CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN030524 SAS No.: BN030524 SDG No.: BN030524

Instrument ID: BNA_N Calibration Date/Time: 3/6/2024 12: 01:29

Lab File ID: BN030280.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	0.580	0.613		5.69	20.0
Fluoranthene-d10	1.098	1.123		2.277	20.0
n-Nitrosodimethylamine	0.548	0.564		2.92	20.0
2-Fluorophenol	1.050	1.126		7.238	20.0
Phenol-d6	1.105	1.165		5.43	20.0
bis(2-Chloroethyl)ether	0.876	0.943		7.648	20.0
Nitrobenzene-d5	0.365	0.359		-1.644	20.0
Naphthalene	1.117	1.168		4.566	20.0
Hexachlorobutadiene	0.255	0.270		5.882	20.0
2-Methylnaphthalene	0.689	0.703		2.032	20.0
2-Fluorobiphenyl	1.661	1.735		4.455	20.0
Acenaphthylene	1.930	1.977		2.435	20.0
Acenaphthene	1.246	1.313		5.377	20.0
Fluorene	1.499	1.573		4.937	20.0
4,6-Dinitro-2-methylphenol	0.083	0.081		-2.41	20.0
2,4,6-Tribromophenol	0.206	0.202		-1.942	20.0
4-Bromophenyl-phenylether	0.244	0.241		-1.23	20.0
Hexachlorobenzene	0.283	0.297		4.947	20.0
Atrazine	0.217	0.213		-1.843	20.0
Pentachlorophenol	0.147	0.147		0.0	20.0
Phenanthrene	1.144	1.174		2.622	20.0
Anthracene	1.051	1.026		-2.379	20.0
Fluoranthene	1.393	1.400		0.503	20.0
Pyrene	1.679	1.678		-0.06	20.0
Terphenyl-d14	1.037	1.019		-1.736	20.0
Benzo(a)anthracene	1.402	1.351		-3.638	20.0
Chrysene	1.518	1.615		6.39	20.0
Bis(2-ethylhexyl)phthalate	1.118	1.022		-8.505	20.0
Benzo(b)fluoranthene	1.398	1.387		-0.787	20.0
Benzo(k)fluoranthene	1.420	1.451		2.183	20.0
Benzo(a)pyrene	1.235	1.259		1.943	20.0
Indeno(1,2,3-cd)pyrene	1.676	1.687		0.656	20.0
Dibenzo(a,h)anthracene	1.317	1.365		3.645	20.0
Benzo(g,h,i)perylene	1.519	1.550		2.041	20.0
1,4-Dioxane	0.519	0.526		1.349	20.0

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN030524 SAS No.: BN030524 SDG No.: BN030524

Instrument ID: BNA_N Calibration Date/Time: 3/5/2024 12: 13:58

Lab File ID: BN030270.D Init. Calib. Date(s):

EPA Sample No.: SSTDICCC0.4 Init. Calib. Time(s):

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.580	0.607		4.655	20.0
Fluoranthene-d10	1.098	1.132		3.097	20.0
n-Nitrosodimethylamine	0.548	0.543		-0.912	20.0
2-Fluorophenol	1.050	1.054		0.381	20.0
Phenol-d6	1.105	1.093		-1.086	20.0
bis(2-Chloroethyl)ether	0.876	0.868		-0.913	20.0
Nitrobenzene-d5	0.365	0.369		1.096	20.0
Naphthalene	1.117	1.169		4.655	20.0
Hexachlorobutadiene	0.255	0.270		5.882	20.0
2-Methylnaphthalene	0.689	0.719		4.354	20.0
2-Fluorobiphenyl	1.661	1.710		2.95	20.0
Acenaphthylene	1.930	1.953		1.192	20.0
Acenaphthene	1.246	1.290		3.531	20.0
Fluorene	1.499	1.547		3.202	20.0
4,6-Dinitro-2-methylphenol	0.083	0.077		-7.229	20.0
2,4,6-Tribromophenol	0.206	0.217		5.34	20.0
4-Bromophenyl-phenylether	0.244	0.255		4.508	20.0
Hexachlorobenzene	0.283	0.291		2.827	20.0
Atrazine	0.217	0.228		5.069	20.0
Pentachlorophenol	0.147	0.154		4.762	20.0
Phenanthrene	1.144	1.169		2.185	20.0
Anthracene	1.051	1.076		2.379	20.0
Fluoranthene	1.393	1.449		4.02	20.0
Pyrene	1.679	1.764		5.063	20.0
Terphenyl-d14	1.037	1.077		3.857	20.0
Benzo(a)anthracene	1.402	1.417		1.07	20.0
Chrysene	1.518	1.576		3.821	20.0
Bis(2-ethylhexyl)phthalate	1.118	1.180		5.64	20.0
Benzo(b)fluoranthene	1.398	1.430		2.289	20.0
Benzo(k)fluoranthene	1.420	1.467		3.31	20.0
Benzo(a)pyrene	1.235	1.249		1.134	20.0
Indeno(1,2,3-cd)pyrene	1.676	1.691		0.895	20.0
Dibenzo(a,h)anthracene	1.317	1.270		-3.569	20.0
Benzo(g,h,i)perylene	1.519	1.546		1.777	20.0
1,4-Dioxane	0.519	0.554		6.744	20.0

All other compounds must meet a minimum RRF of 0.010.

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

Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	ICVBN030524			SDG No.:	BN030524
Lab Sample ID:	SSTDICV0.4			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000 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
BN030275.D	1		3/5/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	350		29	200	200	ug/L
111-44-4	bis(2-Chloroethyl)ether	370		21	100	100	ug/L
91-20-3	Naphthalene	370		19	100	100	ug/L
87-68-3	Hexachlorobutadiene	350		19	100	100	ug/L
91-57-6	2-Methylnaphthalene	370		21	100	100	ug/L
208-96-8	Acenaphthylene	390		18	100	100	ug/L
83-32-9	Acenaphthene	360		16	100	100	ug/L
Total PAH	Total PAH	5820		400	100	1600	ug/L
86-73-7	Fluorene	350		17	100	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	330		73	200	200	ug/L
101-55-3	4-Bromophenyl-phenylether	360		20	100	100	ug/L
118-74-1	Hexachlorobenzene	370		24	100	100	ug/L
1912-24-9	Atrazine	370		18	100	100	ug/L
87-86-5	Pentachlorophenol	320		59	200	200	ug/L
85-01-8	Phenanthrene	380		19	100	100	ug/L
120-12-7	Anthracene	370		22	100	100	ug/L
206-44-0	Fluoranthene	360		19	100	100	ug/L
129-00-0	Pyrene	360		26	100	100	ug/L
56-55-3	Benzo(a)anthracene	370		24	100	100	ug/L
218-01-9	Chrysene	380		20	100	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	340		81	200	200	ug/L
205-99-2	Benzo(b)fluoranthene	350		24	100	100	ug/L
207-08-9	Benzo(k)fluoranthene	360		27	100	100	ug/L
50-32-8	Benzo(a)pyrene	370		36	100	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	370		40	100	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	340		42	100	100	ug/L
191-24-2	Benzo(g,h,i)perylene	340		31	100	100	ug/L
123-91-1	1,4-Dioxane	370		61	200	200	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	376	*	30-150		94000	SPK: -0.4
93951-69-0	Fluoranthene-d10	375	*	30-150		93750	SPK: -0.4

