane	7.7		2.2	6.6	6.6	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/9/2024 12:00:00 AM
Project:				Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT4-2024			SDG No.:	BN110624
Lab Sample ID:	P4368-01			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034872.D	1	10/17/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.548		17-161		137	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.59	*	23-138		147	SPK: -0.4
367-12-4	2-Fluorophenol	0.312		28-122		78	SPK: -0.4
13127-88-3	Phenol-d6	0.327		25-125		82	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.374		33-121		94	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.36		32-121		90	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.178		19-110		44	SPK: -0.4
1718-51-0	Terphenyl-d14	0.332		21-130		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6211	7.575				
1146-65-2	Naphthalene-d8	19111	10.34				
15067-26-2	Acenaphthene-d10	9731	14.208				
1517-22-2	Phenanthrene-d10	19187	16.952				
1719-03-5	Chrysene-d12	12425	21.149				
1520-96-3	Perylene-d12	10137	23.321				

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Report of Analysis

Client:				Date Collected:	10/9/2024 12:00:00 AM
Project:				Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT4-2024			SDG No.:	BN110624
Lab Sample ID:	P4368-01			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034873.D	1	10/17/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	4.7	J	1.3	6.6	6.6	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	4.2		0.85	3.3	3.3	ug/Kg
91-20-3	Naphthalene	3.5		0.69	3.3	3.3	ug/Kg
87-68-3	Hexachlorobutadiene	3.3		0.69	3.3	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	3.4		0.8	3.3	3.3	ug/Kg
208-96-8	Acenaphthylene	3.2	J	0.63	3.3	3.3	ug/Kg
83-32-9	Acenaphthene	3.3		0.55	3.3	3.3	ug/Kg
Total PAH	Total PAH	63		14.61	3.3	52.8	ug/Kg
86-73-7	Fluorene	3.3		0.6	3.3	3.3	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	7.4		4.2	6.6	6.6	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3.3		0.79	3.3	3.3	ug/Kg
118-74-1	Hexachlorobenzene	3.5		0.85	3.3	3.3	ug/Kg
1912-24-9	Atrazine	3.1	J	0.76	3.3	3.3	ug/Kg
87-86-5	Pentachlorophenol	2.8	U	2.8	6.6	6.6	ug/Kg
85-01-8	Phenanthrene	4		0.63	3.3	3.3	ug/Kg
120-12-7	Anthracene	3.6		0.79	3.3	3.3	ug/Kg
206-44-0	Fluoranthene	3.8		0.67	3.3	3.3	ug/Kg
129-00-0	Pyrene	3.9		0.95	3.3	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	3.8		0.76	3.3	3.3	ug/Kg
218-01-9	Chrysene	4.2		0.86	3.3	3.3	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2.7	J	1.5	6.6	6.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	4.5		1.2	3.3	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	4.6		0.98	3.3	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	4.1		1.7	3.3	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4.4		1.3	3.3	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4.3		1.2	3.3	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4.5		1.1	3.3	3.3	ug/Kg
123-91-1	1,4-Dioxane	4.9	J	2.2	6.6	6.6	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/9/2024 12:00:00 AM
Project:				Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT4-2024			SDG No.:	BN110624
Lab Sample ID:	P4368-01			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034873.D	1	10/17/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.54		17-161		135	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.568	*	23-138		142	SPK: -0.4
367-12-4	2-Fluorophenol	0.307		28-122		77	SPK: -0.4
13127-88-3	Phenol-d6	0.319		25-125		80	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.368		33-121		92	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.366		32-121		91	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.179		19-110		45	SPK: -0.4
1718-51-0	Terphenyl-d14	0.376		21-130		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7518	7.575				
1146-65-2	Naphthalene-d8	23228	10.34				
15067-26-2	Acenaphthene-d10	11583	14.211				
1517-22-2	Phenanthrene-d10	23350	16.957				
1719-03-5	Chrysene-d12	13735	21.151				
1520-96-3	Perylene-d12	10782	23.323				

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Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT4-2024	SDG No.:	BN110624
Lab Sample ID:	P4368-07	Matrix:	Water
Analytical Method:	8270-Modified	% 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
BN034874.D	1	10/17/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164229

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.3		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.25		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.22		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.2		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.21		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.2		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.2		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	3.51		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.2		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.25		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.19		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.21		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.17		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.16	J	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.23		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.21		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.21		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.21		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.21		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.23		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	J	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.24		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.24		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.21		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.23		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.23		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.24		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.29		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT4-2024	SDG No.:	BN110624
Lab Sample ID:	P4368-07	Matrix:	Water
Analytical Method:	8270-Modified	% 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
BN034874.D	1	10/17/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164229

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.547		20-139		137	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.581		30-150		145	SPK: -0.4
367-12-4	2-Fluorophenol	0.308		10-100		77	SPK: -0.4
13127-88-3	Phenol-d6	0.32		10-100		80	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.373		27-123		93	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.362		34-132		90	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.164		10-131		41	SPK: -0.4
1718-51-0	Terphenyl-d14	0.344		35-157		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6337	7.575				
1146-65-2	Naphthalene-d8	19447	10.34				
15067-26-2	Acenaphthene-d10	9848	14.211				
1517-22-2	Phenanthrene-d10	19525	16.957				
1719-03-5	Chrysene-d12	11906	21.151				
1520-96-3	Perylene-d12	9629	23.32				

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Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT4-2024	SDG No.:	BN110624
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034875.D	1	10/17/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	3.7	J	1.3	6.6	6.6	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	3	J	0.85	3.3	3.3	ug/Kg
91-20-3	Naphthalene	2.6	J	0.69	3.3	3.3	ug/Kg
87-68-3	Hexachlorobutadiene	2.5	J	0.69	3.3	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	2.4	J	0.8	3.3	3.3	ug/Kg
208-96-8	Acenaphthylene	2.4	J	0.63	3.3	3.3	ug/Kg
83-32-9	Acenaphthene	2.4	J	0.55	3.3	3.3	ug/Kg
86-73-7	Fluorene	2.4	J	0.6	3.3	3.3	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	7		4.2	6.6	6.6	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2.5	J	0.79	3.3	3.3	ug/Kg
118-74-1	Hexachlorobenzene	2.7	J	0.85	3.3	3.3	ug/Kg
1912-24-9	Atrazine	2.8	J	0.76	3.3	3.3	ug/Kg
87-86-5	Pentachlorophenol	2.8	U	2.8	6.6	6.6	ug/Kg
85-01-8	Phenanthrene	2.9	J	0.63	3.3	3.3	ug/Kg
120-12-7	Anthracene	2.7	J	0.79	3.3	3.3	ug/Kg
206-44-0	Fluoranthene	2.6	J	0.67	3.3	3.3	ug/Kg
129-00-0	Pyrene	2.9	J	0.95	3.3	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	2.8	J	0.76	3.3	3.3	ug/Kg
218-01-9	Chrysene	3.1	J	0.86	3.3	3.3	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	J	1.5	6.6	6.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	3.2	J	1.2	3.3	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	3.3		0.98	3.3	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	2.9	J	1.7	3.3	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3.5		1.3	3.3	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3.4		1.2	3.3	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3.6		1.1	3.3	3.3	ug/Kg
123-91-1	1,4-Dioxane	3.6	J	2.2	6.6	6.6	ug/Kg
SURROGATES							

