

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

LAB CHRONICLE

OrderID:	Q1888	OrderDate:	4/25/2025 10:17:00 AM
Client:	Chemtech Consulting Group	Project:	Weekly Storage Blanks
Contact:	QA Officer	Location:	L31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1888-10	SVOC-GPC2-BLANK	SOIL	SVOC-Chemtech Full -25	SFAM_SVOC	04/18/25	04/28/25	05/02/25	04/25/25



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

Hit Summary Sheet SW-846

SDG No.: Q1888
Client: Chemtech Consulting Group

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :				0.000				
Total Svoc :					0.00			
Total Concentration:					0.00			



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q1888

Client: Chemtech Consulting Group

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
Q1888-10	SVOC-GPC2-BLANK	1,4-Dioxane-d8	8	0	0	*	15	120
		Pyridine-d5	40	0	0	*	20	120
		Phenol-d5	40	0	0	*	10	130
		Bis(2-Chloroethyl)ether-d8	40	0	0	*	10	150
		2-Chlorophenol-d4	40	0	0	*	15	120
		4-Methylphenol-d8	40	0	0	*	10	140
		Nitrobenzene-d5	40	0	0	*	10	135
		2-Nitrophenol-d4	40	0	0	*	10	120
		2,4-Dichlorophenol-d3	40	0	0	*	10	140
		4-Chloroaniline-d4	40	0	0	*	1	145
		Dimethylphthalate-d6	40	0	0	*	10	145
		Acenaphthylene-d8	40	0	0	*	15	120
		4-Nitrophenol-d4	40	0	0	*	10	150
		Fluorene-d10	40	0	0	*	20	140
		4,6-Dinitro-2-methylphenol	40	0	0	*	10	130
		Anthracene-d10	40	0	0	*	10	150
		Pyrene-d10	40	0	0	*	10	130
		Benzo(a)pyrene-d12	40	0	0	*	10	140

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC2-BLANK

Lab Name: CHEMTECH

Contract: CHEM02

Lab Code: CHEM Case No.: Q1888

SAS No.: Q1888 SDG NO.: Q1888

Lab File ID: BN036959.D

Lab Sample ID: Q1888-10

Instrument ID: BNA_N

Date Extracted: 04/28/2025

Matrix: (soil/water) SOIL

Date Analyzed: 05/02/2025

Level: (low/med) LOW

Time Analyzed: 15:14

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SVOC-GPC2-BLANK	Q1888-10	BN036959.D	05/02/2025

COMMENTS: _____

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: CHEM02

Lab Code: CHEM

SAS No.: Q1888

SDG NO.: Q1888

Lab File ID: BN036955.D

DFTPP Injection Date: 05/02/2025

Instrument ID: BNA_N

DFTPP Injection Time: 12:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	73.9
68	Less than 2.0% of mass 69	0.8 (1.4) 1
69	Mass 69 relative abundance	61
70	Less than 2.0% of mass 69	0.3 (0.4) 1
127	10.0 - 80.0% of mass 198	54.7
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	26.1
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	8.7
442	Greater than 50% of mass 198	58.6
443	15.0 - 24.0% of mass 442	11.2 (19.2) 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
SSTD020367	SSTDCCC020	BN036956.D	05/02/2025	13:16
SVOC-GPC2-BLANK	Q1888-10	BN036959.D	05/02/2025	15:14
SSTD020368	SSTDCCC020EC	BN036960.D	05/02/2025	15:53

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1888 SAS No.: Q1888 SDG NO.: Q1888

EPA Sample No.: SSTD020367 Date Analyzed: 05/02/2025

Lab File ID: BN036956.D Time Analyzed: 13:16

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	45237	7.622	203583	10.40	145982	14.28
UPPER LIMIT	90474	8.122	407166	10.904	291964	14.775
LOWER LIMIT	22618.5	7.122	101792	9.904	72991	13.775
EPA SAMPLE NO.						
01 SVOC-GPC2-BLANK	49622	7.62	201284	10.40	131239	14.28

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1888 SAS No.: Q1888 SDG NO.: Q1888

EPA Sample No.: SSTD020367 Date Analyzed: 05/02/2025

Lab File ID: BN036956.D Time Analyzed: 13:16

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	304492	17.022	335761	21.257	363826	24.145
UPPER LIMIT	608984	17.522	671522	21.757	727652	24.645
LOWER LIMIT	152246	16.522	167881	20.757	181913	23.645
EPA SAMPLE NO.						
01 SVOC-GPC2-BLANK	263314	17.02	254237	21.25	240799	24.15

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.



SAMPLE DATA

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/18/25
Project:	Weekly Storage Blanks	Date Received:	04/25/25
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	Q1888
Lab Sample ID:	Q1888-10	Matrix:	SOIL
Analytical Method:	SFAM_SVOC	% Solid:	100
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	SVOC-Chemtech Full -25
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 2.0	GPC Cleanup :	Y PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN036959.D	1	04/28/25 10:45	05/02/25 15:14	PB167762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
123-91-1	1,4-Dioxane	36.0	U	36.0	200	ug/Kg
100-52-7	Benzaldehyde	180	U	180	990	ug/Kg
108-95-2	Phenol	110	U	110	990	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	90.0	U	90.0	990	ug/Kg
95-57-8	2-Chlorophenol	75.0	U	75.0	510	ug/Kg
95-48-7	2-Methylphenol	110	U	110	990	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	93.0	U	93.0	990	ug/Kg
98-86-2	Acetophenone	140	U	140	990	ug/Kg
106-44-5	4-Methylphenol	110	U	110	990	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	120	U	120	510	ug/Kg
67-72-1	Hexachloroethane	57.0	U	57.0	510	ug/Kg
98-95-3	Nitrobenzene	75.0	U	75.0	510	ug/Kg
78-59-1	Isophorone	110	U	110	510	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	510	ug/Kg
105-67-9	2,4-Dimethylphenol	240	U	240	510	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	84.0	U	84.0	510	ug/Kg
120-83-2	2,4-Dichlorophenol	93.0	U	93.0	510	ug/Kg
91-20-3	Naphthalene	75.0	U	75.0	510	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	990	ug/Kg
87-68-3	Hexachlorobutadiene	69.0	U	69.0	510	ug/Kg
105-60-2	Caprolactam	130	U	130	990	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	510	ug/Kg
91-57-6	2-Methylnaphthalene	93.0	U	93.0	510	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	990	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	U	130	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	510	ug/Kg
92-52-4	1,1-Biphenyl	99.0	U	99.0	510	ug/Kg
91-58-7	2-Chloronaphthalene	93.0	U	93.0	510	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	510	ug/Kg

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/18/25
Project:	Weekly Storage Blanks	Date Received:	04/25/25
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	Q1888
Lab Sample ID:	Q1888-10	Matrix:	SOIL
Analytical Method:	SFAM_SVOC	% Solid:	100
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	SVOC-Chemtech Full -25
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 2.0	GPC Cleanup :	Y PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN036959.D	1	04/28/25 10:45	05/02/25 15:14	PB167762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
131-11-3	Dimethylphthalate	96.0	U	96.0	510	ug/Kg
606-20-2	2,6-Dinitrotoluene	87.0	U	87.0	510	ug/Kg
208-96-8	Acenaphthylene	100	U	100	510	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	990	ug/Kg
83-32-9	Acenaphthene	110	U	110	510	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	990	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	990	ug/Kg
132-64-9	Dibenzofuran	93.0	U	93.0	510	ug/Kg
121-14-2	2,4-Dinitrotoluene	81.0	U	81.0	510	ug/Kg
84-66-2	Diethylphthalate	110	U	110	510	ug/Kg
86-73-7	Fluorene	130	U	130	510	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	510	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	990	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	990	ug/Kg
86-30-6	N-Nitrosodiphenylamine	96.0	U	96.0	510	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	96.0	U	96.0	510	ug/Kg
101-55-3	4-Bromophenyl-phenylether	210	U	210	510	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	510	ug/Kg
1912-24-9	Atrazine	110	U	110	990	ug/Kg
87-86-5	Pentachlorophenol	290	U	290	990	ug/Kg
85-01-8	Phenanthrene	110	U	110	510	ug/Kg
120-12-7	Anthracene	110	U	110	510	ug/Kg
86-74-8	Carbazole	140	U	140	990	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	510	ug/Kg
206-44-0	Fluoranthene	130	U	130	510	ug/Kg
129-00-0	Pyrene	120	U	120	510	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	990	ug/Kg
56-55-3	Benzo(a)anthracene	87.0	U	87.0	510	ug/Kg
218-01-9	Chrysene	100	U	100	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	510	ug/Kg

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/18/25
Project:	Weekly Storage Blanks	Date Received:	04/25/25
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	Q1888
Lab Sample ID:	Q1888-10	Matrix:	SOIL
Analytical Method:	SFAM_SVOC	% Solid:	100
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	SVOC-Chemtech Full -25
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 2.0	GPC Cleanup :	Y PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN036959.D	1	04/28/25 10:45	05/02/25 15:14	PB167762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
117-84-0	Di-n-octyl phthalate	120	U	120	990	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	U	120	510	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	96.0	U	96.0	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	120	U	120	510	ug/Kg
SURROGATES						
17647-74-4	1,4-Dioxane-d8	0	*	15 - 120	0%	SPK: 8
7291-22-7	Pyridine-d5	0.34	*	20 - 120	0%	SPK: 40
4165-62-2	Phenol-d5	0	*	10 - 130	0%	SPK: 40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0	*	10 - 150	0%	SPK: 40
93951-73-6	2-Chlorophenol-d4	0	*	15 - 120	0%	SPK: 40
190780-66-6	4-Methylphenol-d8	0	*	10 - 140	0%	SPK: 40
4165-60-0	Nitrobenzene-d5	0	*	10 - 135	0%	SPK: 40
93951-78-1	2-Nitrophenol-d4	0	*	10 - 120	0%	SPK: 40
93951-74-7	2,4-Dichlorophenol-d3	0	*	10 - 140	0%	SPK: 40
191656-33-4	4-Chloroaniline-d4	0	*	1 - 145	0%	SPK: 40
85448-30-2	Dimethylphthalate-d6	0	*	10 - 145	0%	SPK: 40
93951-97-4	Acenaphthylene-d8	0	*	15 - 120	0%	SPK: 40
93951-79-2	4-Nitrophenol-d4	0	*	10 - 150	0%	SPK: 40
81103-79-9	Fluorene-d10	0	*	20 - 140	0%	SPK: 40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	*	10 - 130	0%	SPK: 40
1719-06-8	Anthracene-d10	0	*	10 - 150	0%	SPK: 40
1718-52-1	Pyrene-d10	0	*	10 - 130	0%	SPK: 40
63466-71-7	Benzo(a)pyrene-d12	0	*	10 - 140	0%	SPK: 40
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	49600	7.622			
1146-65-2	Naphthalene-d8	201000	10.404			

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/18/25
Project:	Weekly Storage Blanks	Date Received:	04/25/25
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	Q1888
Lab Sample ID:	Q1888-10	Matrix:	SOIL
Analytical Method:	SFAM_SVOC	% Solid:	100
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	SVOC-Chemtech Full -25
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 2.0	GPC Cleanup :	Y PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN036959.D	1	04/28/25 10:45	05/02/25 15:14	PB167762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
15067-26-2	Acenaphthene-d10	131000	14.275			
1517-22-2	Phenanthrene-d10	263000	17.022			
1719-03-5	Chrysene-d12	254000	21.251			
1520-96-3	Perylene-d12	241000	24.145			
TENTATIVE IDENTIFIED COMPOUNDS						
E966796	Total Alkanes	0			99.0	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050225\
 Data File : BN036959.D
 Acq On : 02 May 2025 15:14
 Operator : RC/JU
 Sample : Q1888-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SVOC-GPC2-BLANK