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

Report of Analysis

Client:			Date Collected:		
Project:			Date Received:		
Client Sample ID:	ICVBN030524		SDG No.:	BN030524	
Lab Sample ID:	SSTDICV0.4		Matrix:	Water	
Analytical Method:	8270-Modified		% Moisture:	100	
Sample Wt/Vol:	1000 Units:	mL	Final Vol:	1000000	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
BN030275.D	1		3/5/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
367-12-4	2-Fluorophenol	370	*	10-92		92500	SPK: -0.4
13127-88-3	Phenol-d6	345	*	10-100		86250	SPK: -0.4
4165-60-0	Nitrobenzene-d5	384	*	11-175		96000	SPK: -0.4
321-60-8	2-Fluorobiphenyl	392	*	10-175		98000	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	329	*	24-148		82250	SPK: -0.4
1718-51-0	Terphenyl-d14	407	*	54-171		101750	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1845	7.811				
1146-65-2	Naphthalene-d8	4554	10.605				
15067-26-2	Acenaphthene-d10	2267	14.458				
1517-22-2	Phenanthrene-d10	4450	17.218				
1719-03-5	Chrysene-d12	3754	21.438				
1520-96-3	Perylene-d12	4199	23.803				

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

Report of Analysis

Client:				Date Collected:	2/27/2024 12:00:00 AM
Project:				Date Received:	2/27/2024 12:00:00 AM
Client Sample ID:	PB159312BL			SDG No.:	BN030524
Lab Sample ID:	PB159312BL			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
BN030276.D	1	2/27/2024 12:00:00 AM	3/5/2024 12:00:00 AM	PB159312

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	0.02	U	0.02	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	0.02	U	0.02	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.02	U	0.02	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	0.41	U	0.41	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	0.07	U	0.07	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.02	U	0.02	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.02	U	0.02	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	0.06	U	0.06	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	0.03	U	0.03	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	0.02	U	0.02	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.08	U	0.08	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.02	U	0.02	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	0.04	U	0.04	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	0.03	U	0.03	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.06	U	0.06	0.2	0.2	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.303		30-150		76	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.3		30-150		75	SPK: -0.4

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

Report of Analysis

Client:				Date Collected:	2/27/2024 12:00:00 AM
Project:				Date Received:	2/27/2024 12:00:00 AM
Client Sample ID:	PB159312BL			SDG No.:	BN030524
Lab Sample ID:	PB159312BL			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
BN030276.D	1	2/27/2024 12:00:00 AM	3/5/2024 12:00:00 AM	PB159312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
367-12-4	2-Fluorophenol	0.299		10-92		75	SPK: -0.4
13127-88-3	Phenol-d6	0.26		10-100		65	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.299		11-175		75	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.298		10-175		75	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.228		24-148		57	SPK: -0.4
1718-51-0	Terphenyl-d14	0.32		54-171		80	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1691	7.811				
1146-65-2	Naphthalene-d8	4163	10.605				
15067-26-2	Acenaphthene-d10	2094	14.458				
1517-22-2	Phenanthrene-d10	3771	17.231				
1719-03-5	Chrysene-d12	3108	21.447				
1520-96-3	Perylene-d12	3631	23.803				

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

Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	SP6430			SDG No.:	BN030524
Lab Sample ID:	SP6430			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000 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
BN030277.D	1		3/5/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	29	U	29	200	200	ug/L
111-44-4	bis(2-Chloroethyl)ether	21	U	21	100	100	ug/L
91-20-3	Naphthalene	19	U	19	100	100	ug/L
87-68-3	Hexachlorobutadiene	19	U	19	100	100	ug/L
91-57-6	2-Methylnaphthalene	21	U	21	100	100	ug/L
208-96-8	Acenaphthylene	18	U	18	100	100	ug/L
83-32-9	Acenaphthene	16	U	16	100	100	ug/L
Total PAH	Total PAH	400	U	400	100	1600	ug/L
86-73-7	Fluorene	17	U	17	100	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	73	U	73	200	200	ug/L
101-55-3	4-Bromophenyl-phenylether	20	U	20	100	100	ug/L
118-74-1	Hexachlorobenzene	24	U	24	100	100	ug/L
1912-24-9	Atrazine	18	U	18	100	100	ug/L
87-86-5	Pentachlorophenol	59	U	59	200	200	ug/L
85-01-8	Phenanthrene	19	U	19	100	100	ug/L
120-12-7	Anthracene	22	U	22	100	100	ug/L
206-44-0	Fluoranthene	19	U	19	100	100	ug/L
129-00-0	Pyrene	26	U	26	100	100	ug/L
56-55-3	Benzo(a)anthracene	24	U	24	100	100	ug/L
218-01-9	Chrysene	20	U	20	100	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	81	U	81	200	200	ug/L
205-99-2	Benzo(b)fluoranthene	24	U	24	100	100	ug/L
207-08-9	Benzo(k)fluoranthene	27	U	27	100	100	ug/L
50-32-8	Benzo(a)pyrene	36	U	36	100	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	40	U	40	100	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	42	U	42	100	100	ug/L
191-24-2	Benzo(g,h,i)perylene	31	U	31	100	100	ug/L
123-91-1	1,4-Dioxane	61	U	61	200	200	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	361	*	30-150		90250	SPK: -0.4
93951-69-0	Fluoranthene-d10	352	*	30-150		88000	SPK: -0.4

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

Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	SP6430			SDG No.:	BN030524
Lab Sample ID:	SP6430			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000 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
BN030277.D	1		3/5/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
367-12-4	2-Fluorophenol	341	*	10-92		85250	SPK: -0.4
13127-88-3	Phenol-d6	289	*	10-100		72250	SPK: -0.4
4165-60-0	Nitrobenzene-d5	330	*	11-175		82500	SPK: -0.4
321-60-8	2-Fluorobiphenyl	315	*	10-175		78750	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	260	*	24-148		65000	SPK: -0.4
1718-51-0	Terphenyl-d14	351	*	54-171		87750	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1516	7.811				
1146-65-2	Naphthalene-d8	3669	10.605				
15067-26-2	Acenaphthene-d10	1893	14.458				
1517-22-2	Phenanthrene-d10	3404	17.231				
1719-03-5	Chrysene-d12	2717	21.447				
1520-96-3	Perylene-d12	3203	23.8				

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

Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	SP6443			SDG No.:	BN030524
Lab Sample ID:	SP6443			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000 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
BN030278.D	1		3/5/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	420		29	200	200	ug/L
111-44-4	bis(2-Chloroethyl)ether	440		21	100	100	ug/L
91-20-3	Naphthalene	440		19	100	100	ug/L
87-68-3	Hexachlorobutadiene	440		19	100	100	ug/L
91-57-6	2-Methylnaphthalene	440		21	100	100	ug/L
208-96-8	Acenaphthylene	480		18	100	100	ug/L
83-32-9	Acenaphthene	440		16	100	100	ug/L
Total PAH	Total PAH	7150		400	100	1600	ug/L
86-73-7	Fluorene	430		17	100	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	360		73	200	200	ug/L
101-55-3	4-Bromophenyl-phenylether	440		20	100	100	ug/L
118-74-1	Hexachlorobenzene	470		24	100	100	ug/L
1912-24-9	Atrazine	440		18	100	100	ug/L
87-86-5	Pentachlorophenol	860		59	200	200	ug/L
85-01-8	Phenanthrene	450		19	100	100	ug/L
120-12-7	Anthracene	440		22	100	100	ug/L
206-44-0	Fluoranthene	400		19	100	100	ug/L
129-00-0	Pyrene	450		26	100	100	ug/L
56-55-3	Benzo(a)anthracene	440		24	100	100	ug/L
218-01-9	Chrysene	440		20	100	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	400		81	200	200	ug/L
205-99-2	Benzo(b)fluoranthene	410		24	100	100	ug/L
207-08-9	Benzo(k)fluoranthene	430		27	100	100	ug/L
50-32-8	Benzo(a)pyrene	470		36	100	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	490		40	100	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	480		42	100	100	ug/L
191-24-2	Benzo(g,h,i)perylene	460		31	100	100	ug/L
123-91-1	1,4-Dioxane	410		61	200	200	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0	U	30-150		0	SPK: -0.4
93951-69-0	Fluoranthene-d10	0	U	30-150		0	SPK: -0.4