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Report of Analysis

Client:				Date Collected:	10/9/2024 12:00:00 AM
Project:				Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT4-2024			SDG No.:	BN110624
Lab Sample ID:	P4368-02			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034875.D	1	10/17/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
7297-45-2	2-Methylnaphthalene-d10	0.386	*	17-161			SPK: -0
93951-69-0	Fluoranthene-d10	0.388	*	23-138			SPK: -0
367-12-4	2-Fluorophenol	0.216	*	28-122			SPK: -0
13127-88-3	Phenol-d6	0.223	*	25-125			SPK: -0
4165-60-0	Nitrobenzene-d5	0.269	*	33-121			SPK: -0
321-60-8	2-Fluorobiphenyl	0.276	*	32-121			SPK: -0
118-79-6	2,4,6-Tribromophenol	0.11	*	19-110			SPK: -0
1718-51-0	Terphenyl-d14	0.278	*	21-130			SPK: -0
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9249	7.575				
1146-65-2	Naphthalene-d8	26973	10.34				
15067-26-2	Acenaphthene-d10	12774	14.208				
1517-22-2	Phenanthrene-d10	24085	16.952				
1719-03-5	Chrysene-d12	12734	21.149				
1520-96-3	Perylene-d12	10871	23.315				

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Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT4-2024	SDG No.:	BN110624
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034876.D	1	10/17/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	9.4		1.3	6.6	6.6	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	8.5		0.85	3.3	3.3	ug/Kg
91-20-3	Naphthalene	7.3		0.69	3.3	3.3	ug/Kg
87-68-3	Hexachlorobutadiene	6.8		0.69	3.3	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	6.6		0.8	3.3	3.3	ug/Kg
208-96-8	Acenaphthylene	6.6		0.63	3.3	3.3	ug/Kg
83-32-9	Acenaphthene	6.7		0.55	3.3	3.3	ug/Kg
Total PAH	Total PAH	120.1		14.61	3.3	52.8	ug/Kg
86-73-7	Fluorene	6.5		0.6	3.3	3.3	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	8		4.2	6.6	6.6	ug/Kg
101-55-3	4-Bromophenyl-phenylether	6.5		0.79	3.3	3.3	ug/Kg
118-74-1	Hexachlorobenzene	7.1		0.85	3.3	3.3	ug/Kg
1912-24-9	Atrazine	5.3		0.76	3.3	3.3	ug/Kg
87-86-5	Pentachlorophenol	5.2	J	2.8	6.6	6.6	ug/Kg
85-01-8	Phenanthrene	7.6		0.63	3.3	3.3	ug/Kg
120-12-7	Anthracene	7.1		0.79	3.3	3.3	ug/Kg
206-44-0	Fluoranthene	6.8		0.67	3.3	3.3	ug/Kg
129-00-0	Pyrene	6.9		0.95	3.3	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	7		0.76	3.3	3.3	ug/Kg
218-01-9	Chrysene	7.8		0.86	3.3	3.3	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4.8	J	1.5	6.6	6.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	8		1.2	3.3	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	8.1		0.98	3.3	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	7.2		1.7	3.3	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	8.8		1.3	3.3	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	8.6		1.2	3.3	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	9.1		1.1	3.3	3.3	ug/Kg
123-91-1	1,4-Dioxane	8.1		2.2	6.6	6.6	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/9/2024 12:00:00 AM
Project:				Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT4-2024			SDG No.:	BN110624
Lab Sample ID:	P4368-02			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034876.D	1	10/17/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.521		17-161		130	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.566	*	23-138		141	SPK: -0.4
367-12-4	2-Fluorophenol	0.313		28-122		78	SPK: -0.4
13127-88-3	Phenol-d6	0.317		25-125		79	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.372		33-121		93	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.376		32-121		94	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.153		19-110		38	SPK: -0.4
1718-51-0	Terphenyl-d14	0.334		21-130		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5380	7.575				
1146-65-2	Naphthalene-d8	15501	10.34				
15067-26-2	Acenaphthene-d10	7152	14.208				
1517-22-2	Phenanthrene-d10	13496	16.952				
1719-03-5	Chrysene-d12	8222	21.149				
1520-96-3	Perylene-d12	7354	23.315				

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Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT4-2024	SDG No.:	BN110624
Lab Sample ID:	P4368-07	Matrix:	Water
Analytical Method:	8270-Modified	% 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
BN034877.D	1	10/17/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164229

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.11	J	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.09	J	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.08	J	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.08	J	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.07	J	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.07	J	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.08	J	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	1.44	J	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.07	J	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.21		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.08	J	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.08	J	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.09	J	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.09	J	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.08	J	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.08	J	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.09	J	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.08	J	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.1		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.1		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.1		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.09	J	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.11		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.11		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.11		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.12	J	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	10/9/2024 12:00:00 AM
Project:				Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT4-2024			SDG No.:	BN110624
Lab Sample ID:	P4368-07			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN034877.D	1	10/17/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164229

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.379		20-139		95	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.402		30-150		100	SPK: -0.4
367-12-4	2-Fluorophenol	0.22		10-100		55	SPK: -0.4
13127-88-3	Phenol-d6	0.226		10-100		56	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.269		27-123		67	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.285		34-132		71	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.112		10-131		28	SPK: -0.4
1718-51-0	Terphenyl-d14	0.278		35-157		69	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8353	7.575				
1146-65-2	Naphthalene-d8	23694	10.34				
15067-26-2	Acenaphthene-d10	10490	14.208				
1517-22-2	Phenanthrene-d10	19719	16.952				
1719-03-5	Chrysene-d12	10907	21.149				
1520-96-3	Perylene-d12	9378	23.318				

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Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT4-2024	SDG No.:	BN110624
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034878.D	1	10/17/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	8.8		1.3	6.6	6.6	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	8.4		0.85	3.3	3.3	ug/Kg
91-20-3	Naphthalene	7.3		0.69	3.3	3.3	ug/Kg
87-68-3	Hexachlorobutadiene	7		0.69	3.3	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	6.6		0.8	3.3	3.3	ug/Kg
208-96-8	Acenaphthylene	6.7		0.63	3.3	3.3	ug/Kg
Total PAH	Total PAH	118.4		14.61	3.3	52.8	ug/Kg
83-32-9	Acenaphthene	6.7		0.55	3.3	3.3	ug/Kg
86-73-7	Fluorene	6.5		0.6	3.3	3.3	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	8.4		4.2	6.6	6.6	ug/Kg
101-55-3	4-Bromophenyl-phenylether	6.5		0.79	3.3	3.3	ug/Kg
118-74-1	Hexachlorobenzene	7.1		0.85	3.3	3.3	ug/Kg
1912-24-9	Atrazine	4.9		0.76	3.3	3.3	ug/Kg
87-86-5	Pentachlorophenol	5	J	2.8	6.6	6.6	ug/Kg
85-01-8	Phenanthrene	7.4		0.63	3.3	3.3	ug/Kg
120-12-7	Anthracene	6.8		0.79	3.3	3.3	ug/Kg
206-44-0	Fluoranthene	6.3		0.67	3.3	3.3	ug/Kg
129-00-0	Pyrene	7.2		0.95	3.3	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	6.7		0.76	3.3	3.3	ug/Kg
218-01-9	Chrysene	7.5		0.86	3.3	3.3	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4.8	J	1.5	6.6	6.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	8.2		1.2	3.3	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	8.2		0.98	3.3	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	7.3		1.7	3.3	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	8.5		1.3	3.3	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	8.3		1.2	3.3	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	8.8		1.1	3.3	3.3	ug/Kg
123-91-1	1,4-Dioxane	8.5		2.2	6.6	6.6	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/9/2024 12:00:00 AM
Project:				Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT4-2024			SDG No.:	BN110624
Lab Sample ID:	P4368-02			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034878.D	1	10/17/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.518		17-161		129	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.523		23-138		131	SPK: -0.4
367-12-4	2-Fluorophenol	0.309		28-122		77	SPK: -0.4
13127-88-3	Phenol-d6	0.314		25-125		79	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.368		33-121		92	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.373		32-121		93	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.143		19-110		36	SPK: -0.4
1718-51-0	Terphenyl-d14	0.345		21-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5935	7.575				
1146-65-2	Naphthalene-d8	17065	10.34				
15067-26-2	Acenaphthene-d10	7867	14.208				
1517-22-2	Phenanthrene-d10	14868	16.952				
1719-03-5	Chrysene-d12	7963	21.149				
1520-96-3	Perylene-d12	6322	23.315				