Quant Time: May 02 15:55:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041525.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 15 15:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	49622	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	201284	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.275	164	131239	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.022	188	263314	20.000	ng/u1	0.00
79) Chrysene-d12	21.251	240	254237	20.000	ng/u1	-0.01
88) Perylene-d12	24.145	264	240799	20.000	ng/u1	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0	0.000	ng/u1	
11) 2-Chlorophenol-d4	0.000	132	0	0.000	ng/u1	
15) 4-Methylphenol-d8	0.000	113	0	0.000	ng/u1	
21) Nitrobenzene-d5	0.000	128	0	0.000	ng/u1	
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/u1	
28) 2,4-Dichlorophenol-d3	0.000	165	0	0.000	ng/u1	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	0.000	166	0	0.000	ng/u1	
49) Acenaphthylene-d8	0.000	160	0	0.000	ng/u1	
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/u1	
60) Fluorene-d10	0.000	176	0	0.000	ng/u1	
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/u1	
73) Anthracene-d10	0.000	188	0d	0.000	ng/u1	
81) Pyrene-d10	0.000	212	0	0.000	ng/u1	
92) Benzo(a)pyrene-d12	0.000	264	0	0.000	ng/u1	

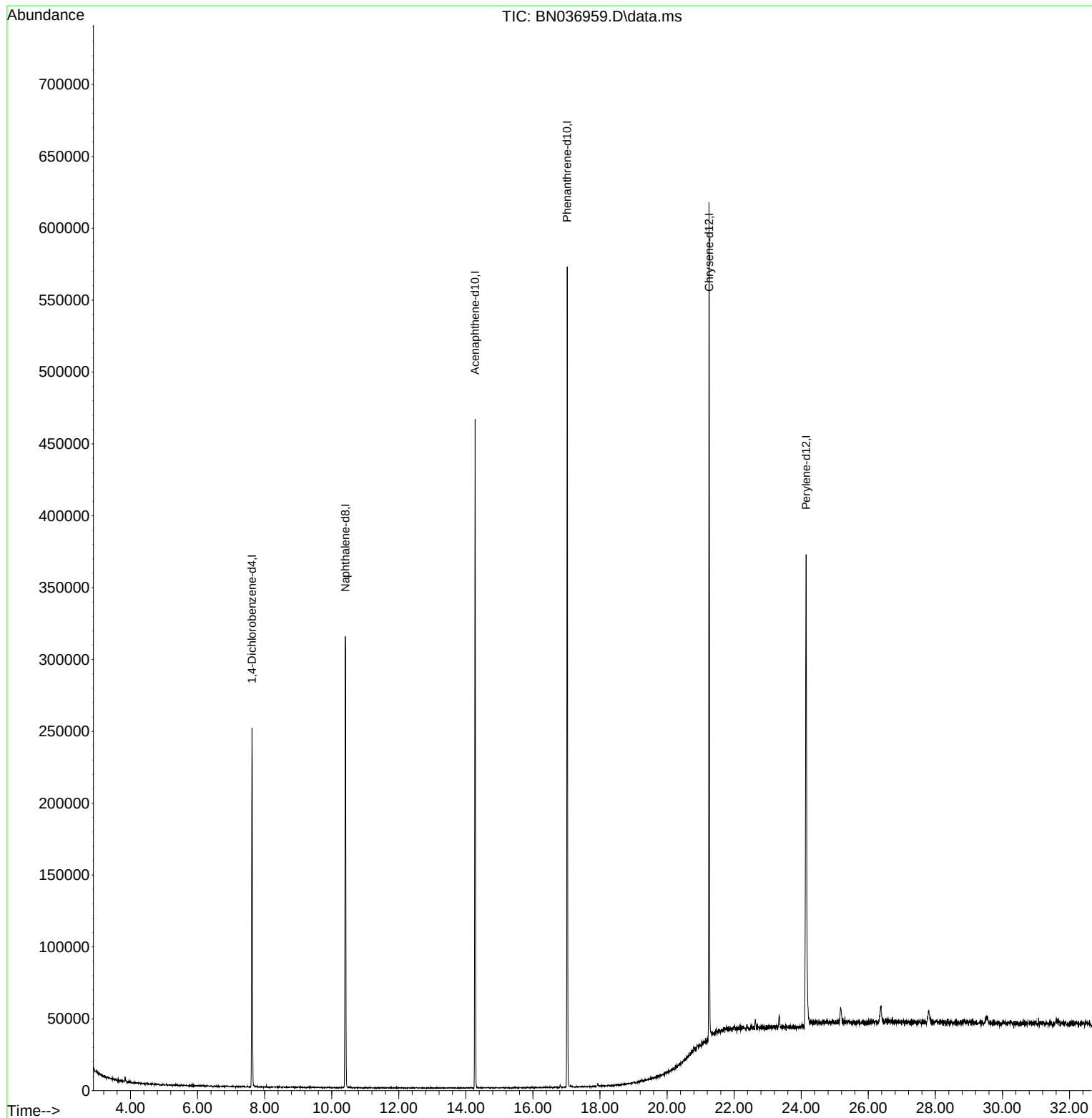
Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050225\
Data File : BN036959.D
Acq On : 02 May 2025 15:14
Operator : RC/JU
Sample : Q1888-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SVOC-GPC2-BLANK

Quant Time: May 02 15:55:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041525.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 15 15:13:59 2025
Response via : Initial Calibration





CALIBRATION SUMMARY

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1888 SAS No.: Q1888 SDG No.: Q1888

Instrument ID: BNA_N Calibration Date/Time: 05/02/2025 13:16

Lab File ID: BN036956.D Init. Calib. Date(s): 04/15/2025 04/15/2025

EPA Sample No.: SSTD020367 Init. Calib. Time(s): 10:59 14:15

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.564	0.565	0.010	0.2	40.0
Benzaldehyde	0.889	1.191	0.010	34.1	40.0
Phenol	1.873	1.876	0.080	0.2	20.0
Bis(2-Chloroethyl)ether	1.486	1.464	0.100	-1.5	20.0
2-Chlorophenol	1.346	1.416	0.200	5.2	20.0
2-Methylphenol	1.355	1.359	0.010	0.3	20.0
2,2-oxybis(1-Chloropropane)	2.926	2.962	0.010	1.2	40.0
Acetophenone	2.387	2.506	0.060	5.0	20.0
4-Methylphenol	1.529	1.540	0.010	0.7	20.0
N-Nitroso-di-n-propylamine	1.383	1.464	0.050	5.9	30.0
Hexachloroethane	0.654	0.717	0.100	9.7	20.0
Nitrobenzene	0.475	0.509	0.050	7.0	25.0
Isophorone	0.824	0.839	0.050	1.7	25.0
2-Nitrophenol	0.178	0.189	0.050	6.0	25.0
2,4-Dimethylphenol	0.395	0.425	0.050	7.7	25.0
Bis(2-Chloroethoxy)methane	0.473	0.490	0.050	3.7	20.0
2,4-Dichlorophenol	0.306	0.325	0.060	6.1	20.0
Naphthalene	1.055	1.132	0.200	7.3	20.0
4-Chloroaniline	0.427	0.444	0.010	4.2	40.0
Hexachlorobutadiene	0.207	0.226	0.040	9.1	30.0
Caprolactam	0.103	0.101	0.010	-2.3	40.0
4-Chloro-3-methylphenol	0.375	0.403	0.040	7.5	25.0
2-Methylnaphthalene	0.743	0.794	0.100	6.8	20.0
Hexachlorocyclopentadiene	0.345	0.339	0.010	-1.8	40.0
2,4,6-Trichlorophenol	0.364	0.366	0.090	0.5	25.0
2,4,5-Trichlorophenol	0.397	0.409	0.100	3.1	25.0
1,1-Biphenyl	1.461	1.476	0.200	1.0	20.0
2-Chloronaphthalene	1.115	1.132	0.300	1.5	20.0
2-Nitroaniline	0.467	0.490	0.050	4.9	40.0
Dimethylphthalate	1.461	1.499	0.300	2.6	20.0
2,6-Dinitrotoluene	0.283	0.288	0.080	1.6	30.0
Acenaphthylene	1.720	1.765	0.400	2.6	20.0
3-Nitroaniline	0.286	0.294	0.010	2.6	40.0
Acenaphthene	1.267	1.332	0.200	5.1	20.0
2,4-Dinitrophenol	0.187	0.183	0.010	-2.2	40.0
4-Nitrophenol	0.314	0.368	0.010	17.4	40.0
Dibenzofuran	1.759	1.862	0.300	5.9	20.0
2,4-Dinitrotoluene	0.428	0.447	0.070	4.4	30.0
Diethylphthalate	1.568	1.684	0.300	7.4	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1888 SAS No.: Q1888 SDG No.: Q1888

Instrument ID: BNA_N Calibration Date/Time: 05/02/2025 13:16

Lab File ID: BN036956.D Init. Calib. Date(s): 04/15/2025 04/15/2025

EPA Sample No.: SSTD020367 Init. Calib. Time(s): 10:59 14:15

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Fluorene	1.437	1.525	0.200	6.1	20.0
4-Chlorophenyl-phenylether	0.694	0.736	0.100	6.2	20.0
4-Nitroaniline	0.275	0.328	0.010	18.9	40.0
4,6-Dinitro-2-methylphenol	0.142	0.141	0.010	-0.4	40.0
N-Nitrosodiphenylamine	0.606	0.629	0.050	3.8	20.0
1,2,4,5-Tetrachlorobenzene	0.571	0.566	0.100	-0.8	20.0
4-Bromophenyl-phenylether	0.195	0.202	0.070	3.7	20.0
Hexachlorobenzene	0.209	0.219	0.050	4.7	25.0
Atrazine	0.229	0.229	0.010	0.2	25.0
Pentachlorophenol	0.150	0.143	0.010	-4.5	40.0
Phenanthrene	1.122	1.174	0.200	4.7	20.0
Anthracene	1.137	1.192	0.200	4.8	20.0
Carbazole	1.036	1.109	0.050	7.1	40.0
Di-n-butylphthalate	1.308	1.434	0.500	9.7	25.0
Fluoranthene	1.393	1.271	0.400	-8.7	25.0
Pyrene	1.494	1.371	0.400	-8.3	25.0
Butylbenzylphthalate	0.593	0.608	0.100	2.6	40.0
3,3-Dichlorobenzidine	0.356	0.412	0.010	15.7	40.0
Benzo(a)anthracene	1.348	1.381	0.300	2.5	30.0
Chrysene	1.269	1.354	0.200	6.7	30.0
Bis(2-ethylhexyl)phthalate	0.848	0.950	0.200	12.1	40.0
Di-n-octyl phthalate	1.534	1.429	0.010	-6.8	40.0
Benzo(b)fluoranthene	1.252	1.270	0.200	1.4	25.0
Benzo(k)fluoranthene	1.261	1.285	0.200	1.9	25.0
Benzo(a)pyrene	1.131	1.227	0.200	8.5	20.0
Indeno(1,2,3-cd)pyrene	1.264	1.441	0.200	14.0	25.0
Dibenzo(a,h)anthracene	1.029	1.190	0.200	15.7	30.0
Benzo(g,h,i)perylene	0.964	1.112	0.200	15.4	30.0
2,3,4,6-Tetrachlorophenol	0.337	0.351	0.040	4.2	20.0
1,4-Dioxane-d8	0.497	0.481	0.010	-3.3	25.0
Pyridine-d5	1.510	1.553	0.010	2.8	40.0
Phenol-d5	1.758	1.727	0.010	-1.7	25.0
Bis-(2-Chloroethyl)ether-d8	1.284	1.290	0.050	0.5	25.0
2-Chlorophenol-d4	1.267	1.322	0.200	4.3	20.0
4-Methylphenol-d8	1.439	1.445	0.010	0.4	20.0
Nitrobenzene-d5	0.154	0.157	0.050	1.7	20.0
2-Nitrophenol-d4	0.162	0.169	0.050	4.1	30.0
2,4-Dichlorophenol-d3	0.299	0.314	0.060	5.0	20.0
4-Chloroaniline-d4	0.447	0.464	0.010	3.8	40.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1888 SAS No.: Q1888 SDG No.: Q1888

Instrument ID: BNA_N Calibration Date/Time: 05/02/2025 13:16

Lab File ID: BN036956.D Init. Calib. Date(s): 04/15/2025 04/15/2025

EPA Sample No.: SSTD020367 Init. Calib. Time(s): 10:59 14:15

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Dimethylphthalate-d6	1.470	1.476	0.300	0.4	20.0
Acenaphthylene-d8	1.623	1.698	0.400	4.6	20.0
4-Nitrophenol-d4	0.280	0.289	0.010	3.3	40.0
Fluorene-d10	1.226	1.279	0.100	4.3	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.128	0.010	-3.3	40.0
Anthracene-d10	0.962	1.014	0.300	5.4	20.0
Pyrene-d10	1.174	1.084	0.300	-7.7	25.0
Benzo(a)pyrene-d12	1.003	1.051	0.010	4.7	20.0