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

Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	SP6443			SDG No.:	BN030524
Lab Sample ID:	SP6443			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000 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
BN030278.D	1		3/5/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
367-12-4	2-Fluorophenol	0	U	10-92		0	SPK: -0.4
13127-88-3	Phenol-d6	0	U	10-100		0	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0	U	11-175		0	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0	U	10-175		0	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0	U	24-148		0	SPK: -0.4
1718-51-0	Terphenyl-d14	0	U	54-171		0	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1347	7.811				
1146-65-2	Naphthalene-d8	3339	10.605				
15067-26-2	Acenaphthene-d10	1636	14.458				
1517-22-2	Phenanthrene-d10	3077	17.218				
1719-03-5	Chrysene-d12	2285	21.438				
1520-96-3	Perylene-d12	2682	23.806				

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

Report of Analysis

Client:				Date Collected:	2/28/2024 12:00:00 AM
Project:				Date Received:	2/28/2024 12:00:00 AM
Client Sample ID:	PB159350BL			SDG No.:	BN030524
Lab Sample ID:	PB159350BL			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
BN030281.D	1	2/28/2024 12:00:00 AM	3/6/2024 12:00:00 AM	PB159350

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	0.02	U	0.02	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	0.02	U	0.02	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.02	U	0.02	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.41	U	0.41	0.1	1.6	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	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	0.07	U	0.07	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.02	U	0.02	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.02	U	0.02	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	0.06	U	0.06	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	0.03	U	0.03	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	0.02	U	0.02	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.08	U	0.08	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.02	U	0.02	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	0.04	U	0.04	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	0.03	U	0.03	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.06	U	0.06	0.2	0.2	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.302		30-150		75	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.307		30-150		77	SPK: -0.4

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

Report of Analysis

Client:				Date Collected:	2/28/2024 12:00:00 AM
Project:				Date Received:	2/28/2024 12:00:00 AM
Client Sample ID:	PB159350BL			SDG No.:	BN030524
Lab Sample ID:	PB159350BL			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
BN030281.D	1	2/28/2024 12:00:00 AM	3/6/2024 12:00:00 AM	PB159350

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
367-12-4	2-Fluorophenol	0.301		10-92		75	SPK: -0.4
13127-88-3	Phenol-d6	0.256		10-100		64	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.281		11-175		70	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.296		10-175		74	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.206		24-148		51	SPK: -0.4
1718-51-0	Terphenyl-d14	0.334		54-171		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1885	7.811				
1146-65-2	Naphthalene-d8	4609	10.605				
15067-26-2	Acenaphthene-d10	2283	14.458				
1517-22-2	Phenanthrene-d10	4107	17.231				
1719-03-5	Chrysene-d12	3166	21.447				
1520-96-3	Perylene-d12	3698	23.8				

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

Report of Analysis

Client:				Date Collected:	2/28/2024 12:00:00 AM
Project:				Date Received:	2/28/2024 12:00:00 AM
Client Sample ID:	PB159350BS			SDG No.:	BN030524
Lab Sample ID:	PB159350BS			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
BN030282.D	1	2/28/2024 12:00:00 AM	3/6/2024 12:00:00 AM	PB159350

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.32		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.31		0.02	0.1	0.1	ug/L
91-20-3	Naphthalene	0.32		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.32		0.02	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.32		0.02	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.34		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.31		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	5.23		0.41	0.1	1.6	ug/L
86-73-7	Fluorene	0.3		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.25		0.07	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.32		0.02	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.34		0.02	0.1	0.1	ug/L
1912-24-9	Atrazine	0.32		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.55		0.06	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.32		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.32		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.27		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.35		0.03	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.31		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.34		0.02	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.31		0.08	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.31		0.02	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.32		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.36		0.04	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.36		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.36		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.34		0.03	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.24		0.06	0.2	0.2	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.429		30-150		107	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.266		30-150		67	SPK: -0.4

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

Report of Analysis

Client:				Date Collected:	2/28/2024 12:00:00 AM
Project:				Date Received:	2/28/2024 12:00:00 AM
Client Sample ID:	PB159350BS			SDG No.:	BN030524
Lab Sample ID:	PB159350BS			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
BN030282.D	1	2/28/2024 12:00:00 AM	3/6/2024 12:00:00 AM	PB159350

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
367-12-4	2-Fluorophenol	0.28		10-92		70	SPK: -0.4
13127-88-3	Phenol-d6	0.28		10-100		70	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.32		11-175		80	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.323		10-175		81	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.242		24-148		60	SPK: -0.4
1718-51-0	Terphenyl-d14	0.332		54-171		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2036	7.811				
1146-65-2	Naphthalene-d8	5212	10.605				
15067-26-2	Acenaphthene-d10	2589	14.458				
1517-22-2	Phenanthrene-d10	4665	17.218				
1719-03-5	Chrysene-d12	3085	21.438				
1520-96-3	Perylene-d12	3605	23.791				

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

Report of Analysis

Client:				Date Collected:	2/27/2024 12:00:00 AM
Project:				Date Received:	2/27/2024 12:00:00 AM
Client Sample ID:	PB159312BS			SDG No.:	BN030524
Lab Sample ID:	PB159312BS			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
BN030283.D	1	2/27/2024 12:00:00 AM	3/6/2024 12:00:00 AM	PB159312

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	0.3		0.02	0.1	0.1	ug/L
91-20-3	Naphthalene	0.31		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.32		0.02	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.31		0.02	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.34		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.31		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	5.11		0.41	0.1	1.6	ug/L
86-73-7	Fluorene	0.3		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.26		0.07	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.31		0.02	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.33		0.02	0.1	0.1	ug/L
1912-24-9	Atrazine	0.31		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.54		0.06	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.32		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.31		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.27		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.33		0.03	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.32		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.33		0.02	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.3		0.08	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.3		0.02	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.32		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.33		0.04	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.35		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.34		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.33		0.03	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.25		0.06	0.2	0.2	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.452		30-150		113	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.283		30-150		71	SPK: -0.4

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

Report of Analysis

Client:				Date Collected:	2/27/2024 12:00:00 AM
Project:				Date Received:	2/27/2024 12:00:00 AM
Client Sample ID:	PB159312BS			SDG No.:	BN030524
Lab Sample ID:	PB159312BS			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
BN030283.D	1	2/27/2024 12:00:00 AM	3/6/2024 12:00:00 AM	PB159312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
367-12-4	2-Fluorophenol	0.285		10-92		71	SPK: -0.4
13127-88-3	Phenol-d6	0.282		10-100		70	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.339		11-175		85	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.34		10-175		85	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.257		24-148		64	SPK: -0.4
1718-51-0	Terphenyl-d14	0.345		54-171		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1869	7.811				
1146-65-2	Naphthalene-d8	4670	10.605				
15067-26-2	Acenaphthene-d10	2264	14.458				
1517-22-2	Phenanthrene-d10	4104	17.218				
1719-03-5	Chrysene-d12	2845	21.434				
1520-96-3	Perylene-d12	3443	23.793				