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Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT4-2024	SDG No.:	BN110624
Lab Sample ID:	P4368-08	Matrix:	Water
Analytical Method:	8270-Modified	% 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
BN034879.D	1	10/17/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164229

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.11	J	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.09	J	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.08	J	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.07	J	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.07	J	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.07	J	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.07	J	0.02	0.1	0.1	ug/L
86-73-7	Fluorene	0.07	J	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.21		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.08	J	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.08	J	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.08	J	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.09	J	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.08	J	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.08	J	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.09	J	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.08	J	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.1		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.1		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.1		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.09	J	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.11		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.1		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.11		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.11	J	0.07	0.2	0.2	ug/L
SURROGATES							

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Report of Analysis

Client:				Date Collected:	10/9/2024 12:00:00 AM
Project:				Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT4-2024			SDG No.:	BN110624
Lab Sample ID:	P4368-08			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN034879.D	1	10/17/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164229

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
7297-45-2	2-Methylnaphthalene-d10	0.389	*	20-139			SPK: -0
93951-69-0	Fluoranthene-d10	0.383	*	30-150			SPK: -0
367-12-4	2-Fluorophenol	0.218	*	10-100			SPK: -0
13127-88-3	Phenol-d6	0.226	*	10-100			SPK: -0
4165-60-0	Nitrobenzene-d5	0.267	*	27-123			SPK: -0
321-60-8	2-Fluorobiphenyl	0.28	*	34-132			SPK: -0
118-79-6	2,4,6-Tribromophenol	0.109	*	10-131			SPK: -0
1718-51-0	Terphenyl-d14	0.29	*	35-157			SPK: -0
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9442	7.575				
1146-65-2	Naphthalene-d8	27435	10.34				
15067-26-2	Acenaphthene-d10	13006	14.211				
1517-22-2	Phenanthrene-d10	24635	16.957				
1719-03-5	Chrysene-d12	12206	21.151				
1520-96-3	Perylene-d12	9796	23.315				

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Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT4-2024	SDG No.:	BN110624
Lab Sample ID:	P4368-08	Matrix:	Water
Analytical Method:	8270-Modified	% 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
BN034880.D	1	10/17/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164229

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.26		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.25		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.22		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.21		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.19		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.2		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.2		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	3.59		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.2		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.25		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.19		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.21		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.16		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.15	J	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.22		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.21		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.21		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.2		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.21		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.23		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.15	J	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.24		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.24		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.22		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.26		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.26		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.27		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.25		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT4-2024	SDG No.:	BN110624
Lab Sample ID:	P4368-08	Matrix:	Water
Analytical Method:	8270-Modified	% 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
BN034880.D	1	10/17/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164229

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.507		20-139		127	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.564		30-150		141	SPK: -0.4
367-12-4	2-Fluorophenol	0.313		10-100		78	SPK: -0.4
13127-88-3	Phenol-d6	0.319		10-100		80	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.372		27-123		93	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.374		34-132		94	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.144		10-131		36	SPK: -0.4
1718-51-0	Terphenyl-d14	0.32		35-157		80	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5121	7.575				
1146-65-2	Naphthalene-d8	14525	10.34				
15067-26-2	Acenaphthene-d10	6468	14.211				
1517-22-2	Phenanthrene-d10	12466	16.957				
1719-03-5	Chrysene-d12	7925	21.142				
1520-96-3	Perylene-d12	7114	23.314				

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Report of Analysis

Client:				Date Collected:	10/17/2024 12:00:00 AM
Project:				Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	PB164229BL			SDG No.:	BN110624
Lab Sample ID:	PB164229BL			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN034881.D	1	10/17/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164229

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	10/17/2024 12:00:00 AM
Project:				Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	PB164229BL			SDG No.:	BN110624
Lab Sample ID:	PB164229BL			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN034881.D	1	10/17/2024 12:00:00 AM	11/6/2024 12:00:00 AM	PB164229

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.342		20-139		86	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.347		30-150		87	SPK: -0.4
367-12-4	2-Fluorophenol	0.326		10-100		81	SPK: -0.4
13127-88-3	Phenol-d6	0.321		10-100		80	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.393		27-123		98	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.451		34-132		113	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.115		10-131		29	SPK: -0.4
1718-51-0	Terphenyl-d14	0.477		35-157		119	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5724	7.575				
1146-65-2	Naphthalene-d8	15408	10.34				
15067-26-2	Acenaphthene-d10	6105	14.208				
1517-22-2	Phenanthrene-d10	10732	16.952				
1719-03-5	Chrysene-d12	4888	21.149				
1520-96-3	Perylene-d12	4283	23.315				

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Hit Summary Sheet
SW-846

SDG No.: BN110624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**LOD-MDL-SOIL-01-QT4-2024**							
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	1,4-Dioxane	5.600	J	2.2	6.6	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	2-Methylnaphthalene	4.000		0.8	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	4,6-Dinitro-2-methylphenol	7.700		4.2	6.6	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	4-Bromophenyl-phenylether	4.000		0.79	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	Acenaphthene	3.900		0.55	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	Acenaphthylene	3.800		0.63	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	Anthracene	4.400		0.79	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	Atrazine	3.800		0.76	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	Benzo(a)anthracene	4.400		0.76	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	Benzo(a)pyrene	4.700		1.7	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	Benzo(b)fluoranthene	5.000		1.2	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	Benzo(g,h,i)perylene	5.100		1.1	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	Benzo(k)fluoranthene	5.000		0.98	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	bis(2-Chloroethyl)ether	4.700		0.85	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	Bis(2-ethylhexyl)phthalate	3.000	J	1.5	6.6	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	Chrysene	4.900		0.86	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	Dibenzo(a,h)anthracene	4.800		1.2	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	Fluoranthene	4.600		0.67	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	Fluorene	3.900		0.6	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	Hexachlorobenzene	4.200		0.85	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	Hexachlorobutadiene	3.800		0.69	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	Indeno(1,2,3-cd)pyrene	5.000		1.3	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	n-Nitrosodimethylamine	5.200	J	1.3	6.6	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	Naphthalene	4.100		0.69	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	Phenanthrene	4.700		0.63	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	Pyrene	4.200		0.95	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	Total PAH	72.500		14.61	52.8	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	1,4-Dioxane	7.700		2.2	6.6	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	2-Methylnaphthalene	6.900		0.8	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	4,6-Dinitro-2-methylphenol	8.400		4.2	6.6	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	4-Bromophenyl-phenylether	6.500		0.79	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	Acenaphthene	6.700		0.55	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	Acenaphthylene	6.500		0.63	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	Anthracene	7.100		0.79	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	Atrazine	5.800		0.76	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	Benzo(a)anthracene	6.900		0.76	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	Benzo(a)pyrene	7.300		1.7	3.3	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: BN110624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Benzo(b)fluoranthene	8.100		1.2	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Benzo(g,h,i)perylene	7.800		1.1	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Benzo(k)fluoranthene	8.000		0.98	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	bis(2-Chloroethyl)ether	8.400		0.85	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Bis(2-ethylhexyl)phthalate	4.900	J	1.5	6.6	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Chrysene	7.600		0.86	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Dibenzo(a,h)anthracene	7.600		1.2	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Fluoranthene	7.100		0.67	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Fluorene	6.600		0.6	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Hexachlorobenzene	6.900		0.85	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Hexachlorobutadiene	6.800		0.69	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Indeno(1,2,3-cd)pyrene	7.700		1.3	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	n-Nitrosodimethylamine	8.200		1.3	6.6	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Naphthalene	7.200		0.69	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Phenanthrene	7.600		0.63	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Pyrene	6.800		0.95	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Total PAH	116.000		14.61	52.8	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	1,4-Dioxane	4.900	J	2.2	6.6	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	2-Methylnaphthalene	3.400		0.8	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	4,6-Dinitro-2-methylphenol	7.400		4.2	6.6	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	4-Bromophenyl-phenylether	3.300		0.79	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Acenaphthene	3.300		0.55	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Acenaphthylene	3.200	J	0.63	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Anthracene	3.600		0.79	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Atrazine	3.100	J	0.76	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Benzo(a)anthracene	3.800		0.76	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Benzo(a)pyrene	4.100		1.7	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Benzo(b)fluoranthene	4.500		1.2	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Benzo(g,h,i)perylene	4.500		1.1	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Benzo(k)fluoranthene	4.600		0.98	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	bis(2-Chloroethyl)ether	4.200		0.85	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Bis(2-ethylhexyl)phthalate	2.700	J	1.5	6.6	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Chrysene	4.200		0.86	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Dibenzo(a,h)anthracene	4.300		1.2	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Fluoranthene	3.800		0.67	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Fluorene	3.300		0.6	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Hexachlorobenzene	3.500		0.85	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Hexachlorobutadiene	3.300		0.69	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	Indeno(1,2,3-cd)pyrene	4.400		1.3	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT-	Solid	n-Nitrosodimethylamine	4.700	J	1.3	6.6	ug/Kg