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050225\
 Data File : BN036956.D
 Acq On : 02 May 2025 13:16
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020367

Quant Time: May 02 14:54:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041525.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 15 15:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	45237	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	203583	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.275	164	145982	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.022	188	304492	20.000	ng/u1	0.00
79) Chrysene-d12	21.257	240	335761	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	363826	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.111	96	8701	7.735	ng/uL	0.00
4) Pyridine-d5	3.517	84	70231	20.561	ng/u1	0.00
7) Phenol-d5	6.799	99	78134	19.651	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	58354	20.093	ng/u1	0.00
11) 2-Chlorophenol-d4	7.158	132	59803	20.863	ng/u1	0.00
15) 4-Methylphenol-d8	8.334	113	65386	20.086	ng/u1	0.00
21) Nitrobenzene-d5	8.775	128	31933	20.339	ng/u1	0.00
24) 2-Nitrophenol-d4	9.493	143	34381	20.827	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.034	165	63841	21.002	ng/u1	0.00
31) 4-Chloroaniline-d4	10.546	131	94503	20.751	ng/u1	0.00
46) Dimethylphthalate-d6	13.693	166	215518	20.087	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	247944	20.926	ng/u1	0.00
54) 4-Nitrophenol-d4	14.481	143	42234	20.657	ng/u1	0.00
60) Fluorene-d10	15.269	176	186755	20.863	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.398	200	38901	19.347	ng/u1	0.00
73) Anthracene-d10	17.122	188	308689	21.078	ng/u1	0.00
81) Pyrene-d10	19.422	212	363995	18.469	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	382209	20.946	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.140	88	10222	8.017	ng/uL	98
5) Pyridine	3.534	79	71957	20.382	ng/u1	92
6) Benzaldehyde	6.769	77	53897	26.817	ng/u1	99
8) Phenol	6.822	94	84874	20.034	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.052	93	66207	19.694	ng/u1	96
12) 2-Chlorophenol	7.187	128	64052	21.035	ng/u1	96
13) 2-Methylphenol	8.069	108	61492	20.067	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.146	45	134000	20.247	ng/u1	98
16) Acetophenone	8.446	105	113366	21.001	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.434	70	66229	21.170	ng/u1	89
18) 4-Methylphenol	8.399	108	69669	20.146	ng/u1	99
19) Hexachloroethane	8.699	117	32433	21.936	ng/u1	96
22) Nitrobenzene	8.816	77	103567	21.403	ng/u1	96
23) Isophorone	9.346	82	170771	20.350	ng/u1	100
25) 2-Nitrophenol	9.528	139	38514	21.204	ng/u1	95
26) 2,4-Dimethylphenol	9.593	107	86624	21.545	ng/u1	94
27) Bis(2-Chloroethoxy)met...	9.828	93	99853	20.734	ng/u1	100
29) 2,4-Dichlorophenol	10.057	162	66109	21.226	ng/u1	99
30) Naphthalene	10.457	128	230406	21.452	ng/u1	100
32) 4-Chloroaniline	10.569	127	90490	20.841	ng/u1	98
33) Hexachlorobutadiene	10.746	225	46033	21.825	ng/u1	95
34) Caprolactam	11.334	113	20547m	19.539	ng/u1	
35) 4-Chloro-3-methylphenol	11.704	107	82112	21.497	ng/u1	97
36) 2-Methylnaphthalene	12.075	142	161585	21.367	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050225\
 Data File : BN036956.D
 Acq On : 02 May 2025 13:16
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020367

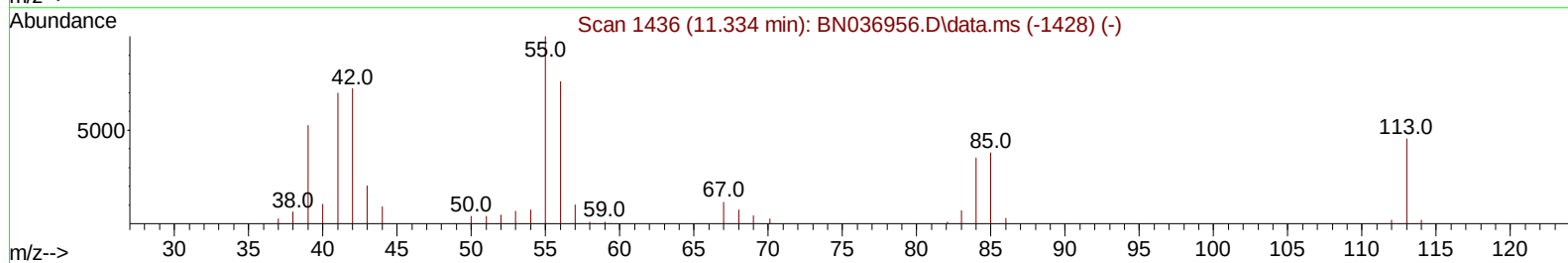
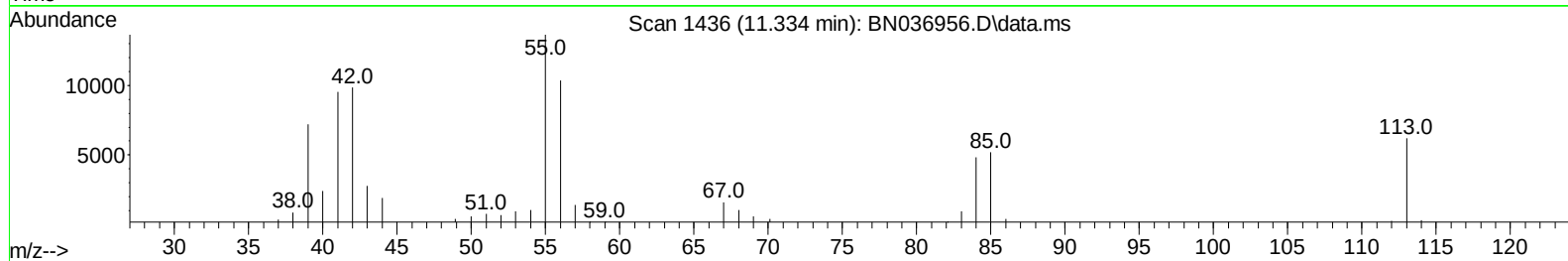
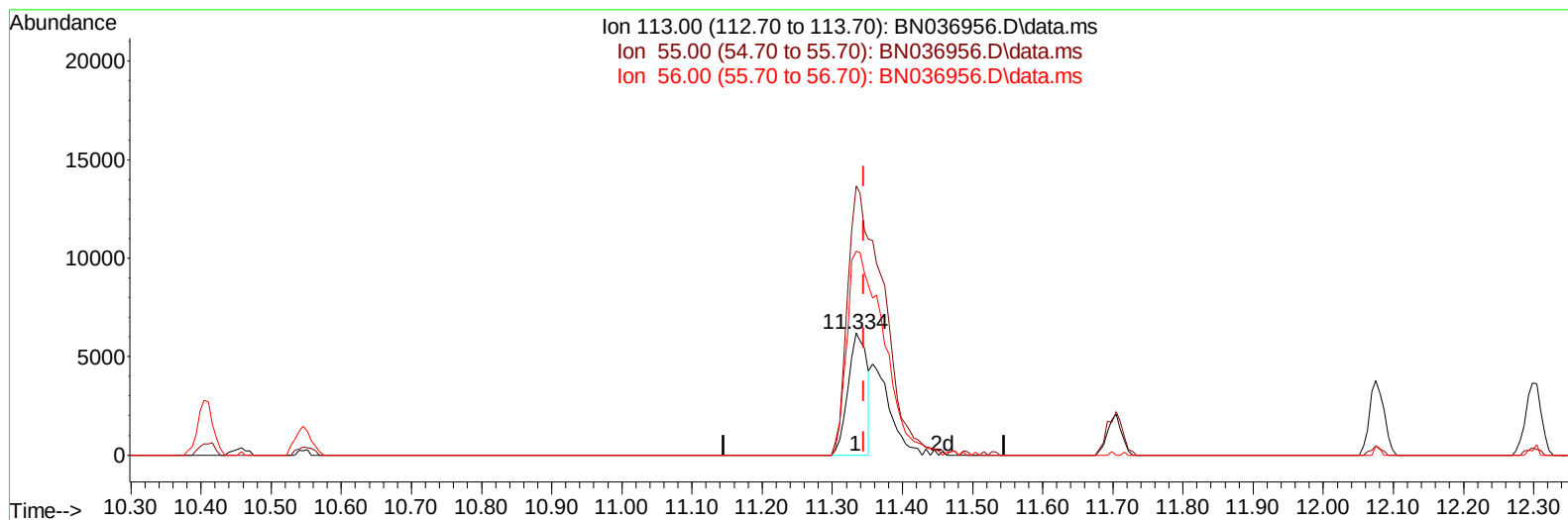
Quant Time: May 02 14:54:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041525.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 15 15:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	160731	21.349	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.451	216	82658	19.849	ng/ul#	98
40) Hexachlorocyclopentadiene	12.434	237	49503	19.640	ng/ul	100
41) 2,4,6-Trichlorophenol	12.698	196	53470	20.098	ng/ul	94
42) 2,4,5-Trichlorophenol	12.763	196	59728	20.617	ng/ul	97
43) 1,1'-Biphenyl	13.104	154	215529	20.208	ng/ul	99
44) 2-Chloronaphthalene	13.140	162	165286	20.308	ng/ul	98
45) 2-Nitroaniline	13.351	65	71526	20.977	ng/ul	94
47) Dimethylphthalate	13.740	163	218896	20.524	ng/ul	99
48) 2,6-Dinitrotoluene	13.857	165	42044	20.329	ng/ul	96
50) Acenaphthylene	13.998	152	257622	20.516	ng/ul	98
51) 3-Nitroaniline	14.181	138	42885	20.524	ng/ul	99
52) Acenaphthene	14.340	153	194438	21.022	ng/ul	95
53) 2,4-Dinitrophenol	14.392	184	26694	19.550	ng/ul	97
55) 4-Nitrophenol	14.492	109	53788	23.487	ng/ul	99
56) Dibenzofuran	14.675	168	271838	21.170	ng/ul	100
57) 2,4-Dinitrotoluene	14.645	165	65248	20.882	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.904	232	51198	20.842	ng/ul#	99
59) Diethylphthalate	15.110	149	245762	21.472	ng/ul	98
61) Fluorene	15.328	166	222612	21.221	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.328	204	107506	21.235	ng/ul	98
63) 4-Nitroaniline	15.345	138	47824	23.786	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.410	198	43039	19.912	ng/ul#	99
67) N-Nitrosodiphenylamine	15.539	169	191603	20.752	ng/ul	93
68) 4-Bromophenyl-phenylether	16.222	248	61549	20.732	ng/ul	93
69) Hexachlorobenzene	16.334	284	66537	20.938	ng/ul	97
70) Atrazine	16.498	200	69879	20.037	ng/ul	99
71) Pentachlorophenol	16.675	266	43614	19.093	ng/ul	97
72) Phenanthrene	17.063	178	357607	20.934	ng/ul	99
74) Anthracene	17.157	178	362848	20.964	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.063	216	84297	19.477	ng/uL	95
76) Pentachlorobenzene	14.598	250	83039	20.807	ng/uL	96
77) Carbazole	17.428	167	337538	21.410	ng/ul	96
78) Di-n-butylphthalate	18.004	149	436754	21.932	ng/ul	99
80) Fluoranthene	19.086	202	426700	18.253	ng/ul	97
82) Pyrene	19.451	202	460241	18.348	ng/ul	99
83) Butylbenzylphthalate	20.363	149	204261	20.523	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.169	252	138184	23.146	ng/ul	99
85) Benzo(a)anthracene	21.239	228	463801	20.497	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.174	149	319140	22.416	ng/ul	99
87) Chrysene	21.298	228	454720	21.343	ng/ul	98
89) Di-n-octyl phthalate	22.274	149	519908	18.633	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	461900	20.273	ng/ul	98
91) Benzo(k)fluoranthene	23.298	252	467419	20.377	ng/ul	98
93) Benzo(a)pyrene	24.010	252	446409	21.691	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.386	276	524389	22.805	ng/ul	98
95) Dibenzo(a,h)anthracene	27.439	278	433123	23.149	ng/ul	98
96) Benzo(g,h,i)perylene	28.398	276	404424	23.072	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050225\
Data File : BN036956.D
Acq On : 02 May 2025 13:16
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 02 14:52:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041525.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 15 15:13:59 2025
Response via : Initial Calibration