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

Report of Analysis

Client:				Date Collected:	2/27/2024 12:00:00 AM
Project:				Date Received:	2/27/2024 12:00:00 AM
Client Sample ID:	PB159312BSD			SDG No.:	BN030524
Lab Sample ID:	PB159312BSD			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
BN030284.D	1	2/27/2024 12:00:00 AM	3/6/2024 12:00:00 AM	PB159312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.28		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.3		0.02	0.1	0.1	ug/L
91-20-3	Naphthalene	0.3		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.3		0.02	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.31		0.02	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.32		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.3		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	4.99		0.41	0.1	1.6	ug/L
86-73-7	Fluorene	0.3		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.25		0.07	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.32		0.02	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.32		0.02	0.1	0.1	ug/L
1912-24-9	Atrazine	0.3		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.52		0.06	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.31		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.31		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.26		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.34		0.03	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.3		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.33		0.02	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.3		0.08	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.29		0.02	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.31		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.33		0.04	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.33		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.34		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.32		0.03	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.23		0.06	0.2	0.2	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.44		30-150		110	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.27		30-150		68	SPK: -0.4

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

Report of Analysis

Client:				Date Collected:	2/27/2024 12:00:00 AM
Project:				Date Received:	2/27/2024 12:00:00 AM
Client Sample ID:	PB159312BSD			SDG No.:	BN030524
Lab Sample ID:	PB159312BSD			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
BN030284.D	1	2/27/2024 12:00:00 AM	3/6/2024 12:00:00 AM	PB159312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
367-12-4	2-Fluorophenol	0.28		10-92		70	SPK: -0.4
13127-88-3	Phenol-d6	0.278		10-100		69	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.33		11-175		83	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.338		10-175		84	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.265		24-148		66	SPK: -0.4
1718-51-0	Terphenyl-d14	0.361		54-171		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2134	7.811				
1146-65-2	Naphthalene-d8	5384	10.605				
15067-26-2	Acenaphthene-d10	2625	14.457				
1517-22-2	Phenanthrene-d10	4758	17.218				
1719-03-5	Chrysene-d12	2984	21.438				
1520-96-3	Perylene-d12	3577	23.797				

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

Report of Analysis

Client:		Date Collected:	2/22/2024 12:00:00 AM
Project:		Date Received:	2/22/2024 12:00:00 AM
Client Sample ID:	BP-VPB-195-GW-920-922	SDG No.:	BN030524
Lab Sample ID:	P1576-01	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030285.D	1	2/27/2024 12:00:00 AM	3/6/2024 12:00:00 AM	PB159312

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	0.02	U	0.02	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	0.02	U	0.02	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.02	U	0.02	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	0.41	U	0.41	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	0.07	U	0.07	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.02	U	0.02	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.02	U	0.02	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	0.06	U	0.06	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	J	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	0.03	U	0.03	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	0.02	U	0.02	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.15	J	0.08	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.02	U	0.02	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	0.04	U	0.04	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	0.03	U	0.03	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.06	U	0.06	0.2	0.2	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.303		30-150		76	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.335		30-150		84	SPK: -0.4

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

Report of Analysis

Client:				Date Collected:	2/22/2024 12:00:00 AM
Project:				Date Received:	2/22/2024 12:00:00 AM
Client Sample ID:	BP-VPB-195-GW-920-922			SDG No.:	BN030524
Lab Sample ID:	P1576-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030285.D	1	2/27/2024 12:00:00 AM	3/6/2024 12:00:00 AM	PB159312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
367-12-4	2-Fluorophenol	0.09		10-92		23	SPK: -0.4
13127-88-3	Phenol-d6	0.049		10-100		12	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.279		11-175		70	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.312		10-175		78	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.256		24-148		64	SPK: -0.4
1718-51-0	Terphenyl-d14	0.403		54-171		101	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1688	7.811				
1146-65-2	Naphthalene-d8	4308	10.605				
15067-26-2	Acenaphthene-d10	2208	14.458				
1517-22-2	Phenanthrene-d10	4366	17.218				
1719-03-5	Chrysene-d12	3205	21.438				
1520-96-3	Perylene-d12	3429	23.794				

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: BN030524

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : BP-VPB-195-GW-920-922								
P1576-01	BP-VPB-195-GW-920-92	Water	Bis(2-ethylhexyl)phthalate	0.150	J	0.08	0.2	ug/L
P1576-01	BP-VPB-195-GW-920-92	Water	Phenanthrene	0.020	J	0.02	0.1	ug/L
			Total Svoc :			**0.17**		
			Total Concentration:			**0.17**		
Client ID : SP6443								
SP6443	SP6443	Water	1,4-Dioxane	410.000		61	200	ug/L
SP6443	SP6443	Water	2-Methylnaphthalene	440.000		21	100	ug/L
SP6443	SP6443	Water	4,6-Dinitro-2-methylphenol	360.000		73	200	ug/L
SP6443	SP6443	Water	4-Bromophenyl-phenylether	440.000		20	100	ug/L
SP6443	SP6443	Water	Acenaphthene	440.000		16	100	ug/L
SP6443	SP6443	Water	Acenaphthylene	480.000		18	100	ug/L
SP6443	SP6443	Water	Anthracene	440.000		22	100	ug/L
SP6443	SP6443	Water	Atrazine	440.000		18	100	ug/L
SP6443	SP6443	Water	Benzo(a)anthracene	440.000		24	100	ug/L
SP6443	SP6443	Water	Benzo(a)pyrene	470.000		36	100	ug/L
SP6443	SP6443	Water	Benzo(b)fluoranthene	410.000		24	100	ug/L
SP6443	SP6443	Water	Benzo(g,h,i)perylene	460.000		31	100	ug/L
SP6443	SP6443	Water	Benzo(k)fluoranthene	430.000		27	100	ug/L
SP6443	SP6443	Water	bis(2-Chloroethyl)ether	440.000		21	100	ug/L
SP6443	SP6443	Water	Bis(2-ethylhexyl)phthalate	400.000		81	200	ug/L
SP6443	SP6443	Water	Chrysene	440.000		20	100	ug/L
SP6443	SP6443	Water	Dibenzo(a,h)anthracene	480.000		42	100	ug/L
SP6443	SP6443	Water	Fluoranthene	400.000		19	100	ug/L
SP6443	SP6443	Water	Fluorene	430.000		17	100	ug/L
SP6443	SP6443	Water	Hexachlorobenzene	470.000		24	100	ug/L
SP6443	SP6443	Water	Hexachlorobutadiene	440.000		19	100	ug/L
SP6443	SP6443	Water	Indeno(1,2,3-cd)pyrene	490.000		40	100	ug/L
SP6443	SP6443	Water	n-Nitrosodimethylamine	420.000		29	200	ug/L
SP6443	SP6443	Water	Naphthalene	440.000		19	100	ug/L
SP6443	SP6443	Water	Pentachlorophenol	860.000		59	200	ug/L
SP6443	SP6443	Water	Phenanthrene	450.000		19	100	ug/L
SP6443	SP6443	Water	Pyrene	450.000		26	100	ug/L
SP6443	SP6443	Water	Total PAH	7,150.000		400	1600	ug/L
			Total Svoc :			**19,420.00**		
			Total Concentration:			**19,420.00**		
Client ID : ICVBN030524								
SSTDICV0.4	ICVBN030524	Water	1,4-Dioxane	370.000		61	200	ug/L
SSTDICV0.4	ICVBN030524	Water	2-Methylnaphthalene	370.000		21	100	ug/L