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Hit Summary Sheet
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SDG No.: BN110624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	Naphthalene	3.500		0.69	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	Phenanthrene	4.000		0.63	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	Pyrene	3.900		0.95	3.3	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT4	Solid	Total PAH	63.000		14.61	52.8	ug/Kg
			Total Svoc :	**660.60**				
			Total Concentration:	**660.60**				
Client ID :	**LOQ-SOIL-02-QT4-2024**							
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	1,4-Dioxane	8.100		2.2	6.6	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	2-Methylnaphthalene	6.600		0.8	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	4,6-Dinitro-2-methylphenol	8.000		4.2	6.6	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	4-Bromophenyl-phenylether	6.500		0.79	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Acenaphthene	6.700		0.55	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Acenaphthylene	6.600		0.63	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Anthracene	7.100		0.79	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Atrazine	5.300		0.76	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Benzo(a)anthracene	7.000		0.76	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Benzo(a)pyrene	7.200		1.7	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Benzo(b)fluoranthene	8.000		1.2	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Benzo(g,h,i)perylene	9.100		1.1	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Benzo(k)fluoranthene	8.100		0.98	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	bis(2-Chloroethyl)ether	8.500		0.85	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Bis(2-ethylhexyl)phthalate	4.800	J	1.5	6.6	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Chrysene	7.800		0.86	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Dibenzo(a,h)anthracene	8.600		1.2	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Fluoranthene	6.800		0.67	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Fluorene	6.500		0.6	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Hexachlorobenzene	7.100		0.85	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Hexachlorobutadiene	6.800		0.69	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Indeno(1,2,3-cd)pyrene	8.800		1.3	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	n-Nitrosodimethylamine	9.400		1.3	6.6	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Naphthalene	7.300		0.69	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Pentachlorophenol	5.200	J	2.8	6.6	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Phenanthrene	7.600		0.63	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Pyrene	6.900		0.95	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Total PAH	120.000		14.61	52.8	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	1,4-Dioxane	8.500		2.2	6.6	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	2-Methylnaphthalene	6.600		0.8	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	4,6-Dinitro-2-methylphenol	8.400		4.2	6.6	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	4-Bromophenyl-phenylether	6.500		0.79	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Acenaphthene	6.700		0.55	3.3	ug/Kg

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

Hit Summary Sheet
SW-846

SDG No.: BN110624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Acenaphthylene	6.700		0.63	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Anthracene	6.800		0.79	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Atrazine	4.900		0.76	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Benzo(a)anthracene	6.700		0.76	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Benzo(a)pyrene	7.300		1.7	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Benzo(b)fluoranthene	8.200		1.2	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Benzo(g,h,i)perylene	8.800		1.1	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Benzo(k)fluoranthene	8.200		0.98	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	bis(2-Chloroethyl)ether	8.400		0.85	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Bis(2-ethylhexyl)phthalate	4.800	J	1.5	6.6	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Chrysene	7.500		0.86	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Dibenzo(a,h)anthracene	8.300		1.2	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Fluoranthene	6.300		0.67	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Fluorene	6.500		0.6	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Hexachlorobenzene	7.100		0.85	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Hexachlorobutadiene	7.000		0.69	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Indeno(1,2,3-cd)pyrene	8.500		1.3	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	n-Nitrosodimethylamine	8.800		1.3	6.6	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Naphthalene	7.300		0.69	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Pentachlorophenol	5.000	J	2.8	6.6	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Phenanthrene	7.400		0.63	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Pyrene	7.200		0.95	3.3	ug/Kg
P4368-02	LOQ-SOIL-02-QT4-2024	Solid	Total PAH	118.000		14.61	52.8	ug/Kg
			Total Svoc :	**628.80**				
			Total Concentration:	**628.80**				
Client ID :	**LOD-MDL-WATER-01-QT4-2024**							
P4368-07	LOD-MDL-WATER-01-(	Water	1,4-Dioxane	0.290		0.07	0.2	ug/L
P4368-07	LOD-MDL-WATER-01-(	Water	2-Methylnaphthalene	0.210		0.03	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(	Water	4,6-Dinitro-2-methylphenol	0.250		0.14	0.2	ug/L
P4368-07	LOD-MDL-WATER-01-(	Water	4-Bromophenyl-phenylether	0.190		0.03	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(	Water	Acenaphthene	0.200		0.02	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(	Water	Acenaphthylene	0.200		0.02	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(	Water	Anthracene	0.210		0.02	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(	Water	Atrazine	0.170		0.02	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(	Water	Benzo(a)anthracene	0.210		0.02	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(	Water	Benzo(a)pyrene	0.210		0.06	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(	Water	Benzo(b)fluoranthene	0.240		0.03	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(	Water	Benzo(g,h,i)perylene	0.240		0.04	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(	Water	Benzo(k)fluoranthene	0.240		0.03	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(	Water	bis(2-Chloroethyl)ether	0.250		0.03	0.1	ug/L