TIC: BN036956.D\data.ms

(34) Caprolactam

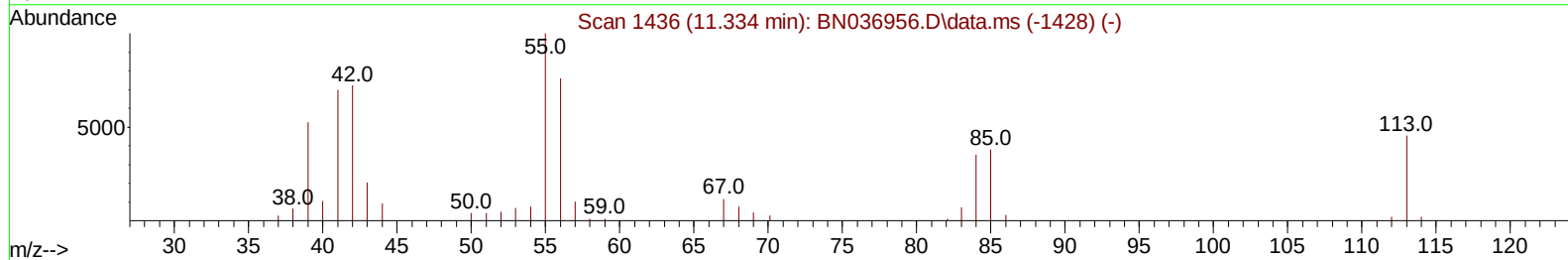
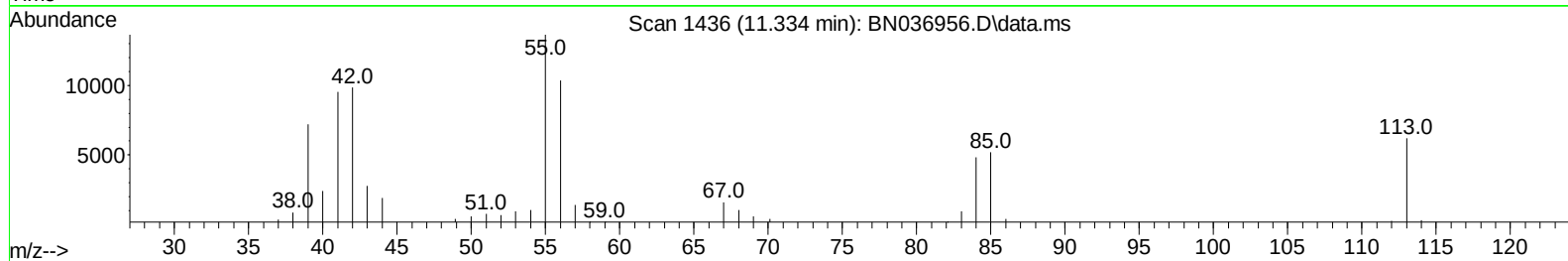
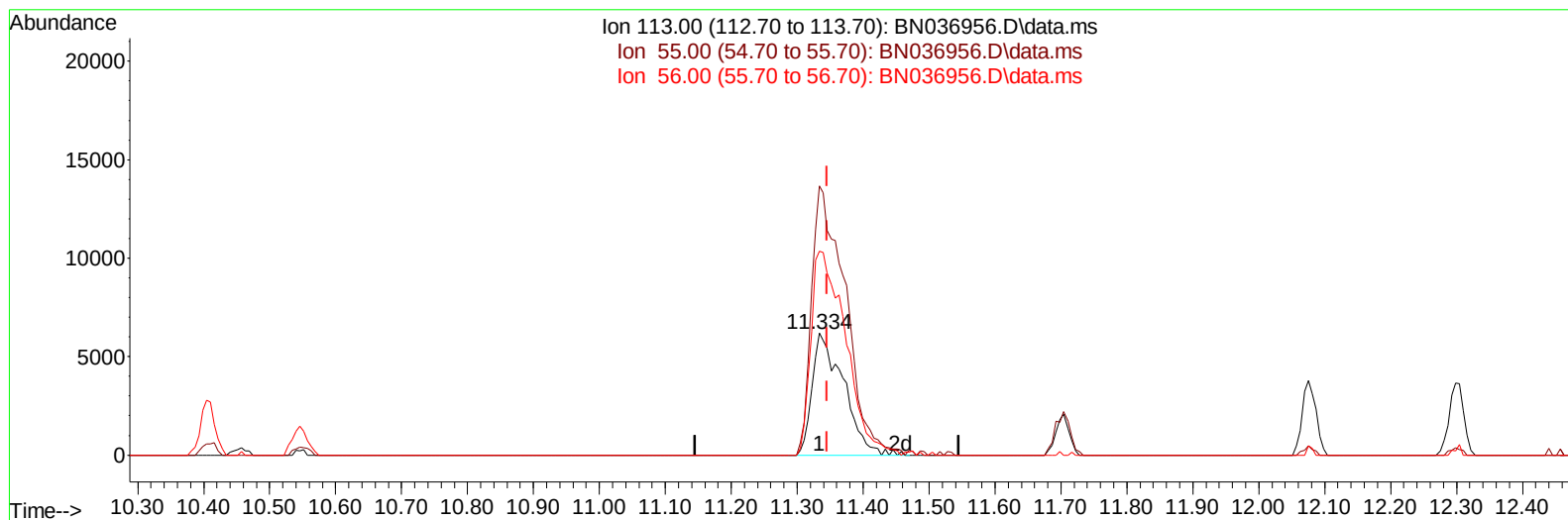
11.334min (-0.012) 11.02 ng/ul

response 11585

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	216.70	220.40
56.00	174.20	167.26
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050225\
Data File : BN036956.D
Acq On : 02 May 2025 13:16
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 02 14:52:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041525.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 15 15:13:59 2025
Response via : Initial Calibration



TIC: BN036956.D\data.ms

(34) Caprolactam

11.334min (-0.012) 19.54 ng/ul m

response 20547

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	216.70	220.40
56.00	174.20	167.26
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050225\
 Data File : BN036956.D
 Acq On : 02 May 2025 13:16
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 02 14:54:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041525.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 15 15:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	45237	20.000	ng/ul	0.00
20) Naphthalene-d8	10.404	136	203583	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.275	164	145982	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.022	188	304492	20.000	ng/ul	0.00
79) Chrysene-d12	21.257	240	335761	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	363826	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.111	96	8701	7.735	ng/uL	0.00
4) Pyridine-d5	3.517	84	70231	20.561	ng/ul	0.00
7) Phenol-d5	6.799	99	78134	19.651	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	58354	20.093	ng/ul	0.00
11) 2-Chlorophenol-d4	7.158	132	59803	20.863	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	65386	20.086	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	31933	20.339	ng/ul	0.00
24) 2-Nitrophenol-d4	9.493	143	34381	20.827	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.034	165	63841	21.002	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	94503	20.751	ng/ul	0.00
46) Dimethylphthalate-d6	13.693	166	215518	20.087	ng/ul	0.00
49) Acenaphthylene-d8	13.963	160	247944	20.926	ng/ul	0.00
54) 4-Nitrophenol-d4	14.481	143	42234	20.657	ng/ul	0.00
60) Fluorene-d10	15.269	176	186755	20.863	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.398	200	38901	19.347	ng/ul	0.00
73) Anthracene-d10	17.122	188	308689	21.078	ng/ul	0.00
81) Pyrene-d10	19.422	212	363995	18.469	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	382209	20.946	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.140	88	10222	8.017	ng/uL	98
5) Pyridine	3.534	79	71957	20.382	ng/ul	92
6) Benzaldehyde	6.769	77	53897	26.817	ng/ul	99
8) Phenol	6.822	94	84874	20.034	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.052	93	66207	19.694	ng/ul	96
12) 2-Chlorophenol	7.187	128	64052	21.035	ng/ul	96
13) 2-Methylphenol	8.069	108	61492	20.067	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.146	45	134000	20.247	ng/ul	98
16) Acetophenone	8.446	105	113366	21.001	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.434	70	66229	21.170	ng/ul	89
18) 4-Methylphenol	8.399	108	69669	20.146	ng/ul	99
19) Hexachloroethane	8.699	117	32433	21.936	ng/ul	96
22) Nitrobenzene	8.816	77	103567	21.403	ng/ul	96
23) Isophorone	9.346	82	170771	20.350	ng/ul	100
25) 2-Nitrophenol	9.528	139	38514	21.204	ng/ul	95
26) 2,4-Dimethylphenol	9.593	107	86624	21.545	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.828	93	99853	20.734	ng/ul	100
29) 2,4-Dichlorophenol	10.057	162	66109	21.226	ng/ul	99
30) Naphthalene	10.457	128	230406	21.452	ng/ul	100
32) 4-Chloroaniline	10.569	127	90490	20.841	ng/ul	98
33) Hexachlorobutadiene	10.746	225	46033	21.825	ng/ul	95
34) Caprolactam	11.334	113	20547m	19.539	ng/ul	
35) 4-Chloro-3-methylphenol	11.704	107	82112	21.497	ng/ul	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050225\
 Data File : BN036956.D
 Acq On : 02 May 2025 13:16
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