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: BN030524

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTDICV0.4	ICVBN030524	Water	4,6-Dinitro-2-methylphenol	330.000		73	200	ug/L
SSTDICV0.4	ICVBN030524	Water	4-Bromophenyl-phenylether	360.000		20	100	ug/L
SSTDICV0.4	ICVBN030524	Water	Acenaphthene	360.000		16	100	ug/L
SSTDICV0.4	ICVBN030524	Water	Acenaphthylene	390.000		18	100	ug/L
SSTDICV0.4	ICVBN030524	Water	Anthracene	370.000		22	100	ug/L
SSTDICV0.4	ICVBN030524	Water	Atrazine	370.000		18	100	ug/L
SSTDICV0.4	ICVBN030524	Water	Benzo(a)anthracene	370.000		24	100	ug/L
SSTDICV0.4	ICVBN030524	Water	Benzo(a)pyrene	370.000		36	100	ug/L
SSTDICV0.4	ICVBN030524	Water	Benzo(b)fluoranthene	350.000		24	100	ug/L
SSTDICV0.4	ICVBN030524	Water	Benzo(g,h,i)perylene	340.000		31	100	ug/L
SSTDICV0.4	ICVBN030524	Water	Benzo(k)fluoranthene	360.000		27	100	ug/L
SSTDICV0.4	ICVBN030524	Water	bis(2-Chloroethyl)ether	370.000		21	100	ug/L
SSTDICV0.4	ICVBN030524	Water	Bis(2-ethylhexyl)phthalate	340.000		81	200	ug/L
SSTDICV0.4	ICVBN030524	Water	Chrysene	380.000		20	100	ug/L
SSTDICV0.4	ICVBN030524	Water	Dibenzo(a,h)anthracene	340.000		42	100	ug/L
SSTDICV0.4	ICVBN030524	Water	Fluoranthene	360.000		19	100	ug/L
SSTDICV0.4	ICVBN030524	Water	Fluorene	350.000		17	100	ug/L
SSTDICV0.4	ICVBN030524	Water	Hexachlorobenzene	370.000		24	100	ug/L
SSTDICV0.4	ICVBN030524	Water	Hexachlorobutadiene	350.000		19	100	ug/L
SSTDICV0.4	ICVBN030524	Water	Indeno(1,2,3-cd)pyrene	370.000		40	100	ug/L
SSTDICV0.4	ICVBN030524	Water	n-Nitrosodimethylamine	350.000		29	200	ug/L
SSTDICV0.4	ICVBN030524	Water	Naphthalene	370.000		19	100	ug/L
SSTDICV0.4	ICVBN030524	Water	Pentachlorophenol	320.000		59	200	ug/L
SSTDICV0.4	ICVBN030524	Water	Phenanthrene	380.000		19	100	ug/L
SSTDICV0.4	ICVBN030524	Water	Pyrene	360.000		26	100	ug/L
SSTDICV0.4	ICVBN030524	Water	Total PAH	5,820.000		400	1600	ug/L
			Total Svoc :	**15,540.00**				
			Total Concentration:	**15,540.00**				

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN030524 SAS No.: BN030524 SDG No.: BN030524

Instrument ID: Calibration Date(s): 3/5/2024 1:

Calibration Time(s): 12:46

LAB FILE ID: RRF0.1 = BN030268.D RRF0.2 = BN030269.D RRF0.4 = BN030270.D
RRF0.8 = BN030271.D RRF1.6 = BN030272.D RRF3.2 = BN030273.D

COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.495	0.586	0.607	0.569	0.617	0.601	0.580	7.0
Fluoranthene-d10	1.054	1.101	1.132	1.069	1.154	1.083	1.098	3.2
n-Nitrosodimethylamine	0.540	0.574	0.543	0.516	0.556	0.555	0.548	3.3
2-Fluorophenol	1.103	1.107	1.054	0.998	1.046	1.023	1.050	4.0
Phenol-d6	0.967	1.065	1.093	1.074	1.172	1.185	1.105	7.2
bis(2-Chloroethyl)ether	0.749	0.851	0.868	0.865	0.933	0.944	0.876	7.6
Nitrobenzene-d5	0.312	0.358	0.369	0.348	0.389	0.393	0.365	7.9
Naphthalene	1.093	1.121	1.169	1.065	1.144	1.126	1.117	3.1
Hexachlorobutadiene	0.260	0.264	0.270	0.244	0.258	0.248	0.255	4.3
2-Methylnaphthalene	0.636	0.680	0.719	0.665	0.725	0.707	0.689	4.6
2-Fluorobiphenyl	1.545	1.597	1.710	1.601	1.768	1.711	1.661	4.8
Acenaphthylene	1.826	1.815	1.953	1.834	2.046	2.017	1.930	5.3
Acenaphthene	1.214	1.198	1.290	1.191	1.310	1.261	1.246	3.7
Fluorene	1.453	1.501	1.547	1.438	1.610	1.482	1.499	4.0
4,6-Dinitro-2-methylphenol	0.059	0.068	0.077	0.080	0.097	0.097	0.083	19.7
2,4,6-Tribromophenol	0.194	0.204	0.217	0.200	0.222	0.202	0.206	4.9
4-Bromophenyl-phenylether	0.226	0.233	0.255	0.228	0.259	0.258	0.244	6.1
Hexachlorobenzene	0.279	0.281	0.291	0.268	0.293	0.290	0.283	3.2
Atrazine	0.202	0.213	0.228	0.206	0.230	0.220	0.217	4.9
Pentachlorophenol	0.118	0.129	0.154	0.145	0.164	0.159	0.147	12.1
Phenanthrene	1.070	1.112	1.169	1.083	1.221	1.193	1.144	5.0
Anthracene	0.946	0.996	1.076	0.989	1.127	1.124	1.051	7.0
Fluoranthene	1.350	1.363	1.449	1.344	1.487	1.379	1.393	3.9
Pyrene	1.697	1.664	1.764	1.619	1.686	1.710	1.679	3.2
Terphenyl-d14	1.074	1.022	1.077	1.001	1.049	1.054	1.037	3.4
Benzo(a)anthracene	1.333	1.330	1.417	1.378	1.458	1.452	1.402	4.0
Chrysene	1.524	1.495	1.576	1.468	1.566	1.513	1.518	2.7
Bis(2-ethylhexyl)phthalate	1.370	1.203	1.180	0.983	1.034	1.026	1.118	12.5
Benzo(b)fluoranthene	1.304	1.273	1.430	1.350	1.501	1.469	1.398	6.3
Benzo(k)fluoranthene	1.354	1.337	1.467	1.353	1.517	1.472	1.420	5.0
Benzo(a)pyrene	1.172	1.113	1.249	1.204	1.318	1.301	1.235	6.1
Indeno(1,2,3-cd)pyrene	1.584	1.561	1.691	1.592	1.761	1.788	1.676	5.7
Dibenzo(a,h)anthracene	1.179	1.205	1.270	1.283	1.431	1.427	1.317	8.3
Benzo(g,h,i)perylene	1.476	1.441	1.546	1.462	1.582	1.590	1.519	3.9
1,4-Dioxane	0.665	0.526	0.554	0.461	0.478	0.468	0.519	14.0