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

SDG No.: BN110624

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P4368-07	LOD-MDL-WATER-01-(Water	Bis(2-ethylhexyl)phthalate	0.140	J	0.14	0.2	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Chrysene	0.230		0.03	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Dibenzo(a,h)anthracene	0.230		0.04	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Fluoranthene	0.210		0.02	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Fluorene	0.200		0.02	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Hexachlorobenzene	0.210		0.03	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Hexachlorobutadiene	0.200		0.03	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Indeno(1,2,3-cd)pyrene	0.230		0.04	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	n-Nitrosodimethylamine	0.300		0.03	0.2	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Naphthalene	0.220		0.02	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Pentachlorophenol	0.160	J	0.09	0.2	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Phenanthrene	0.230		0.02	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Pyrene	0.210		0.02	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Total PAH	3.510		0.45	1.6	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	1,4-Dioxane	0.120	J	0.07	0.2	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	2-Methylnaphthalene	0.070	J	0.03	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	4,6-Dinitro-2-methylphenol	0.210		0.14	0.2	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	4-Bromophenyl-phenylether	0.080	J	0.03	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Acenaphthene	0.080	J	0.02	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Acenaphthylene	0.070	J	0.02	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Anthracene	0.080	J	0.02	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Atrazine	0.090	J	0.02	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Benzo(a)anthracene	0.080	J	0.02	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Benzo(a)pyrene	0.090	J	0.06	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Benzo(b)fluoranthene	0.100		0.03	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Benzo(g,h,i)perylene	0.110		0.04	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Benzo(k)fluoranthene	0.100		0.03	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	bis(2-Chloroethyl)ether	0.090	J	0.03	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Chrysene	0.100		0.03	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Dibenzo(a,h)anthracene	0.110		0.04	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Fluoranthene	0.080	J	0.02	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Fluorene	0.070	J	0.02	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Hexachlorobenzene	0.080	J	0.03	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Hexachlorobutadiene	0.080	J	0.03	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Indeno(1,2,3-cd)pyrene	0.110		0.04	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	n-Nitrosodimethylamine	0.110	J	0.03	0.2	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Naphthalene	0.080	J	0.02	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Phenanthrene	0.090	J	0.02	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Pyrene	0.090	J	0.02	0.1	ug/L
P4368-07	LOD-MDL-WATER-01-(Water	Total PAH	1.440	J	0.45	1.6	ug/L

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

SDG No.: BN110624

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
		Total Svoc :	**13.20**				
		Total Concentration:	**13.20**				
Client ID :	**LOQ-WATER-02-QT4-2024**						
P4368-08	LOQ-WATER-02-QT4-2(Water	1,4-Dioxane	0.250		0.07	0.2	ug/L
P4368-08	LOQ-WATER-02-QT4-2(Water	2-Methylnaphthalene	0.190		0.03	0.1	ug/L
P4368-08	LOQ-WATER-02-QT4-2(Water	4,6-Dinitro-2-methylphenol	0.250		0.14	0.2	ug/L
P4368-08	LOQ-WATER-02-QT4-2(Water	4-Bromophenyl-phenylether	0.190		0.03	0.1	ug/L
P4368-08	LOQ-WATER-02-QT4-2(Water	Acenaphthene	0.200		0.02	0.1	ug/L
P4368-08	LOQ-WATER-02-QT4-2(Water	Acenaphthylene	0.200		0.02	0.1	ug/L
P4368-08	LOQ-WATER-02-QT4-2(Water	Anthracene	0.210		0.02	0.1	ug/L
P4368-08	LOQ-WATER-02-QT4-2(Water	Atrazine	0.160		0.02	0.1	ug/L
P4368-08	LOQ-WATER-02-QT4-2(Water	Benzo(a)anthracene	0.210		0.02	0.1	ug/L
P4368-08	LOQ-WATER-02-QT4-2(Water	Benzo(a)pyrene	0.220		0.06	0.1	ug/L
P4368-08	LOQ-WATER-02-QT4-2(Water	Benzo(b)fluoranthene	0.240		0.03	0.1	ug/L
P4368-08	LOQ-WATER-02-QT4-2(Water	Benzo(g,h,i)perylene	0.270		0.04	0.1	ug/L
P4368-08	LOQ-WATER-02-QT4-2(Water	Benzo(k)fluoranthene	0.240		0.03	0.1	ug/L
P4368-08	LOQ-WATER-02-QT4-2(Water	bis(2-Chloroethyl)ether	0.250		0.03	0.1	ug/L
P4368-08	LOQ-WATER-02-QT4-2(Water	Bis(2-ethylhexyl)phthalate	0.150	J	0.14	0.2	ug/L
P4368-08	LOQ-WATER-02-QT4-2(Water	Chrysene	0.230		0.03	0.1	ug/L
P4368-08	LOQ-WATER-02-QT4-2(Water	Dibenzo(a,h)anthracene	0.260		0.04	0.1	ug/L
P4368-08	LOQ-WATER-02-QT4-2(Water	Fluoranthene	0.210		0.02	0.1	ug/L
P4368-08	LOQ-WATER-02-QT4-2(Water	Fluorene	0.200		0.02	0.1	ug/L
P4368-08	LOQ-WATER-02-QT4-2(Water	Hexachlorobenzene	0.210		0.03	0.1	ug/L
P4368-08	LOQ-WATER-02-QT4-2(Water	Hexachlorobutadiene	0.210		0.03	0.1	ug/L
P4368-08	LOQ-WATER-02-QT4-2(Water	Indeno(1,2,3-cd)pyrene	0.260		0.04	0.1	ug/L
P4368-08	LOQ-WATER-02-QT4-2(Water	n-Nitrosodimethylamine	0.260		0.03	0.2	ug/L
P4368-08	LOQ-WATER-02-QT4-2(Water	Naphthalene	0.220		0.02	0.1	ug/L
P4368-08	LOQ-WATER-02-QT4-2(Water	Pentachlorophenol	0.150	J	0.09	0.2	ug/L
P4368-08	LOQ-WATER-02-QT4-2(Water	Phenanthrene	0.220		0.02	0.1	ug/L
P4368-08	LOQ-WATER-02-QT4-2(Water	Pyrene	0.200		0.02	0.1	ug/L
P4368-08	LOQ-WATER-02-QT4-2(Water	Total PAH	3.590		0.45	1.6	ug/L
		Total Svoc :	**9.45**				
		Total Concentration:	**9.45**				

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN103024 SAS No.: BN103024 SDG No.: BN103024

Instrument ID: Calibration Date(s): 10/30/2024

Calibration Time(s): 09:20

LAB FILE ID: RRF0.1 = BN034740.D RRF0.2 = BN034741.D RRF0.4 = BN034742.D
RRF0.8 = BN034743.D RRF1.6 = BN034744.D RRF3.2 = BN034745.D

COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.577	0.560	0.519	0.628	0.617	0.569	0.579	6.3
Fluoranthene-d10	0.935	0.883	0.849	1.006	1.019	0.940	0.938	6.5
n-Nitrosodimethylamine	0.506	0.483	0.437	0.537	0.523	0.484	0.494	6.6
2-Fluorophenol	1.305	1.235	1.096	1.293	1.248	1.144	1.212	6.5
Phenol-d6	1.675	1.592	1.406	1.658	1.625	1.511	1.574	6.0
bis(2-Chloroethyl)ether	1.155	1.134	1.057	1.247	1.211	1.115	1.149	5.5
Nitrobenzene-d5	0.320	0.305	0.278	0.338	0.328	0.308	0.314	6.3
Naphthalene	1.150	1.096	0.996	1.191	1.153	1.069	1.106	5.9
Hexachlorobutadiene	0.191	0.182	0.165	0.197	0.190	0.173	0.182	6.2
2-Methylnaphthalene	0.719	0.708	0.649	0.785	0.769	0.709	0.723	6.2
2-Fluorobiphenyl	1.593	1.579	1.360	1.726	1.667	1.542	1.575	7.3
Acenaphthylene	2.027	1.956	1.678	2.156	2.136	2.018	2.007	8.0
Acenaphthene	1.338	1.292	1.133	1.458	1.440	1.332	1.337	8.1
Fluorene	1.692	1.628	1.434	1.816	1.793	1.650	1.667	7.6
4,6-Dinitro-2-methylphenol		0.043	0.045	0.060	0.065	0.069	0.059	22.2
2,4,6-Tribromophenol	0.199	0.178	0.158	0.204	0.213	0.206	0.198	11.3
4-Bromophenyl-phenylether	0.235	0.234	0.210	0.246	0.238	0.229	0.231	4.8
Hexachlorobenzene	0.265	0.262	0.238	0.278	0.267	0.254	0.259	5.1
Atrazine	0.196	0.190	0.178	0.214	0.214	0.203	0.199	6.4
Pentachlorophenol	0.102	0.088	0.091	0.114	0.122	0.127	0.112	16.8
Phenanthrene	1.166	1.168	1.076	1.267	1.233	1.168	1.177	5.2
Anthracene	1.080	1.074	0.990	1.163	1.177	1.108	1.101	5.7
Fluoranthene	1.282	1.221	1.174	1.404	1.416	1.296	1.297	6.8
Pyrene	2.207	2.148	1.926	2.280	2.091	2.001	2.091	6.1
Terphenyl-d14	0.911	0.869	0.788	0.931	0.867	0.825	0.859	5.9
Benzo(a)anthracene	1.620	1.534	1.406	1.721	1.679	1.581	1.592	6.5
Chrysene	1.596	1.522	1.406	1.688	1.644	1.519	1.559	6.0
Bis(2-ethylhexyl)phthalate	1.487	1.243	1.291	1.388	1.332	1.237	1.331	6.6
Benzo(b)fluoranthene	1.589	1.500	1.450	1.753	1.730	1.619	1.610	6.9
Benzo(k)fluoranthene	1.562	1.491	1.396	1.704	1.653	1.605	1.571	6.5
Benzo(a)pyrene	1.315	1.277	1.181	1.434	1.404	1.336	1.329	6.3
Indeno(1,2,3-cd)pyrene	1.517	1.552	1.332	1.572	1.482	1.423	1.471	5.8
Dibenzo(a,h)anthracene	1.189	1.210	1.035	1.230	1.152	1.110	1.147	6.0
Benzo(g,h,i)perylene	1.302	1.335	1.138	1.329	1.223	1.185	1.240	6.5
1,4-Dioxane	0.498	0.441	0.407	0.462	0.438	0.418	0.439	7.6

All other compounds must meet a minimum RRF of 0.010.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN110624 SAS No.: BN110624 SDG NO.: BN110624

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Nov 6 2024 12:00AM

Lab File ID: BN034742.D Time Analyzed: 11:54

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	8011	7.604	24120	10.37	13699	14.23
	UPPER LIMIT	16022	8.104	48240	10.872	27398	14.733
	LOWER LIMIT	4005.5	7.104	12060	9.872	6849.5	13.733
	EPA SAMPLE NO.						
01	PB164230BL	6794	7.58	20013	10.34	9391	14.21
02	LOD-MDL-SOIL-01-QT4-2024	6262	7.58	19178	10.34	9775	14.21
03	LOD-MDL-SOIL-01-QT4-2024	6211	7.58	19111	10.34	9731	14.21
04	LOD-MDL-SOIL-01-QT4-2024	7518	7.58	23228	10.34	11583	14.21
05	LOD-MDL-WATER-01-QT4-2024	6337	7.58	19447	10.34	9848	14.21
06	LOQ-SOIL-02-QT4-2024	5380	7.58	15501	10.34	7152	14.21
07	LOD-MDL-WATER-01-QT4-2024	8353	7.58	23694	10.34	10490	14.21
08	LOQ-SOIL-02-QT4-2024	5935	7.58	17065	10.34	7867	14.21
09	LOQ-WATER-02-QT4-2024	5121	7.58	14525	10.34	6468 *	14.21
10	PB164229BL	5724	7.58	15408	10.34	6105 *	14.21

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN110624 SAS No.: BN110624 SDG NO.: BN110624

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Nov 6 2024 12:00AM

Lab File ID: BN034869.D Time Analyzed: 11:54

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	8735	7.575	26575	10.34	13621	14.21
	UPPER LIMIT	17470	8.075	53150	10.84	27242	14.711
	LOWER LIMIT	4367.5	7.075	13287.5	9.84	6810.5	13.711
	EPA SAMPLE NO.						
01	PB164230BL	6794	7.58	20013	10.34	9391	14.21
02	LOD-MDL-SOIL-01-QT4-2024	6262	7.58	19178	10.34	9775	14.21
03	LOD-MDL-SOIL-01-QT4-2024	6211	7.58	19111	10.34	9731	14.21
04	LOD-MDL-SOIL-01-QT4-2024	7518	7.58	23228	10.34	11583	14.21
05	LOD-MDL-WATER-01-QT4-2024	6337	7.58	19447	10.34	9848	14.21
06	LOQ-SOIL-02-QT4-2024	5380	7.58	15501	10.34	7152	14.21
07	LOD-MDL-WATER-01-QT4-2024	8353	7.58	23694	10.34	10490	14.21
08	LOQ-SOIL-02-QT4-2024	5935	7.58	17065	10.34	7867	14.21
09	LOQ-WATER-02-QT4-2024	5121	7.58	14525	10.34	6468 *	14.21
10	PB164229BL	5724	7.58	15408	10.34	6105 *	14.21

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN110624 SAS No.: BN110624 SDG NO.: BN110624

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Nov 6 2024 12:00AM

Lab File ID: BN034742.D Time Analyzed: 11:54

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

		IS4 (PHN) AREA #		RT #	IS5 (CRY) AREA #		RT #	IS6 (PRY) AREA #		RT #
	12 HOUR STD	27882		16.982	17310		21.178	14673		23.361
	UPPER LIMIT	55764		17.482	34620		21.678	29346		23.861
	LOWER LIMIT	13941		16.482	8655		20.678	7336.5		22.861
	EPA SAMPLE NO.									
01	PB164230BL	19065		16.96	11335		21.15	9571		23.32
02	LOD-MDL-SOIL-01-QT4-2024	19406		16.95	12823		21.15	11237		23.32
03	LOD-MDL-SOIL-01-QT4-2024	19187		16.95	12425		21.15	10137		23.32
04	LOD-MDL-SOIL-01-QT4-2024	23350		16.96	13735		21.15	10782		23.32
05	LOD-MDL-WATER-01-QT4-2024	19525		16.96	11906		21.15	9629		23.32
06	LOQ-SOIL-02-QT4-2024	13496	*	16.95	8222	*	21.15	7354		23.32
07	LOD-MDL-WATER-01-QT4-2024	19719		16.95	10907		21.15	9378		23.32
08	LOQ-SOIL-02-QT4-2024	14868		16.95	7963	*	21.15	6322	*	23.32
09	LOQ-WATER-02-QT4-2024	12466	*	16.96	7925	*	21.14	7114	*	23.31
10	PB164229BL	10732	*	16.95	4888	*	21.15	4283	*	23.32

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN110624 SAS No.: BN110624 SDG NO.: BN110624

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Nov 6 2024 12:00AM

Lab File ID: BN034869.D Time Analyzed: 11:54

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

		IS4 (PHN) AREA #		RT #	IS5 (CRY) AREA #		RT #	IS6 (PRY) AREA #		RT #
	12 HOUR STD	27329		16.957	19519		21.151	18719		23.317
	UPPER LIMIT	54658		17.457	39038		21.651	37438		23.817
	LOWER LIMIT	13664.5		16.457	9759.5		20.651	9359.5		22.817
	EPA SAMPLE NO.									
01	PB164230BL	19065		16.96	11335		21.15	9571		23.32
02	LOD-MDL-SOIL-01-QT4-2024	19406		16.95	12823		21.15	11237		23.32
03	LOD-MDL-SOIL-01-QT4-2024	19187		16.95	12425		21.15	10137		23.32
04	LOD-MDL-SOIL-01-QT4-2024	23350		16.96	13735		21.15	10782		23.32
05	LOD-MDL-WATER-01-QT4-2024	19525		16.96	11906		21.15	9629		23.32
06	LOQ-SOIL-02-QT4-2024	13496	*	16.95	8222	*	21.15	7354	*	23.32
07	LOD-MDL-WATER-01-QT4-2024	19719		16.95	10907		21.15	9378		23.32
08	LOQ-SOIL-02-QT4-2024	14868		16.95	7963	*	21.15	6322	*	23.32
09	LOQ-WATER-02-QT4-2024	12466	*	16.96	7925	*	21.14	7114	*	23.31
10	PB164229BL	10732	*	16.95	4888	*	21.15	4283	*	23.32