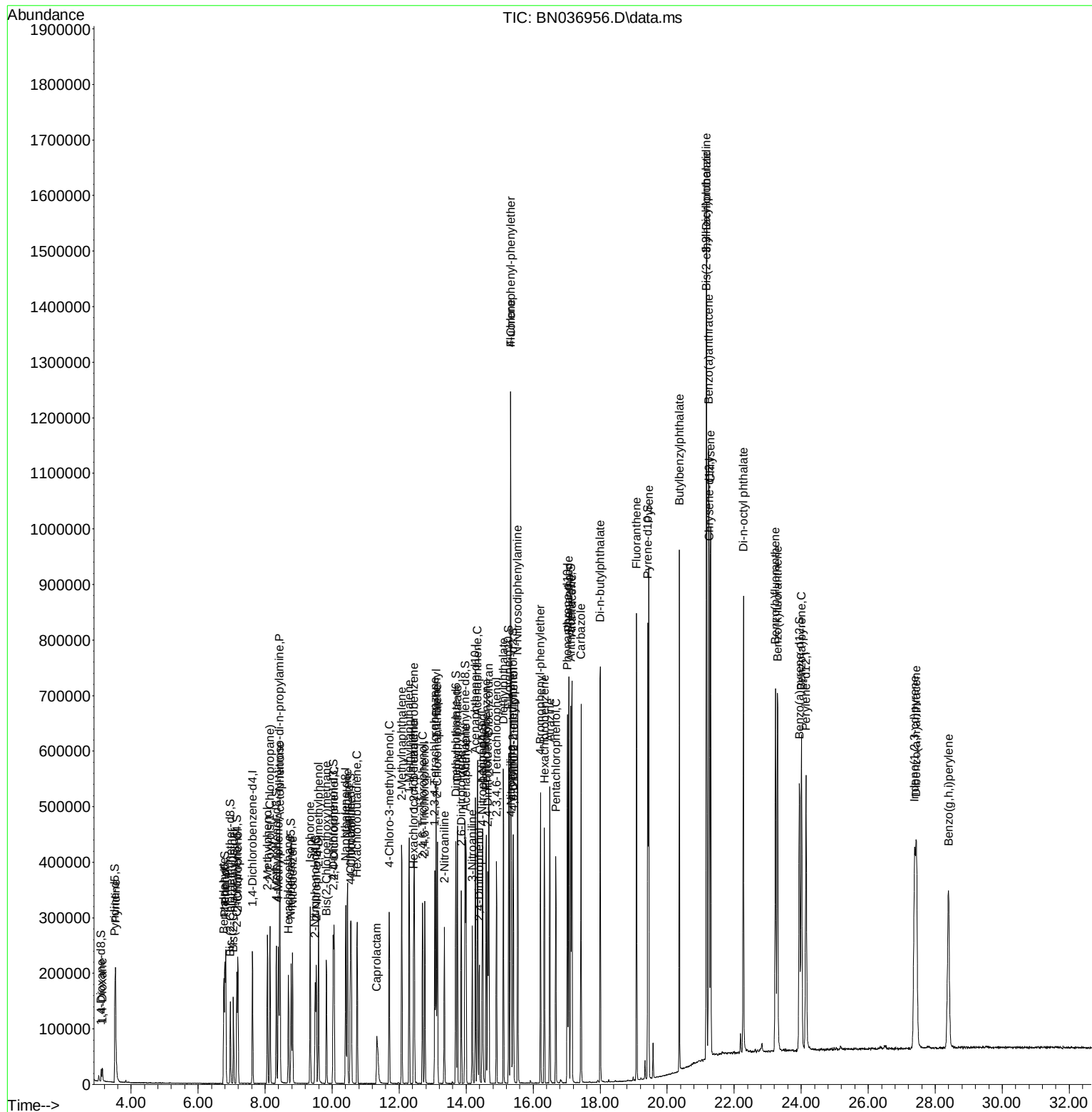
Quant Time: May 02 14:54:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041525.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 15 15:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.075	142	161585	21.367	ng/ul	98
37) 1-Methylnaphthalene	12.298	142	160731	21.349	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.451	216	82658	19.849	ng/ul#	98
40) Hexachlorocyclopentadiene	12.434	237	49503	19.640	ng/ul	100
41) 2,4,6-Trichlorophenol	12.698	196	53470	20.098	ng/ul	94
42) 2,4,5-Trichlorophenol	12.763	196	59728	20.617	ng/ul	97
43) 1,1'-Biphenyl	13.104	154	215529	20.208	ng/ul	99
44) 2-Chloronaphthalene	13.140	162	165286	20.308	ng/ul	98
45) 2-Nitroaniline	13.351	65	71526	20.977	ng/ul	94
47) Dimethylphthalate	13.740	163	218896	20.524	ng/ul	99
48) 2,6-Dinitrotoluene	13.857	165	42044	20.329	ng/ul	96
50) Acenaphthylene	13.998	152	257622	20.516	ng/ul	98
51) 3-Nitroaniline	14.181	138	42885	20.524	ng/ul	99
52) Acenaphthene	14.340	153	194438	21.022	ng/ul	95
53) 2,4-Dinitrophenol	14.392	184	26694	19.550	ng/ul	97
55) 4-Nitrophenol	14.492	109	53788	23.487	ng/ul	99
56) Dibenzofuran	14.675	168	271838	21.170	ng/ul	100
57) 2,4-Dinitrotoluene	14.645	165	65248	20.882	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.904	232	51198	20.842	ng/ul#	99
59) Diethylphthalate	15.110	149	245762	21.472	ng/ul	98
61) Fluorene	15.328	166	222612	21.221	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.328	204	107506	21.235	ng/ul	98
63) 4-Nitroaniline	15.345	138	47824	23.786	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.410	198	43039	19.912	ng/ul#	99
67) N-Nitrosodiphenylamine	15.539	169	191603	20.752	ng/ul	93
68) 4-Bromophenyl-phenylether	16.222	248	61549	20.732	ng/ul	93
69) Hexachlorobenzene	16.334	284	66537	20.938	ng/ul	97
70) Atrazine	16.498	200	69879	20.037	ng/ul	99
71) Pentachlorophenol	16.675	266	43614	19.093	ng/ul	97
72) Phenanthrene	17.063	178	357607	20.934	ng/ul	99
74) Anthracene	17.157	178	362848	20.964	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.063	216	84297	19.477	ng/uL	95
76) Pentachlorobenzene	14.598	250	83039	20.807	ng/uL	96
77) Carbazole	17.428	167	337538	21.410	ng/ul	96
78) Di-n-butylphthalate	18.004	149	436754	21.932	ng/ul	99
80) Fluoranthene	19.086	202	426700	18.253	ng/ul	97
82) Pyrene	19.451	202	460241	18.348	ng/ul	99
83) Butylbenzylphthalate	20.363	149	204261	20.523	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.169	252	138184	23.146	ng/ul	99
85) Benzo(a)anthracene	21.239	228	463801	20.497	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.174	149	319140	22.416	ng/ul	99
87) Chrysene	21.298	228	454720	21.343	ng/ul	98
89) Di-n-octyl phthalate	22.274	149	519908	18.633	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	461900	20.273	ng/ul	98
91) Benzo(k)fluoranthene	23.298	252	467419	20.377	ng/ul	98
93) Benzo(a)pyrene	24.010	252	446409	21.691	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.386	276	524389	22.805	ng/ul	98
95) Dibenzo(a,h)anthracene	27.439	278	433123	23.149	ng/ul	98
96) Benzo(g,h,i)perylene	28.398	276	404424	23.072	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050225\
 Data File : BN036956.D
 Acq On : 02 May 2025 13:16
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 02 14:54:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041525.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 15 15:13:59 2025
 Response via : Initial Calibration





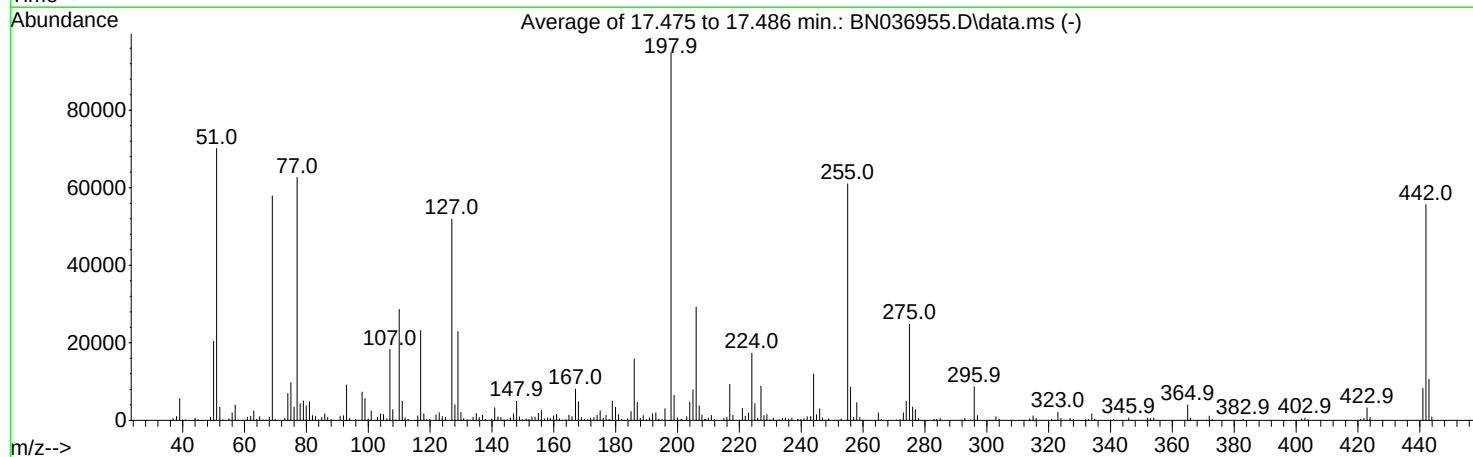
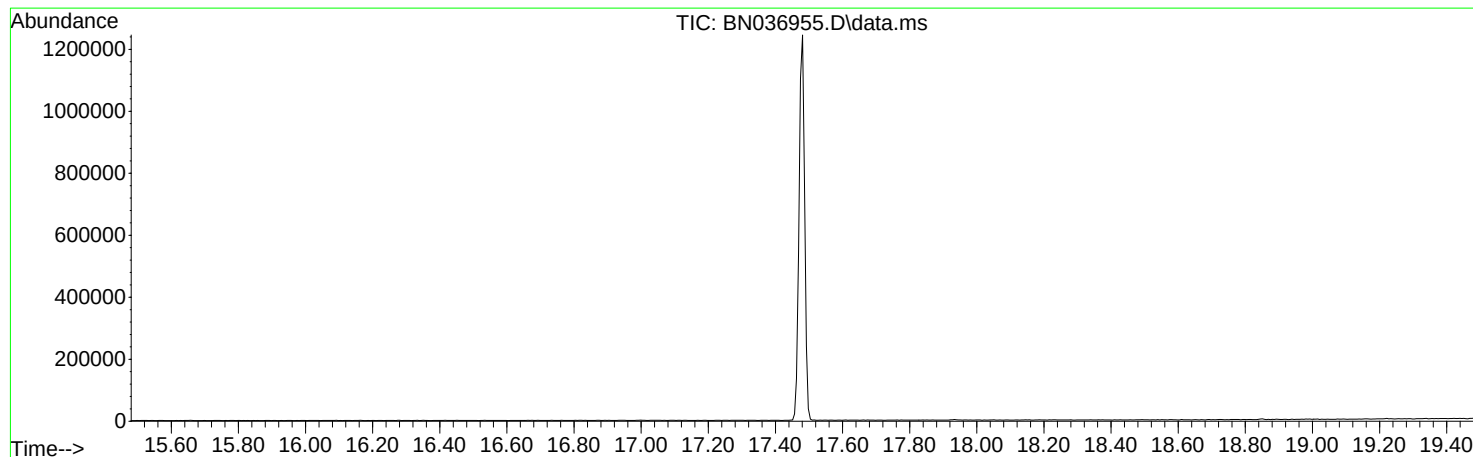
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050225\
Data File : BN036955.D
Acq On : 02 May 2025 12:37
Operator : RC/JU
Sample : DFTPP374
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DFTPP374

Integration File: LSCINT.P

Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041525.MA.M
Title : SVOA CALIBRATION
Last Update : Tue Apr 15 15:13:59 2025



AutoFind: Scans 2480, 2481, 2482; Background Corrected with Scan 2474

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	73.9	70133	PASS
68	69	0.00	2	1.4	794	PASS
69	198	0.00	100	61.0	57885	PASS
70	69	0.00	2	0.4	238	PASS
127	198	10	80	54.7	51917	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	94885	PASS
199	198	5	9	6.8	6494	PASS
275	198	10	60	26.1	24795	PASS
365	198	1	100	4.2	4000	PASS
441	198	0.01	100	8.7	8245	PASS
442	198	50	100	58.6	55619	PASS
443	442	15	24	19.2	10656	PASS

m/z	Abundance
40.00	945.0
44.00	1523.0
73.00	168.0
207.10	424.0
281.00	202.0

Instrument :
BNA_N
ClientSampleId :
DFTPP374

m/z	Abundance
36.90	568.0
38.00	1159.0
39.00	6413.0
40.00	1143.0
41.00	216.0
44.00	2087.0
44.90	184.0
49.00	921.0
50.00	23968.0
51.00	83672.0
52.00	4130.0
53.00	174.0
55.00	476.0
56.00	2198.0
57.00	5079.0
58.00	160.0
60.90	1093.0
62.00	1379.0
63.00	2790.0
64.00	478.0
64.90	1223.0
66.00	194.0
66.90	200.0
69.00	67880.0
69.90	350.0
73.00	821.0
74.00	8148.0
75.00	11545.0
76.00	3945.0
77.00	72200.0
78.00	4930.0
79.00	5939.0
80.00	4438.0
81.00	5376.0
81.90	1481.0
82.90	1057.0
83.90	256.0
84.90	820.0
85.90	1951.0
86.90	842.0
88.00	196.0
88.90	165.0
90.90	1283.0
92.00	1197.0
93.00	10342.0
93.90	685.0
95.90	354.0
98.00	8534.0
99.00	6721.0
99.90	389.0
101.00	2484.0
102.90	924.0
104.00	1995.0
104.90	1886.0
106.00	665.0
107.00	20904.0
107.90	3416.0
110.00	32680.0
111.00	5813.0
111.90	853.0
112.90	287.0
116.00	1141.0
116.90	25904.0
117.90	2170.0
118.90	155.0
121.90	1531.0
123.00	2082.0
123.90	1115.0
124.90	913.0
127.00	59848.0
128.00	4304.0
129.00	24496.0
129.90	2269.0
130.90	450.0
132.10	216.0
133.90	910.0
135.00	2011.0
135.90	971.0
136.90	1448.0
137.90	241.0
140.00	362.0
140.90	3570.0
141.90	1107.0
142.90	817.0
143.90	205.0
144.90	193.0
145.90	745.0
147.00	1952.0
147.90	5478.0
148.90	819.0
149.90	221.0
151.00	372.0