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN030524 SAS No.: BN030524 SDG NO.: BN030524

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Mar 5 2024 12:00AM

Lab File ID: BN030270.D Time Analyzed: 16:59

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	1362	7.811	3380	10.61	1734	14.46
	UPPER LIMIT	2724	8.311	6760	11.105	3468	14.958
	LOWER LIMIT	681	7.311	1690	10.105	867	13.958
	EPA SAMPLE NO.						
01	ICVBN030524	1845	7.81	4554	10.61	2267	14.46
02	PB159312BL	1691	7.81	4163	10.61	2094	14.46
03	SP6430	1516	7.81	3669	10.61	1893	14.46
04	SP6443	1347	7.81	3339	10.61	1636	14.46
05	PB159350BL	1885	7.81	4609	10.61	2283	14.46
06	PB159350BS	2036	7.81	5212	10.61	2589	14.46
07	PB159312BS	1869	7.81	4670	10.61	2264	14.46
08	PB159312BSD	2134	7.81	5384	10.61	2625	14.46
09	BP-VPB-195-GW-920-922	1688	7.81	4308	10.61	2208	14.46

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.

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN030524 SAS No.: BN030524 SDG NO.: BN030524

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Mar 5 2024 12:00AM

Lab File ID: BN030270.D Time Analyzed: 16:59

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	1362	7.811	3380	10.61	1734	14.46
	UPPER LIMIT	2724	8.311	6760	11.105	3468	14.958
	LOWER LIMIT	681	7.311	1690	10.105	867	13.958
	EPA SAMPLE NO.						
01	ICVBN030524	1845	7.81	4554	10.61	2267	14.46
02	PB159312BL	1691	7.81	4163	10.61	2094	14.46
03	SP6430	1516	7.81	3669	10.61	1893	14.46
04	SP6443	1347	7.81	3339	10.61	1636	14.46

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.

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN030524 SAS No.: BN030524 SDG NO.: BN030524

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

Lab File ID: BN030280.D Time Analyzed: 02:05

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	1723	7.804	4516	10.61	2233	14.46
	UPPER LIMIT	3446	8.304	9032	11.105	4466	14.957
	LOWER LIMIT	861.5	7.304	2258	10.105	1116.5	13.957
	EPA SAMPLE NO.						
01	PB159350BL	1885	7.81	4609	10.61	2283	14.46
02	PB159350BS	2036	7.81	5212	10.61	2589	14.46
03	PB159312BS	1869	7.81	4670	10.61	2264	14.46
04	PB159312BSD	2134	7.81	5384	10.61	2625	14.46
05	BP-VPB-195-GW-920-922	1688	7.81	4308	10.61	2208	14.46

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.

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN030524 SAS No.: BN030524 SDG NO.: BN030524

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Mar 5 2024 12:00AM

Lab File ID: BN030270.D Time Analyzed: 16:59

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	3621	17.218	3093	21.438	3435	23.803
	UPPER LIMIT	7242	17.718	6186	21.938	6870	24.303
	LOWER LIMIT	1810.5	16.718	1546.5	20.938	1717.5	23.303
	EPA SAMPLE NO.						
01	ICVBN030524	4450	17.22	3754	21.44	4199	23.80
02	PB159312BL	3771	17.23	3108	21.45	3631	23.80
03	SP6430	3404	17.23	2717	21.45	3203	23.80
04	SP6443	3077	17.22	2285	21.44	2682	23.81
05	PB159350BL	4107	17.23	3166	21.45	3698	23.80
06	PB159350BS	4665	17.22	3085	21.44	3605	23.79
07	PB159312BS	4104	17.22	2845	21.43	3443	23.79
08	PB159312BSD	4758	17.22	2984	21.44	3577	23.80
09	BP-VPB-195-GW-920-922	4366	17.22	3205	21.44	3429	23.79

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.

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN030524 SAS No.: BN030524 SDG NO.: BN030524

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Mar 5 2024 12:00AM

Lab File ID: BN030270.D Time Analyzed: 16:59

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	3621	17.218	3093	21.438	3435	23.803
	UPPER LIMIT	7242	17.718	6186	21.938	6870	24.303
	LOWER LIMIT	1810.5	16.718	1546.5	20.938	1717.5	23.303
	EPA SAMPLE NO.						
01	ICVBN030524	4450	17.22	3754	21.44	4199	23.80
02	PB159312BL	3771	17.23	3108	21.45	3631	23.80
03	SP6430	3404	17.23	2717	21.45	3203	23.80
04	SP6443	3077	17.22	2285	21.44	2682	23.81

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.

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN030524 SAS No.: BN030524 SDG NO.: BN030524

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

Lab File ID: BN030280.D Time Analyzed: 02:05

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	4490	17.218	3880	21.438	4379	23.794
	UPPER LIMIT	8980	17.718	7760	21.938	8758	24.294
	LOWER LIMIT	2245	16.718	1940	20.938	2189.5	23.294
	EPA SAMPLE NO.						
01	PB159350BL	4107	17.23	3166	21.45	3698	23.80
02	PB159350BS	4665	17.22	3085	21.44	3605	23.79
03	PB159312BS	4104	17.22	2845	21.43	3443	23.79
04	PB159312BSD	4758	17.22	2984	21.44	3577	23.80
05	BP-VPB-195-GW-920-922	4366	17.22	3205	21.44	3429	23.79

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.

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN030524

Client:

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

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB159312BS	n-Nitrosodimethylamine	0.4	0.3	ug/L	75				33	130	
	bis(2-Chloroethyl)ether	0.4	0.3	ug/L	75				55	118	
	Naphthalene	0.4	0.31	ug/L	78				67	120	
	Hexachlorobutadiene	0.4	0.32	ug/L	80				33	114	
	2-Methylnaphthalene	0.4	0.31	ug/L	78				50	122	
	Acenaphthylene	0.4	0.34	ug/L	85				60	119	
	Acenaphthene	0.4	0.31	ug/L	78				65	119	
	Total PAH	6.4	5.11	ug/L	80				65	119	
	Fluorene	0.4	0.3	ug/L	75				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.26	ug/L	65				20	150	
	4-Bromophenyl-phenylether	0.4	0.31	ug/L	78				20	150	
	Hexachlorobenzene	0.4	0.33	ug/L	83				62	127	
	Atrazine	0.4	0.31	ug/L	78				20	150	
	Pentachlorophenol	0.8	0.54	ug/L	68				10	137	
	Phenanthrene	0.4	0.32	ug/L	80				65	117	
	Anthracene	0.4	0.31	ug/L	78				57	118	
	Fluoranthene	0.4	0.27	ug/L	68				53	126	
	Pyrene	0.4	0.33	ug/L	83				54	124	
	Benzo(a)anthracene	0.4	0.32	ug/L	80				54	130	
	Chrysene	0.4	0.33	ug/L	83				64	126	
	bis(2-Ethylhexyl)phthalate	0.4	0.3	ug/L	75				40	137	
	Benzo(b)fluoranthene	0.4	0.3	ug/L	75				65	121	
	Benzo(k)fluoranthene	0.4	0.32	ug/L	80				72	119	
	Benzo(a)pyrene	0.4	0.33	ug/L	83				68	120	
	Indeno(1,2,3-cd)pyrene	0.4	0.35	ug/L	88				70	127	
	Dibenz(a,h)anthracene	0.4	0.34	ug/L	85				65	121	
	Benzo(g,h,i)perylene	0.4	0.33	ug/L	83				76	117	
	1,4-Dioxane	0.4	0.25	ug/L	63				60	132	
PB159312BSD	n-Nitrosodimethylamine	0.4	0.28	ug/L	70				33	130	20
	bis(2-Chloroethyl)ether	0.4	0.3	ug/L	75				55	118	20
	Naphthalene	0.4	0.3	ug/L	75				67	120	20
	Hexachlorobutadiene	0.4	0.3	ug/L	75				33	114	20
	2-Methylnaphthalene	0.4	0.31	ug/L	78				50	122	20
	Acenaphthylene	0.4	0.32	ug/L	80				60	119	20
	Acenaphthene	0.4	0.3	ug/L	75				65	119	20
	Total PAH	6.4	4.99	ug/L	78				65	119	20
	Fluorene	0.4	0.3	ug/L	75				58	122	20
	4,6-Dinitro-2-methylphenol	0.4	0.25	ug/L	63				20	150	20
	4-Bromophenyl-phenylether	0.4	0.32	ug/L	80				20	150	20
	Hexachlorobenzene	0.4	0.32	ug/L	80				62	127	20
	Atrazine	0.4	0.3	ug/L	75				20	150	20
	Pentachlorophenol	0.8	0.52	ug/L	65				10	137	20
	Phenanthrene	0.4	0.31	ug/L	78				65	117	20
	Anthracene	0.4	0.31	ug/L	78				57	118	20
	Fluoranthene	0.4	0.26	ug/L	65				53	126	20
	Pyrene	0.4	0.34	ug/L	85				54	124	20

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BN030524

Client:

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

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB159312BSD	Benzo(a)anthracene	0.4	0.3	ug/L	75				54	130	20
	Chrysene	0.4	0.33	ug/L	83				64	126	20
	bis(2-Ethylhexyl)phthalate	0.4	0.3	ug/L	75				40	137	20
	Benzo(b)fluoranthene	0.4	0.29	ug/L	73				65	121	20
	Benzo(k)fluoranthene	0.4	0.31	ug/L	78				72	119	20
	Benzo(a)pyrene	0.4	0.33	ug/L	83				68	120	20
	Indeno(1,2,3-cd)pyrene	0.4	0.33	ug/L	83				70	127	20
	Dibenz(a,h)anthracene	0.4	0.34	ug/L	85				65	121	20
	Benzo(g,h,i)perylene	0.4	0.32	ug/L	80				76	117	20
	1,4-Dioxane	0.4	0.23	ug/L	58		*		60	132	20

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BN030524

Client:

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

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB159350BS	n-Nitrosodimethylamine	0.4	0.32	ug/L	80				33	130	
	bis(2-Chloroethyl)ether	0.4	0.31	ug/L	78				55	118	
	Naphthalene	0.4	0.32	ug/L	80				67	120	
	Hexachlorobutadiene	0.4	0.32	ug/L	80				33	114	
	2-Methylnaphthalene	0.4	0.32	ug/L	80				50	122	
	Acenaphthylene	0.4	0.34	ug/L	85				60	119	
	Acenaphthene	0.4	0.31	ug/L	78				65	119	
	Total PAH	6.4	5.23	ug/L	82				65	119	
	Fluorene	0.4	0.3	ug/L	75				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.25	ug/L	63				20	150	
	4-Bromophenyl-phenylether	0.4	0.32	ug/L	80				20	150	
	Hexachlorobenzene	0.4	0.34	ug/L	85				62	127	
	Atrazine	0.4	0.32	ug/L	80				20	150	
	Pentachlorophenol	0.8	0.55	ug/L	69				10	137	
	Phenanthrene	0.4	0.32	ug/L	80				65	117	
	Anthracene	0.4	0.32	ug/L	80				57	118	
	Fluoranthene	0.4	0.27	ug/L	68				53	126	
	Pyrene	0.4	0.35	ug/L	88				54	124	
	Benzo(a)anthracene	0.4	0.31	ug/L	78				54	130	
	Chrysene	0.4	0.34	ug/L	85				64	126	
	bis(2-Ethylhexyl)phthalate	0.4	0.31	ug/L	78				40	137	
	Benzo(b)fluoranthene	0.4	0.31	ug/L	78				65	121	
	Benzo(k)fluoranthene	0.4	0.32	ug/L	80				72	119	
	Benzo(a)pyrene	0.4	0.36	ug/L	90				68	120	
	Indeno(1,2,3-cd)pyrene	0.4	0.36	ug/L	90				70	127	
	Dibenz(a,h)anthracene	0.4	0.36	ug/L	90				65	121	
	Benzo(g,h,i)perylene	0.4	0.34	ug/L	85				76	117	
	1,4-Dioxane	0.4	0.24	ug/L	60				60	132	

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SP6430

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN030524 SAS No.: BN030524 SDG NO.: BN030524

Lab File ID: BN030277.D Lab Sample ID: SP6430

Instrument ID: BNA_N Date Extracted:

Matrix: (soil/water) Water Date Analyzed: 03/05/2024

Level: (low/med) LOW Time Analyzed: 18:48

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SP6430	SP6430	BN030277.D	03/05/2024
SP6443	SP6443	BN030278.D	03/05/2024
ICVBN030524	SSTDICV0.4	BN030275.D	03/05/2024

COMMENTS:

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB159312BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN030524 SAS No.: BN030524 SDG NO.: BN030524

Lab File ID: BN030276.D Lab Sample ID: PB159312BL

Instrument ID: BNA_N Date Extracted: 02/27/2024

Matrix: (soil/water) Water Date Analyzed: 03/05/2024

Level: (low/med) LOW Time Analyzed: 18:12

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB159312BS	PB159312BS	BN030283.D	03/06/2024
PB159312BSD	PB159312BSD	BN030284.D	03/06/2024
BP-VPB-195-GW-920-922	P1576-01	BN030285.D	03/06/2024

COMMENTS:

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB159350BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN030524 SAS No.: BN030524 SDG NO.: BN030524

Lab File ID: BN030281.D Lab Sample ID: PB159350BL

Instrument ID: BNA_N Date Extracted: 02/28/2024

Matrix: (soil/water) Water Date Analyzed: 03/06/2024

Level: (low/med) LOW Time Analyzed: 02:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB159350BS	PB159350BS	BN030282.D	03/06/2024

COMMENTS:

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BN030524

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
SP6430	SP6430	BN030277.D	2-Methylnaphthalene-d10	0.4	361.00	90250	*	30	150
			Fluoranthene-d10	0.4	352.00	88000	*	30	150
			2-Fluorophenol	0.4	341.00	85250	*	10	92
			Phenol-d6	0.4	289.00	72250	*	10	100
			Nitrobenzene-d5	0.4	330.00	82500	*	11	175
			2-Fluorobiphenyl	0.4	315.00	78750	*	10	175
			2,4,6-Tribromophenol	0.4	260.00	65000	*	24	148
			Terphenyl-d14	0.4	351.00	87750	*	54	171
SP6443	SP6443	BN030278.D	2-Methylnaphthalene-d10	0.4	0.00	0	*	30	150
			Fluoranthene-d10	0.4	0.00	0	*	30	150
			2-Fluorophenol	0.4	0.00	0	*	10	92
			Phenol-d6	0.4	0.00	0	*	10	100
			Nitrobenzene-d5	0.4	0.00	0	*	11	175
			2-Fluorobiphenyl	0.4	0.00	0	*	10	175
			2,4,6-Tribromophenol	0.4	0.00	0	*	24	148
			Terphenyl-d14	0.4	0.00	0	*	54	171
SSTDICV0.4	ICVBN030524	BN030275.D	2-Methylnaphthalene-d10	0.4	376.00	94000	*	30	150
			Fluoranthene-d10	0.4	375.00	93750	*	30	150
			2-Fluorophenol	0.4	370.00	92500	*	10	92
			Phenol-d6	0.4	345.00	86250	*	10	100
			Nitrobenzene-d5	0.4	384.00	96000	*	11	175
			2-Fluorobiphenyl	0.4	392.00	98000	*	10	175
			2,4,6-Tribromophenol	0.4	329.00	82250	*	24	148
			Terphenyl-d14	0.4	407.00	101750	*	54	171

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BN030524

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	High
P1576-01	BP-VPB-195-GW-9	BN030285.D	2-Methylnaphthalene-d10	0.4	0.30	76		30	150
			Fluoranthene-d10	0.4	0.34	84		30	150
			2-Fluorophenol	0.4	0.09	23		10	92
			Phenol-d6	0.4	0.05	12		10	100
			Nitrobenzene-d5	0.4	0.28	70		11	175
			2-Fluorobiphenyl	0.4	0.31	78		10	175
			2,4,6-Tribromophenol	0.4	0.26	64		24	148
			Terphenyl-d14	0.4	0.40	101		54	171
PB159312BL	PB159312BL	BN030276.D	2-Methylnaphthalene-d10	0.4	0.30	76		30	150
			Fluoranthene-d10	0.4	0.30	75		30	150
			2-Fluorophenol	0.4	0.30	75		10	92
			Phenol-d6	0.4	0.26	65		10	100
			Nitrobenzene-d5	0.4	0.30	75		11	175
			2-Fluorobiphenyl	0.4	0.30	75		10	175
			2,4,6-Tribromophenol	0.4	0.23	57		24	148
			Terphenyl-d14	0.4	0.32	80		54	171
PB159312BS	PB159312BS	BN030283.D	2-Methylnaphthalene-d10	0.4	0.45	113		30	150
			Fluoranthene-d10	0.4	0.28	71		30	150
			2-Fluorophenol	0.4	0.29	71		10	92
			Phenol-d6	0.4	0.28	70		10	100
			Nitrobenzene-d5	0.4	0.34	85		11	175
			2-Fluorobiphenyl	0.4	0.34	85		10	175
			2,4,6-Tribromophenol	0.4	0.26	64		24	148
			Terphenyl-d14	0.4	0.35	86		54	171
PB159312BSD	PB159312BSD	BN030284.D	2-Methylnaphthalene-d10	0.4	0.44	110		30	150
			Fluoranthene-d10	0.4	0.27	68		30	150
			2-Fluorophenol	0.4	0.28	70		10	92
			Phenol-d6	0.4	0.28	69		10	100
			Nitrobenzene-d5	0.4	0.33	83		11	175
			2-Fluorobiphenyl	0.4	0.34	84		10	175
			2,4,6-Tribromophenol	0.4	0.27	66		24	148
			Terphenyl-d14	0.4	0.36	90		54	171

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BN030524

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB159350BL	PB159350BL	BN030281.D	2-Methylnaphthalene-d10	0.4	0.30	75		30	150
			Fluoranthene-d10	0.4	0.31	77		30	150
			2-Fluorophenol	0.4	0.30	75		10	92
			Phenol-d6	0.4	0.26	64		10	100
			Nitrobenzene-d5	0.4	0.28	70		11	175
			2-Fluorobiphenyl	0.4	0.30	74		10	175
			2,4,6-Tribromophenol	0.4	0.21	51		24	148
			Terphenyl-d14	0.4	0.33	83		54	171
PB159350BS	PB159350BS	BN030282.D	2-Methylnaphthalene-d10	0.4	0.43	107		30	150
			Fluoranthene-d10	0.4	0.27	67		30	150
			2-Fluorophenol	0.4	0.28	70		10	92
			Phenol-d6	0.4	0.28	70		10	100
			Nitrobenzene-d5	0.4	0.32	80		11	175
			2-Fluorobiphenyl	0.4	0.32	81		10	175
			2,4,6-Tribromophenol	0.4	0.24	60		24	148
			Terphenyl-d14	0.4	0.33	83		54	171

CHEMTECH

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN030524

Lab Code: CHEM SAS No.: BN030524 SDG NO.: BN030524

Lab File ID: BN030267.D DFTPP Injection Date: 03/05/2024

Instrument ID: BNA_N DFTPP Injection Time: 11:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.2
68	Less than 2.0% of mass 69	1 (2) 1
69	Mass 69 relative abundance	49.8
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	56.3
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	4.9
441	Present, but less than mass 443	11.8
442	Greater than 50% of mass 198	80.9
443	15.0 - 24.0% of mass 442	14.8 (18.3) 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
SSTDICC0.1	SSTDICC0.1	BN030268.D	03/05/2024	12:46
SSTDICC0.2	SSTDICC0.2	BN030269.D	03/05/2024	13:22
SSTDICCC0.4	SSTDICCC0.4	BN030270.D	03/05/2024	13:58
SSTDICC0.8	SSTDICC0.8	BN030271.D	03/05/2024	14:35
SSTDICC1.6	SSTDICC1.6	BN030272.D	03/05/2024	15:11
SSTDICC3.2	SSTDICC3.2	BN030273.D	03/05/2024	15:47
SSTDICC5.0	SSTDICC5.0	BN030274.D	03/05/2024	16:23
ICVBN030524	SSTDICV0.4	BN030275.D	03/05/2024	16:59
PB159312BL	PB159312BL	BN030276.D	03/05/2024	18:12
SP6430	SP6430	BN030277.D	03/05/2024	18:48
SP6443	SP6443	BN030278.D	03/05/2024	19:24

CHEMTECH

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN030524

Lab Code: CHEM SAS No.: BN030524 SDG NO.: BN030524

Lab File ID: BN030279.D DFTPP Injection Date: 03/06/2024

Instrument ID: BNA_N DFTPP Injection Time: 00:50

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	44.5
68	Less than 2.0% of mass 69	1 (1.9) 1
69	Mass 69 relative abundance	51.9
70	Less than 2.0% of mass 69	0.3 (0.5) 1
127	10.0 - 80.0% of mass 198	57.3
197	Less than 2.0% of mass 198	1.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	27.4
365	Greater than 1% of mass 198	5.2
441	Present, but less than mass 443	13
442	Greater than 50% of mass 198	83.1
443	15.0 - 24.0% of mass 442	16.5 (19.9) 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	BN030280.D	03/06/2024	01:29
PB159350BL	PB159350BL	BN030281.D	03/06/2024	02:05
PB159350BS	PB159350BS	BN030282.D	03/06/2024	02:42
PB159312BS	PB159312BS	BN030283.D	03/06/2024	03:18
PB159312BSD	PB159312BSD	BN030284.D	03/06/2024	03:54
BP-VPB-195-GW-920-922	P1576-01	BN030285.D	03/06/2024	04:30