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

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

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

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN110624

Client:

Analytical Method: 8270-Modified **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
P4368-08	n-Nitrosodimethylamine	0.2	0.11	ug/L	55		*		70	130	
	bis(2-Chloroethyl)ether	0.1	0.09	ug/L	90				70	130	
	Naphthalene	0.1	0.08	ug/L	80				70	130	
	Hexachlorobutadiene	0.1	0.07	ug/L	70				70	130	
	2-Methylnaphthalene	0.1	0.07	ug/L	70				70	130	
	Acenaphthylene	0.1	0.07	ug/L	70				70	130	
	Acenaphthene	0.1	0.07	ug/L	70				70	130	
	Fluorene	0.1	0.07	ug/L	70				70	130	
	4,6-Dinitro-2-methylphenol	0.2	0.21	ug/L	105				70	130	
	4-Bromophenyl-phenylether	0.1	0.08	ug/L	80				70	130	
	Hexachlorobenzene	0.1	0.08	ug/L	80				70	130	
	Atrazine	0.1	0.08	ug/L	80				70	130	
	Pentachlorophenol	0.2	0	ug/L	0		*		70	130	
	Phenanthrene	0.1	0.09	ug/L	90				70	130	
	Anthracene	0.1	0.08	ug/L	80				70	130	
	Fluoranthene	0.1	0.08	ug/L	80				70	130	
	Pyrene	0.1	0.09	ug/L	90				70	130	
	Benzo(a)anthracene	0.1	0.08	ug/L	80				70	130	
	Chrysene	0.1	0.1	ug/L	100				70	130	
	bis(2-Ethylhexyl)phthalate	0.2	0	ug/L	0		*		70	130	
	Benzo(b)fluoranthene	0.1	0.1	ug/L	100				70	130	
	Benzo(k)fluoranthene	0.1	0.1	ug/L	100				70	130	
	Benzo(a)pyrene	0.1	0.09	ug/L	90				70	130	
	Indeno(1,2,3-cd)pyrene	0.1	0.11	ug/L	110				70	130	
	Dibenz(a,h)anthracene	0.1	0.1	ug/L	100				70	130	
	Benzo(g,h,i)perylene	0.1	0.11	ug/L	110				70	130	
	1,4-Dioxane	0.2	0.11	ug/L	55		*		70	130	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN110624

Client:

Analytical Method: 8270-Modified **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
P4368-02	n-Nitrosodimethylamine	6.6	3.7	ug/Kg	56		*		70	130	
	bis(2-Chloroethyl)ether	3.3	3	ug/Kg	91				70	130	
	Naphthalene	3.3	2.6	ug/Kg	79				70	130	
	Hexachlorobutadiene	3.3	2.5	ug/Kg	76				70	130	
	2-Methylnaphthalene	3.3	2.4	ug/Kg	73				70	130	
	Acenaphthylene	3.3	2.4	ug/Kg	73				70	130	
	Acenaphthene	3.3	2.4	ug/Kg	73				70	130	
	Fluorene	3.3	2.4	ug/Kg	73				70	130	
	4,6-Dinitro-2-methylphenol	6.6	7	ug/Kg	106				70	130	
	4-Bromophenyl-phenylether	3.3	2.5	ug/Kg	76				70	130	
	Hexachlorobenzene	3.3	2.7	ug/Kg	82				70	130	
	Atrazine	3.3	2.8	ug/Kg	85				70	130	
	Pentachlorophenol	6.6	0	ug/Kg	0		*		70	130	
	Phenanthrene	3.3	2.9	ug/Kg	88				70	130	
	Anthracene	3.3	2.7	ug/Kg	82				70	130	
	Fluoranthene	3.3	2.6	ug/Kg	79				70	130	
	Pyrene	3.3	2.9	ug/Kg	88				70	130	
	Benzo(a)anthracene	3.3	2.8	ug/Kg	85				70	130	
	Chrysene	3.3	3.1	ug/Kg	94				70	130	
	bis(2-Ethylhexyl)phthalate	6.6	1.9	ug/Kg	29		*		70	130	
	Benzo(b)fluoranthene	3.3	3.2	ug/Kg	97				70	130	
	Benzo(k)fluoranthene	3.3	3.3	ug/Kg	100				70	130	
	Benzo(a)pyrene	3.3	2.9	ug/Kg	88				70	130	
	Indeno(1,2,3-cd)pyrene	3.3	3.5	ug/Kg	106				70	130	
	Dibenz(a,h)anthracene	3.3	3.4	ug/Kg	103				70	130	
	Benzo(g,h,i)perylene	3.3	3.6	ug/Kg	109				70	130	
	1,4-Dioxane	6.6	3.6	ug/Kg	55		*		70	130	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164229BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN110624 SAS No.: BN110624 SDG NO.: BN110624

Lab File ID: BN034881.D Lab Sample ID: PB164229BL

Instrument ID: BNA_N Date Extracted: 10/17/2024

Matrix: (soil/water) Water Date Analyzed: 11/06/2024

Level: (low/med) LOW Time Analyzed: 19:52

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
LOQ-WATER-02-QT4-2024	P4368-08	BN034880.D	11/06/2024
LOD-MDL-WATER-01-QT4-2024	P4368-07	BN034874.D	11/06/2024
LOD-MDL-WATER-01-QT4-2024	P4368-07	BN034877.D	11/06/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164230BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN110624 SAS No.: BN110624 SDG NO.: BN110624

Lab File ID: BN034870.D Lab Sample ID: PB164230BL

Instrument ID: BNA_N Date Extracted: 10/17/2024

Matrix: (soil/water) Solid Date Analyzed: 11/06/2024

Level: (low/med) LOW Time Analyzed: 11:54

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
LOD-MDL-SOIL-01-QT4-2024	P4368-01	BN034871.D	11/06/2024
LOD-MDL-SOIL-01-QT4-2024	P4368-01	BN034872.D	11/06/2024
LOD-MDL-SOIL-01-QT4-2024	P4368-01	BN034873.D	11/06/2024
LOQ-SOIL-02-QT4-2024	P4368-02	BN034878.D	11/06/2024
LOQ-SOIL-02-QT4-2024	P4368-02	BN034876.D	11/06/2024

COMMENTS:

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Surrogate Summary

SW-846

SDG No.: BN110624

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	High
P4368-07	LOD-MDL-WATEF	BN034874.D	2-Methylnaphthalene-d10	0.4	0.55	137		20	139
		BN034877.D	2-Methylnaphthalene-d10	0.4	0.38	95		20	139
			Fluoranthene-d10	0.4	0.40	100		30	150
		BN034874.D	Fluoranthene-d10	0.4	0.58	145		30	150
		BN034877.D	2-Fluorophenol	0.4	0.22	55		10	100
		BN034874.D	2-Fluorophenol	0.4	0.31	77		10	100
			Phenol-d6	0.4	0.32	80		10	100
		BN034877.D	Phenol-d6	0.4	0.23	56		10	100
			Nitrobenzene-d5	0.4	0.27	67		27	123
		BN034874.D	Nitrobenzene-d5	0.4	0.37	93		27	123
			2-Fluorobiphenyl	0.4	0.36	90		34	132
		BN034877.D	2-Fluorobiphenyl	0.4	0.29	71		34	132
			2,4,6-Tribromophenol	0.4	0.11	28		10	131
		BN034874.D	2,4,6-Tribromophenol	0.4	0.16	41		10	131
		BN034877.D	Terphenyl-d14	0.4	0.28	69		35	157
		BN034874.D	Terphenyl-d14	0.4	0.34	86		35	157
P4368-08	LOQ-WATER-02-Q	BN034880.D	2-Methylnaphthalene-d10	0.4	0.51	127		20	139
			Fluoranthene-d10	0.4	0.56	141		30	150
			2-Fluorophenol	0.4	0.31	78		10	100
			Phenol-d6	0.4	0.32	80		10	100
			Nitrobenzene-d5	0.4	0.37	93		27	123
			2-Fluorobiphenyl	0.4	0.37	94		34	132
			2,4,6-Tribromophenol	0.4	0.14	36		10	131
			Terphenyl-d14	0.4	0.32	80		35	157
PB164229BL	PB164229BL	BN034881.D	2-Methylnaphthalene-d10	0.4	0.34	86		20	139
			Fluoranthene-d10	0.4	0.35	87		30	150
			2-Fluorophenol	0.4	0.33	81		10	100
			Phenol-d6	0.4	0.32	80		10	100
			Nitrobenzene-d5	0.4	0.39	98		27	123
			2-Fluorobiphenyl	0.4	0.45	113		34	132
			2,4,6-Tribromophenol	0.4	0.12	29		10	131
			Terphenyl-d14	0.4	0.48	119		35	157

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Surrogate Summary

SW-846

SDG No.: BN110624

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4368-01	LOD-MDL-SOIL-0	BN034873.D	2-Methylnaphthalene-d10	0.4	0.54	135		17	161
		BN034872.D	2-Methylnaphthalene-d10	0.4	0.55	137		17	161
		BN034871.D	2-Methylnaphthalene-d10	0.4	0.64	161		17	161
			Fluoranthene-d10	0.4	0.70	174	*	23	138
		BN034872.D	Fluoranthene-d10	0.4	0.59	147	*	23	138
		BN034873.D	Fluoranthene-d10	0.4	0.57	142	*	23	138
		BN034872.D	2-Fluorophenol	0.4	0.31	78		28	122
		BN034873.D	2-Fluorophenol	0.4	0.31	77		28	122
		BN034871.D	2-Fluorophenol	0.4	0.36	89		28	122
			Phenol-d6	0.4	0.38	94		25	125
		BN034872.D	Phenol-d6	0.4	0.33	82		25	125
		BN034873.D	Phenol-d6	0.4	0.32	80		25	125
			Nitrobenzene-d5	0.4	0.37	92		33	121
		BN034872.D	Nitrobenzene-d5	0.4	0.37	94		33	121
		BN034871.D	Nitrobenzene-d5	0.4	0.43	108		33	121
			2-Fluorobiphenyl	0.4	0.42	106		32	121
		BN034872.D	2-Fluorobiphenyl	0.4	0.36	90		32	121
		BN034873.D	2-Fluorobiphenyl	0.4	0.37	91		32	121
			2,4,6-Tribromophenol	0.4	0.18	45		19	110
		BN034872.D	2,4,6-Tribromophenol	0.4	0.18	44		19	110
		BN034871.D	2,4,6-Tribromophenol	0.4	0.24	61		19	110
			Terphenyl-d14	0.4	0.42	105		21	130
		BN034872.D	Terphenyl-d14	0.4	0.33	83		21	130
		BN034873.D	Terphenyl-d14	0.4	0.38	94		21	130
P4368-02	LOQ-SOIL-02-QT4	BN034878.D	2-Methylnaphthalene-d10	0.4	0.52	129		17	161
		BN034876.D	2-Methylnaphthalene-d10	0.4	0.52	130		17	161
			Fluoranthene-d10	0.4	0.57	141	*	23	138
		BN034878.D	Fluoranthene-d10	0.4	0.52	131		23	138
			2-Fluorophenol	0.4	0.31	77		28	122
		BN034876.D	2-Fluorophenol	0.4	0.31	78		28	122
			Phenol-d6	0.4	0.32	79		25	125
		BN034878.D	Phenol-d6	0.4	0.31	79		25	125
			Nitrobenzene-d5	0.4	0.37	92		33	121
		BN034876.D	Nitrobenzene-d5	0.4	0.37	93		33	121
			2-Fluorobiphenyl	0.4	0.38	94		32	121
		BN034878.D	2-Fluorobiphenyl	0.4	0.37	93		32	121
		BN034876.D	2,4,6-Tribromophenol	0.4	0.15	38		19	110
		BN034878.D	2,4,6-Tribromophenol	0.4	0.14	36		19	110
		BN034876.D	Terphenyl-d14	0.4	0.33	83		21	130
		BN034878.D	Terphenyl-d14	0.4	0.35	86		21	130
PB164230BL	PB164230BL	BN034870.D	2-Methylnaphthalene-d10	0.4	0.37	92		17	161
			Fluoranthene-d10	0.4	0.40	100		23	138
			2-Fluorophenol	0.4	0.37	92		28	122
			Phenol-d6	0.4	0.38	95		25	125
			Nitrobenzene-d5	0.4	0.41	103		33	121
			2-Fluorobiphenyl	0.4	0.42	106		32	121
			2,4,6-Tribromophenol	0.4	0.23	57		19	110
			Terphenyl-d14	0.4	0.46	115		21	130

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN110624

Lab Code: CHEM SAS No.: BN110624 SDG NO.: BN110624

Lab File ID: BN034868.D DFTPP Injection Date: 11/06/2024

Instrument ID: BNA_N DFTPP Injection Time: 08:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	58.5
68	Less than 2.0% of mass 69	0.9 (1.7) 1
69	Mass 69 relative abundance	52.8
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	61.2
197	Less than 2.0% of mass 198	0.4
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	20.3
365	Greater than 1% of mass 198	2.4
441	Present, but less than mass 443	7.8
442	Greater than 50% of mass 198	47.4
443	15.0 - 24.0% of mass 442	9.2 (19.4) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN034869.D	11/06/2024	11:18
PB164230BL	PB164230BL	BN034870.D	11/06/2024	11:54
LOD-MDL-SOIL-01-QT4-2024	P4368-01	BN034871.D	11/06/2024	12:30
LOD-MDL-SOIL-01-QT4-2024	P4368-01	BN034872.D	11/06/2024	13:07
LOD-MDL-SOIL-01-QT4-2024	P4368-01	BN034873.D	11/06/2024	13:46
LOD-MDL-WATER-01-QT4-2024	P4368-07	BN034874.D	11/06/2024	14:22
LOQ-SOIL-02-QT4-2024	P4368-02	BN034876.D	11/06/2024	16:50
LOD-MDL-WATER-01-QT4-2024	P4368-07	BN034877.D	11/06/2024	17:26
LOQ-SOIL-02-QT4-2024	P4368-02	BN034878.D	11/06/2024	18:03
LOQ-WATER-02-QT4-2024	P4368-08	BN034880.D	11/06/2024	19:15
PB164229BL	PB164229BL	BN034881.D	11/06/2024	19:52
SSTDCCC0.4EC	SSTDCCC0.4	BN034882.D	11/06/2024	20:28