Instrument :
BNA_N
ClientSampleId :
DFTPP374

152.00	271.0
153.00	1090.0
153.90	824.0
155.00	2003.0
156.00	3135.0
157.00	455.0
158.00	645.0
158.90	494.0
159.90	1092.0
160.90	1621.0
161.80	466.0
164.90	1340.0
165.90	1019.0
167.00	8784.0
168.00	5196.0
169.00	769.0
169.90	267.0
171.00	239.0
171.90	653.0
172.90	732.0
174.00	1503.0
175.00	2431.0
175.90	451.0
176.90	1347.0
177.90	453.0
178.90	5445.0
179.90	3477.0
181.00	1546.0
181.90	231.0
183.90	477.0
185.00	2428.0
186.00	16363.0
187.00	4689.0
188.00	537.0
188.90	1188.0
190.00	222.0
190.90	578.0
191.90	1895.0
193.00	2020.0
193.80	325.0
196.00	3091.0
197.90	96864.0
198.90	7455.0
200.00	863.0
201.30	397.0
202.90	956.0
204.00	4982.0
205.00	8132.0
206.00	30776.0
207.00	4350.0
207.90	1227.0
208.80	569.0
210.00	579.0
210.90	1595.0
212.00	227.0
215.00	429.0
216.00	670.0
216.90	9376.0
217.90	1243.0
220.90	3159.0
221.90	1213.0
222.90	2040.0
224.00	16896.0
225.00	4646.0
225.90	570.0
227.00	8764.0
228.00	1293.0
228.90	1380.0
229.80	196.0
231.00	533.0
231.90	189.0
232.90	198.0
233.90	435.0
234.90	604.0
235.90	561.0
237.00	618.0
238.80	287.0
239.90	329.0
240.90	474.0
241.90	923.0
243.00	1052.0
244.00	11856.0
245.00	1692.0
245.90	3239.0
246.90	526.0
247.90	190.0
248.90	458.0
252.90	377.0
255.00	60736.0
255.90	8555.0
257.00	803.0
257.90	4428.0
258.90	888.0
265.00	1840.0
266.00	329.0
270.90	203.0

Instrument :
BNA_N
ClientSampleId :
DFTPP374

271.90	212.0
273.00	1879.0
273.90	4487.0
275.00	23040.0
276.00	3262.0
276.90	2807.0
277.90	444.0
282.90	273.0
283.90	250.0
284.90	576.0
291.80	189.0
292.90	631.0
294.00	207.0
294.80	243.0
296.00	7892.0
296.90	1159.0
303.00	858.0
303.90	215.0
307.90	180.0
313.90	370.0
315.00	1060.0
316.00	466.0
320.90	260.0
323.00	2060.0
323.90	447.0
326.90	504.0
328.00	216.0
332.00	162.0
332.90	217.0
334.00	1673.0
334.90	259.0
341.00	153.0
345.90	587.0
346.80	160.0
352.00	468.0
352.90	452.0
354.00	528.0
364.90	3187.0
365.90	571.0
371.90	1169.0
372.90	179.0
382.90	262.0
401.80	342.0
402.80	430.0
403.80	245.0
420.80	409.0
422.00	454.0
422.90	2665.0
423.90	775.0
441.00	6991.0
442.00	41952.0
443.00	8908.0
443.90	785.0

Instrument :
BNA_N
ClientSampleId :
DFTPP374

m/z	Abundance
37.00	516.0
38.00	1124.0
39.00	6679.0
39.90	1006.0
40.90	263.0
44.00	2205.0
44.90	280.0
49.00	994.0
50.00	24608.0
51.00	83280.0
52.00	3885.0
53.00	184.0
54.90	432.0
56.00	2397.0
57.00	4202.0
57.90	167.0
60.90	962.0
62.00	1077.0
63.00	2865.0
63.90	252.0
64.90	1051.0
68.00	1478.0
69.00	70360.0
69.90	365.0
73.10	806.0
74.00	7950.0
75.00	11295.0
76.00	4120.0
77.00	75208.0
78.00	5088.0
79.00	6135.0
79.90	4150.0
81.00	5834.0
82.00	1559.0
83.00	1238.0
83.90	156.0
85.00	842.0
86.00	2032.0
86.90	862.0
88.00	266.0
90.90	1376.0
92.00	1633.0
93.00	11279.0
93.90	472.0
95.90	379.0
97.00	178.0
98.00	8582.0
98.90	6634.0
100.00	650.0
101.00	2813.0
102.00	161.0
103.00	1030.0
103.90	1887.0
105.00	1850.0
106.00	640.0
107.00	21456.0
108.00	3088.0
110.00	33528.0
111.00	5676.0
111.90	780.0
112.90	298.0
116.00	1337.0
117.00	27776.0
118.00	1941.0
119.00	195.0
119.90	320.0
121.90	1812.0
122.90	2385.0
123.90	1103.0
125.00	1050.0
127.00	61608.0
128.00	5240.0
129.00	28072.0
130.00	2638.0
130.80	473.0
131.90	215.0
133.90	1110.0
134.90	2114.0
135.90	773.0
137.00	1815.0
137.90	310.0
139.90	382.0
140.90	3734.0
141.90	1131.0
142.90	863.0
143.90	235.0
145.00	170.0
146.00	661.0
147.00	1997.0
147.90	5580.0
148.90	1264.0
150.00	245.0

Instrument :
BNA_N
ClientSampleId :
DFTPP374

151.00	506.0
151.90	313.0
152.90	1071.0
153.90	1142.0
155.00	2305.0
156.00	3063.0
156.90	529.0
158.00	756.0
158.90	566.0
159.90	1456.0
160.90	1713.0
161.90	517.0
162.90	189.0
163.90	195.0
164.90	1777.0
165.90	1199.0
167.00	9905.0
167.90	5755.0
168.90	832.0
169.90	297.0
170.90	207.0
171.90	776.0
173.00	921.0
174.00	1602.0
175.00	3088.0
176.00	872.0
176.90	1775.0
178.10	490.0
178.90	6034.0
180.00	4273.0
180.90	1867.0
182.00	345.0
182.80	155.0
183.90	573.0
184.90	2880.0
186.00	18960.0
187.00	5630.0
187.90	678.0
188.90	1720.0
189.90	205.0
190.90	754.0
191.90	1834.0
193.00	2450.0
194.00	448.0
195.00	259.0
195.90	3579.0
197.90	114168.0
198.90	7330.0
199.90	735.0
201.30	508.0
203.00	1147.0
204.00	5449.0
205.00	9495.0
206.00	34424.0
207.00	5016.0
207.90	1700.0
209.00	498.0
209.90	727.0
211.00	1269.0
211.80	247.0
215.00	491.0
215.90	1088.0
216.90	11213.0
217.90	1931.0
219.00	171.0
221.00	3823.0
221.90	1239.0
223.00	2154.0
224.00	20808.0
225.00	5025.0
226.00	648.0
226.90	10485.0
227.90	1616.0
228.90	1822.0
229.90	179.0
230.90	686.0
232.90	173.0
233.90	644.0
235.00	729.0
235.90	361.0
236.90	745.0
239.00	371.0
239.80	223.0
240.80	421.0
241.90	1192.0
243.10	1232.0
244.00	14652.0
245.00	1545.0
246.00	3422.0
247.00	741.0
248.90	540.0
250.80	159.0
251.90	182.0
252.90	415.0
255.00	74504.0
255.90	10395.0

Instrument :
BNA_N
ClientSampleId :
DFTPP374

257.00	957.0
258.00	5480.0
259.00	983.0
259.90	188.0
260.90	173.0
264.90	2131.0
265.90	284.0
270.80	171.0
271.90	221.0
273.00	2424.0
274.00	6104.0
275.00	29640.0
276.00	3938.0
276.90	3587.0
277.90	581.0
278.90	154.0
280.90	163.0
283.00	378.0
283.90	278.0
284.90	539.0
292.00	178.0
292.90	508.0
295.90	10342.0
297.00	1597.0
301.00	160.0
301.90	150.0
303.00	1247.0
303.90	307.0
313.90	530.0
314.90	1179.0
315.90	593.0
321.00	331.0
322.00	195.0
323.00	2181.0
324.00	555.0
326.90	640.0
327.90	307.0
332.00	280.0
333.00	234.0
334.00	2039.0
334.90	425.0
341.00	356.0
345.90	813.0
351.90	674.0
352.90	632.0
354.00	687.0
354.90	236.0
364.90	4776.0
365.80	591.0
371.00	224.0
372.00	1275.0
373.00	261.0
382.90	369.0
401.80	648.0
402.90	687.0
403.90	281.0
421.00	301.0
421.90	581.0
423.00	3877.0
424.00	931.0
441.00	9787.0
442.00	65760.0
443.00	12808.0
443.90	988.0

Instrument :
BNA_N
ClientSampleId :
DFTPP374

m/z	Abundance
36.80	257.0
38.00	667.0
39.00	3803.0
40.00	987.0
44.00	2061.0
48.90	496.0
50.00	12606.0
51.00	43448.0
52.00	2143.0
55.00	290.0
56.00	1245.0
57.00	2440.0
60.90	431.0
62.00	702.0
63.00	1633.0
63.90	167.0
65.00	621.0
68.00	903.0
69.00	35416.0
72.90	495.0
74.00	4740.0
75.00	6306.0
76.10	2211.0
77.00	40576.0
78.10	2866.0
78.90	2936.0
80.00	2561.0
81.00	3114.0
81.90	748.0
82.90	677.0
85.00	537.0
85.90	1069.0
86.90	537.0
90.90	529.0
91.90	815.0
93.00	5745.0
94.00	412.0
96.00	252.0
98.00	4752.0
99.00	3438.0
100.00	212.0
100.90	1846.0
102.90	473.0
103.90	1120.0
105.00	908.0
107.00	12451.0
107.90	1775.0
108.90	433.0
110.00	19616.0
111.00	3196.0
111.80	344.0
112.90	200.0
116.00	958.0
117.00	15877.0
117.90	924.0
118.90	237.0
119.70	214.0
121.90	926.0
122.90	1440.0
123.90	780.0
124.90	468.0
127.00	34296.0
128.00	2614.0
129.00	16294.0
129.90	1295.0
130.90	422.0
132.90	168.0
133.90	512.0
135.00	1200.0
135.80	637.0
136.90	731.0
137.80	172.0
139.90	200.0
140.90	2450.0
141.90	481.0
142.90	601.0
145.90	493.0
147.00	1107.0
148.00	3866.0
148.90	666.0
149.90	186.0
151.10	347.0
151.70	272.0
152.90	583.0
153.90	706.0
155.00	1139.0
155.90	1479.0
156.80	296.0
157.90	476.0
159.00	268.0
160.00	961.0
160.90	1202.0

Instrument :
BNA_N
ClientSampleId :
DFTPP374

161.90	252.0
163.90	158.0
164.90	980.0
165.90	657.0
167.00	5628.0
167.90	3413.0
168.90	565.0
169.90	160.0
170.90	230.0
172.00	316.0
172.90	435.0
173.90	1010.0
175.00	1775.0
176.00	559.0
176.90	797.0
177.90	289.0
178.90	3527.0
180.00	2434.0
180.90	1052.0
181.80	260.0
183.90	329.0
184.90	1658.0
186.00	12040.0
187.00	3580.0
187.90	442.0
188.90	867.0
189.90	205.0
190.90	659.0
191.90	1351.0
192.90	1443.0
193.90	392.0
195.00	188.0
195.90	2331.0
197.90	73624.0
198.90	4698.0
199.90	391.0
201.00	279.0
201.50	318.0
202.90	743.0
203.90	3699.0
205.00	6018.0
206.00	22456.0
207.00	3128.0
207.90	1211.0
208.90	346.0
209.90	381.0
210.90	989.0
214.90	392.0
216.00	617.0
216.90	7222.0
217.90	858.0
220.90	2325.0
221.80	718.0
223.00	1570.0
224.00	14277.0
225.00	3210.0
225.90	575.0
226.90	7199.0
227.90	781.0
228.90	1386.0
229.90	154.0
230.90	466.0
233.90	510.0
234.80	541.0
236.00	259.0
236.90	468.0
238.80	339.0
239.90	207.0
241.00	415.0
241.90	775.0
243.10	634.0
244.00	9401.0
244.90	1219.0
245.90	2218.0
246.80	549.0
248.90	355.0
252.90	366.0
255.00	47816.0
256.00	6908.0
256.90	700.0
258.00	3813.0
259.00	549.0
264.90	1821.0
265.90	170.0
272.00	224.0
273.00	1508.0
273.90	3984.0
275.00	21704.0
276.00	3031.0
276.90	1920.0
278.00	354.0
283.00	330.0
283.80	201.0
284.90	429.0
292.90	512.0
295.90	7923.0

Instrument :
BNA_N
ClientSampleId :
DFTPP374

296.90	1001.0
302.80	742.0
304.00	218.0
313.90	378.0
314.90	1188.0
316.00	420.0
320.90	226.0
323.00	2109.0
323.90	369.0
326.90	454.0
328.00	196.0
332.90	177.0
333.90	1404.0
334.90	376.0
340.90	240.0
345.90	524.0
351.90	580.0
352.90	377.0
354.00	657.0
365.00	4036.0
365.90	495.0
372.00	938.0
372.80	171.0
383.00	209.0
401.90	309.0
402.90	697.0
403.90	154.0
420.80	443.0
421.90	629.0
422.90	3117.0
424.00	473.0
441.00	7958.0
442.00	59144.0
442.90	10253.0
443.90	911.0

Instrument :
BNA_N
ClientSampleId :
DFTPP374

Manual Integration Report

Sequence:	BN041525	Instrument	BNA_n
-----------	----------	------------	-------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTD00517	BN036911.D	Indeno(1,2,3-cd)pyrene	Rahul	4/16/2025 9:38:59 AM	Jagrut	4/17/2025 3:04:27 PM	Peak Integrated by Software
SSTD04020	BN036914.D	Caprolactam	Rahul	4/16/2025 9:39:03 AM	Jagrut	4/17/2025 3:04:30 PM	Peak Integrated by Software
SSTD08021	BN036915.D	Caprolactam	Rahul	4/16/2025 9:39:06 AM	Jagrut	4/17/2025 3:04:32 PM	Peak Integrated by Software
SSTD08021	BN036915.D	Indeno(1,2,3-cd)pyrene	Rahul	4/16/2025 9:39:06 AM	Jagrut	4/17/2025 3:04:32 PM	Peak Integrated by Software
SSTD16022	BN036916.D	4-Nitroaniline	Rahul	4/16/2025 9:39:09 AM	Jagrut	4/17/2025 3:04:34 PM	Peak Integrated by Software
SSTD16022	BN036916.D	Caprolactam	Rahul	4/16/2025 9:39:09 AM	Jagrut	4/17/2025 3:04:34 PM	Peak Integrated by Software
SSTDICV020	BN036917.D	Caprolactam	Rahul	4/16/2025 9:39:12 AM	Jagrut	4/17/2025 3:04:36 PM	Peak Integrated by Software
SSTDCCC020E C	BN036921.D	Caprolactam	Rahul	4/16/2025 9:39:15 AM	Jagrut	4/17/2025 3:04:38 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

BN050225

Instrument

BNA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC020	BN036956.D	Caprolactam	Rahul	5/5/2025 10:13:02 AM	Jagrut	5/7/2025 1:48:02 PM	Peak Integrated by Software
SSTDCCC020E C	BN036960.D	Caprolactam	Rahul	5/5/2025 10:13:05 AM	Jagrut	5/7/2025 1:48:05 PM	Peak Integrated by Software

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN041525

Review By	Rahul	Review On	4/16/2025 9:39:52 AM		
Supervise By	Jagrut	Supervise On	4/17/2025 3:05:06 PM		
SubDirectory	BN041525	HP Acquire Method	BNA_N	HP Processing Method	BN041525
STD. NAME		STD REF.#			
Tune/Reschk		SP6750			
Initial Calibration Stds		SP6761,SP6762,SP6763,SP6764,SP6765,SP6766			
CCC		SP6763			
Internal Standard/PEM		S12659,10ul/1000ul sample			
ICV/I.BLK		SP6751			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP373	BN036910.D	15 Apr 2025 10:20	RC/JU	Ok
2	SSTD00517	BN036911.D	15 Apr 2025 10:59	RC/JU	Ok,M
3	SSTD01018	BN036912.D	15 Apr 2025 11:38	RC/JU	Ok
4	SSTD02019	BN036913.D	15 Apr 2025 12:17	RC/JU	Ok
5	SSTD04020	BN036914.D	15 Apr 2025 12:56	RC/JU	Ok,M
6	SSTD08021	BN036915.D	15 Apr 2025 13:36	RC/JU	Ok,M
7	SSTD16022	BN036916.D	15 Apr 2025 14:15	RC/JU	Ok,M
8	SSTDICV020	BN036917.D	15 Apr 2025 15:33	RC/JU	Ok,M
9	PB166495BL	BN036918.D	15 Apr 2025 16:12	RC/JU	Ok
10	Q1729-10	BN036919.D	15 Apr 2025 16:51	RC/JU	Ok
11	Q1793-10	BN036920.D	15 Apr 2025 17:30	RC/JU	Ok
12	SSTDCCC020EC	BN036921.D	15 Apr 2025 18:09	RC/JU	Ok,M

M : Manual Integration

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN050225

Review By	Rahul	Review On	5/5/2025 10:13:27 AM		
Supervise By	Jagrut	Supervise On	5/7/2025 1:48:28 PM		
SubDirectory	BN050225	HP Acquire Method	BNA_N	HP Processing Method	BN041525
STD. NAME		STD REF.#			
Tune/Reschk		SP6750			
Initial Calibration Stds		SP6761,SP6762,SP6763,SP6764,SP6765,SP6766			
CCC		SP6763			
Internal Standard/PEM		S12662,10ul/1000ul sample			
ICV/I.BLK		SP6751			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP374	BN036955.D	02 May 2025 12:37	RC/JU	Ok
2	SSTDCCC020	BN036956.D	02 May 2025 13:16	RC/JU	Ok,M
3	PB166547BL	BN036957.D	02 May 2025 13:55	RC/JU	Ok
4	Q1837-10	BN036958.D	02 May 2025 14:35	RC/JU	Ok
5	Q1888-10	BN036959.D	02 May 2025 15:14	RC/JU	Ok
6	SSTDCCC020EC	BN036960.D	02 May 2025 15:53	RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN041525

Review By	Rahul	Review On	4/16/2025 9:39:52 AM		
Supervise By	Jagrut	Supervise On	4/17/2025 3:05:06 PM		
SubDirectory	BN041525	HP Acquire Method	BNA_N	HP Processing Method	BN041525

STD. NAME	STD REF.#
Tune/Reschk	SP6750
Initial Calibration Stds	SP6761,SP6762,SP6763,SP6764,SP6765,SP6766
CCC	SP6763
Internal Standard/PEM	S12659,10ul/1000ul sample
ICV/I.BLK	SP6751
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP373	DFTPP373	BN036910.D	15 Apr 2025 10:20		RC/JU	Ok
2	SSTD00517	SSTD005210	BN036911.D	15 Apr 2025 10:59		RC/JU	Ok,M
3	SSTD01018	SSTD010211	BN036912.D	15 Apr 2025 11:38		RC/JU	Ok
4	SSTD02019	SSTD020212	BN036913.D	15 Apr 2025 12:17		RC/JU	Ok
5	SSTD04020	SSTD040213	BN036914.D	15 Apr 2025 12:56		RC/JU	Ok,M
6	SSTD08021	SSTD080214	BN036915.D	15 Apr 2025 13:36		RC/JU	Ok,M
7	SSTD16022	SSTD160215	BN036916.D	15 Apr 2025 14:15		RC/JU	Ok,M
8	SSTDICV020	SICV216	BN036917.D	15 Apr 2025 15:33		RC/JU	Ok,M
9	PB166495BL	SBLK495	BN036918.D	15 Apr 2025 16:12		RC/JU	Ok
10	Q1729-10	SVOC-GPC2-BLANK	BN036919.D	15 Apr 2025 16:51		RC/JU	Ok
11	Q1793-10	SVOC-GPC2-BLANK	BN036920.D	15 Apr 2025 17:30		RC/JU	Ok
12	SSTDCCC020EC	SSTD020366	BN036921.D	15 Apr 2025 18:09		RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN050225

Review By	Rahul	Review On	5/5/2025 10:13:27 AM		
Supervise By	Jagrut	Supervise On	5/7/2025 1:48:28 PM		
SubDirectory	BN050225	HP Acquire Method	BNA_N	HP Processing Method	BN041525
STD. NAME		STD REF.#			
Tune/Reschk		SP6750			
Initial Calibration Stds		SP6761,SP6762,SP6763,SP6764,SP6765,SP6766			
CCC		SP6763			
Internal Standard/PEM		S12662,10ul/1000ul sample			
ICV/I.BLK		SP6751			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP374	DFTPP374	BN036955.D	02 May 2025 12:37		RC/JU	Ok
2	SSTDCCC020	SSTD020367	BN036956.D	02 May 2025 13:16		RC/JU	Ok,M
3	PB166547BL	SBLK547	BN036957.D	02 May 2025 13:55		RC/JU	Ok
4	Q1837-10	SVOC-GPC2-BLANK	BN036958.D	02 May 2025 14:35		RC/JU	Ok
5	Q1888-10	SVOC-GPC2-BLANK	BN036959.D	02 May 2025 15:14		RC/JU	Ok
6	SSTDCCC020EC	SSTD020368	BN036960.D	02 May 2025 15:53		RC/JU	Ok,M

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/28/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 04/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:37
Out Date: 04/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135558

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1883-01	OU4-PCS-TC-27-042325	1	1.18	10.04	11.22	10.67	94.5	
Q1883-03	OU4-PCS-TC-28-042325	2	1.14	9.97	11.11	10.56	94.5	
Q1883-05	OU4-PCS-TC-29-042325	3	1.19	10.54	11.73	11.28	95.7	
Q1883-07	OU4-PCS-TC-30-042325	4	1.17	10.15	11.32	10.96	96.5	
Q1883-09	OU4-PCS-TC-31-042325	5	1.18	10.48	11.66	11.34	96.9	
Q1883-11	OU4-PCS-TC-32-042325	6	1.18	9.96	11.14	10.87	97.3	
Q1883-13	OU4-PCS-18-042325	7	1.15	10.25	11.4	10.86	94.7	
Q1883-15	OU4-PCS-19-042325	8	1.19	10.54	11.73	11.29	95.8	
Q1884-01	P001-SS037-01	9	1.17	10.30	11.47	10.87	94.2	
Q1884-02	P001-SS038-01	10	1.17	10.32	11.49	11.22	97.4	
Q1888-05	SVOC-GPC-BLANK	11	1.00	1.00	2.00	2.00	100.0	
Q1888-06	PEST-GPC-BLANK	12	1.00	1.00	2.00	2.00	100.0	
Q1888-07	PEST-GPC-BLANK-SPIKE	13	1.00	1.00	2.00	2.00	100.0	
Q1888-08	PCB-GPC-BLANK	14	1.00	1.00	2.00	2.00	100.0	
Q1888-09	PCB-GPC-BLANK-SPIKE	15	1.00	1.00	2.00	2.00	100.0	
Q1888-10	SVOC-GPC2-BLANK	16	1.00	1.00	2.00	2.00	100.0	
Q1888-11	PEST-GPC2-BLANK	17	1.00	1.00	2.00	2.00	100.0	
Q1888-12	PEST-GPC2-BLANK-SPIKE	18	1.00	1.00	2.00	2.00	100.0	
Q1888-13	PCB-GPC2-BLANK	19	1.00	1.00	2.00	2.00	100.0	
Q1888-14	PCB-GCP2-BLANK-SPIKE	20	1.00	1.00	2.00	2.00	100.0	
Q1889-01	COMP-1	21	1.19	10.07	11.26	9.5	82.5	
Q1889-02	COMP-2	22	1.16	10.50	11.66	9.61	80.5	
Q1889-03	COMP-3	23	1.11	10.73	11.84	9.77	80.7	
Q1891-01	MH-C	24	1.15	9.48	10.63	9.8	91.2	
Q1891-02	MH-C-EPH	25	1.16	9.82	10.98	10.15	91.5	
Q1891-03	MH-C-VOC	26	1.19	9.94	11.13	10.2	90.6	
Q1891-05	MH-D	27	1.15	10.17	11.32	9.64	83.5	
Q1891-06	MH-D-EPH	28	1.15	9.97	11.12	8.74	76.1	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/28/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 04/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:37
Out Date: 04/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135558

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1891-07	MH-D-VOC	29	1.18	9.46	10.64	8.83	80.9	
Q1892-01	MH-G	30	1.13	9.61	10.74	9.35	85.5	
Q1892-02	MH-G-EPH	31	1.15	10.29	11.44	9.98	85.8	
Q1892-03	MH-G-VOC	32	1.18	10.45	11.63	9.82	82.7	
Q1892-05	MH-H	33	1.14	9.66	10.8	9.92	90.9	
Q1892-06	MH-H-EPH	34	1.12	10.66	11.78	10.68	89.7	
Q1892-07	MH-H-VOC	35	1.18	10.19	11.37	10.28	89.3	
Q1892-09	MH-U2	36	1.18	10.04	11.22	9.96	87.5	
Q1892-10	MH-U2-EPH	37	1.19	10.34	11.53	10.04	85.6	
Q1892-11	MH-U2-VOC	38	1.18	10.22	11.4	10.14	87.7	
Q1893-01	UGGP-1	39	1.00	1.00	2.00	2.00	100.0	TAR SAMPLE
Q1893-02	UGGP-2	40	1.00	1.00	2.00	2.00	100.0	TAR SAMPLE
Q1893-03	INTERIOR-1	41	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1893-04	INTERIOR-2	42	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1893-05	INTERIOR-3	43	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1893-06	INTERIOR-4	44	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1893-07	EXTERIOR-1	45	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1895-01	COMP-1	55	1.14	10.58	11.72	10.97	92.9	
Q1895-03	COMP-2	56	1.14	10.77	11.91	10.96	91.2	
Q1895-05	COMP-3	57	1.18	10.06	11.24	10.56	93.2	
Q1896-01	295-BERGEN-RO	58	1.14	11.31	12.45	10.91	86.4	
Q1896-02	295-BERGEN-RO	59	1.18	10.01	11.19	9.9	87.1	
Q1898-01	41525A	60	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1898-02	41525B	61	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1898-03	42525A	62	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1898-04	42525B	63	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1900-01	WC-1	46	1.14	9.98	11.12	9.56	84.4	
Q1900-02	WC-1-EPH	47	1.14	10.35	11.49	10.19	87.4	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/28/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 04/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:37
Out Date: 04/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135558

Lab ID	Client SampleID	Dish #	Dish Wt (g) (A)	Sample Wt (g)	Dish + Sample Wt (g) (B)	Dish+Dry Sample Wt (g) (C)	% Solid	Comments
Q1900-03	WC-1-VOC	48	1.14	10.01	11.15	9.73	85.8	
Q1900-05	WC-2	49	1.19	8.82	10.01	8.76	85.8	
Q1900-06	WC-2-EPH	50	1.19	10.08	11.27	9.76	85.0	
Q1900-07	WC-2-VOC	51	1.17	10.79	11.96	10.33	84.9	
Q1900-09	WC-3	52	1.14	9.61	10.75	9.32	85.1	
Q1900-10	WC-3-EPH	53	1.12	10.38	11.5	9.11	77.0	
Q1900-11	WC-3-VOC	54	1.19	10.71	11.9	10.39	85.9	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

13558

WorkList Name : %1-042525

WorkList ID : 189135

Department : Wet-Chemistry

Date : 04-25-2025 08:09:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1883-01	OU4-PCS-TC-27-042325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	04/23/2025	Chemtech -SO
Q1883-03	OU4-PCS-TC-28-042325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	04/23/2025	Chemtech -SO
Q1883-05	OU4-PCS-TC-29-042325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	04/23/2025	Chemtech -SO
Q1883-07	OU4-PCS-TC-30-042325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	04/23/2025	Chemtech -SO
Q1883-09	OU4-PCS-TC-31-042325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	04/23/2025	Chemtech -SO
Q1883-11	OU4-PCS-TC-32-042325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	04/23/2025	Chemtech -SO
Q1883-13	OU4-PCS-18-042325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	04/23/2025	Chemtech -SO
Q1883-15	OU4-PCS-19-042325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	04/23/2025	Chemtech -SO
Q1884-01	P001-SS037-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/24/2025	Chemtech -SO
Q1884-02	P001-SS038-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/24/2025	Chemtech -SO
Q1888-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/18/2025	Chemtech -SO
Q1888-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/18/2025	Chemtech -SO
Q1888-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/18/2025	Chemtech -SO
Q1888-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/18/2025	Chemtech -SO
Q1888-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/18/2025	Chemtech -SO
Q1888-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/18/2025	Chemtech -SO
Q1888-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/18/2025	Chemtech -SO
Q1888-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/18/2025	Chemtech -SO
Q1888-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/18/2025	Chemtech -SO
Q1888-14	PCB-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/18/2025	Chemtech -SO
Q1889-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	POWE02	L51	04/24/2025	Chemtech -SO

Date/Time 04/25/25 13:20

Raw Sample Received by: 50 (wec)

Raw Sample Relinquished by: 50 (wec)

Date/Time 04/25/25

Raw Sample Received by: 50 (wec)

Raw Sample Relinquished by: 50 (wec)

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-042525

WorkList ID : 189135

Department : Wet-Chemistry

Date : 04-25-2025 08:09:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1889-02	COMP-2	Solid	Percent Solids	Cool 4 deg C	POWE02	L51	04/24/2025	Chemtech -SO
Q1889-03	COMP-3	Solid	Percent Solids	Cool 4 deg C	POWE02	L51	04/24/2025	Chemtech -SO
Q1891-01	MH-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1891-02	MH-C-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1891-03	MH-C-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1891-05	MH-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1891-06	MH-D-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1891-07	MH-D-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1892-01	MH-G	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/24/2025	Chemtech -SO
Q1892-02	MH-G-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/24/2025	Chemtech -SO
Q1892-03	MH-G-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/24/2025	Chemtech -SO
Q1892-05	MH-H	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/24/2025	Chemtech -SO
Q1892-06	MH-H-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/24/2025	Chemtech -SO
Q1892-07	MH-H-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/24/2025	Chemtech -SO
Q1892-09	MH-U2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/25/2025	Chemtech -SO
Q1892-10	MH-U2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/25/2025	Chemtech -SO
Q1892-11	MH-U2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/25/2025	Chemtech -SO
Q1893-01	UGGP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1893-02	UGGP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1893-03	INTERIOR-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1893-04	INTERIOR-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO

Date/Time

04/25/25

15420

Raw Sample Received by:

SQ wcl U

Raw Sample Relinquished by:

JD csm

Date/Time 04/25/25

Raw Sample Received by:

Raw Sample Relinquished by:

WORKLIST(Hardcopy Internal Chain)

135558

WorkList Name : %1-042525

WorkList ID : 189135

Department : Wet-Chemistry

Date : 04-25-2025 08:09:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1893-05	INTERIOR-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1893-06	INTERIOR-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1893-07	EXTERIOR-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1895-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1895-03	COMP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1895-05	COMP-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1896-01	295-BERGEN-RO	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/25/2025	Chemtech -SO
Q1896-02	295-BERGEN-RO	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/25/2025	Chemtech -SO
Q1898-01	41525A	Solid	Percent Solids	Cool 4 deg C	PSEG03	L12	04/25/2025	Chemtech -SO
Q1898-02	41525B	Solid	Percent Solids	Cool 4 deg C	PSEG03	L12	04/25/2025	Chemtech -SO
Q1898-03	42525A	Solid	Percent Solids	Cool 4 deg C	PSEG03	L12	04/25/2025	Chemtech -SO
Q1898-04	42525B	Solid	Percent Solids	Cool 4 deg C	PSEG03	L12	04/25/2025	Chemtech -SO
Q1900-01	WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1900-02	WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1900-03	WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1900-05	WC-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1900-06	WC-2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1900-07	WC-2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1900-09	WC-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1900-10	WC-3-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1900-11	WC-3-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO

04/25/25 13:20

17:30

Raw Sample Received by: 30 wcc

JD CSM

Raw Sample Relinquished by: JD CSM

30 wcc

SOP ID: M3640A-GPC cleanup-6

Clean Up SOP #: GPC Cleanup

Extraction Start Date : 04/28/2025

Matrix : Solid

Extraction Start Time : 10:45

Weigh By: N/A

Extraction By: N/A

Extraction End Date : 04/29/2025

Balance check: N/A

Filter By: N/A

Extraction End Time : 10:15

Balance ID: N/A

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: N/A

Hood ID: 6,7

Supervisor By : RUPESH

Extraction Method: ☐ Separatory Funnel ☐ Continous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2600
Baked Na2SO4	N/A	EP2607
Methylene Chloride	N/A	E3926
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

No Extraction only GPC Check prepared.

KD Bath ID: Water bath -01

Envap ID: NEVAP-02

KD Bath Temperature: 60 °C

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
4/29/25	RS (Ext Lab)	R/SVOC
10:20	Preparation Group	Analysis Group

Analytical Method: M3640A-GPC cleanup-6

Concentration Date: 04/29/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
Q1888-10	SVOC-GPC2-BLANK	SVOC-Chemtec h Full -25	10.0	N/A	2	2	0.5			

RS
4/29

10:42
2/28/25

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1888GPC WorkList ID : 189184 Department : Extraction Date : 04-28-2025 10:40:38

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1888-10	SVOC-GPC2-BLANK	Solid	SVOC-Chemtech Full -25	Cool 4 deg C	CHEM02	L31	04/18/2025	SFAM_SVOC
Q1888-11	PEST-GPC2-BLANK	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	L31	04/18/2025	SFAM_PEST
Q1888-12	PEST-GPC2-BLANK-SPIKE	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	L31	04/18/2025	SFAM_PEST
Q1888-13	PCB-GPC2-BLANK	Solid	PCB	Cool 4 deg C	CHEM02	L31	04/18/2025	SFAM_PCB
Q1888-14	PCB-GCP2-BLANK-SPIKE	Solid	PCB	Cool 4 deg C	CHEM02	L31	04/18/2025	SFAM_PCB

Date/Time 4/28/25 10:42
Raw Sample Received by: RJ (Ext-642)
Raw Sample Relinquished by: CJL

Date/Time 4/28/25 11:05
Raw Sample Received by: CJL
Raw Sample Relinquished by: RJ (Ext-642)



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 78-8922
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q1888

COC Number:

CLIENT INFORMATION

COMPANY: Alliance Technical Group
ADDRESS: 284 Sheffield Street
CITY: Mountainside STATE: NJ ZIP: 07092
ATTENTION: QA Officer
PHONE: 908-789-8900 FAX: 908-788-9222

PROJECT INFORMATION

PROJECT NAME: Weekly Storage Blanks
PROJECT #: LOCATION:
PROJECT MANAGER:
E-MAIL:
PHONE: FAX:

BILLING INFORMATION

BILL TO: Same PO#
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: 10 DAYS*
HARD COPY: 10 DAYS*
EDD: DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY (L1) ☐ US EPA CLP (L4)
☐ RESULTS + QC (L2) ☐ NYS ASP "A" (L2)
☐ NJ REDUCED (L3) ☐ NYS ASP "B" (L4)
☐ NJ FULL (L4) ☐ Other _____
☐ EDD Format

ANALYSIS

VOC-Drinking H2O	SVOC-Full+25-8270	PESTICIDE-TCL	PCB						
1	2	3	4	5	6	7	8	9	

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	A/E									<-- Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	Storage-Blank-SOIL-REF-6	AQ		X			2	X									
2.	Storage-Blank-WATER-REF-5	AQ		X			2	X									
3.	Storage-Blank-WATER-REF-4	AQ		X			2	X									
4.	Storage-Blank-SAMPLE-MANAGEMENT	AQ		X			2	X									
5.	SVOC-GPC-BLANK	SO		X			1		X								
6.	PEST-GPC-BLANK	SO		X			1			X							
7.	PEST-GPC-BLANK-SPIKE	SO		X			1			X							
8.	PCB-GPC-BLANK	SO		X			1				X						
9.	PCB-GPC-BLANK-SPIKE	SO		X			1				X						
10.	SVOC-GPC2-BLANK	SO		X			1		X								

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSSION INCLUDING COURIER DELIVERY.

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp _____ MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler?: _____
1. Sam	6/4/25/15	1.	Comments:
RELINQUISHED BY	DATE/TIME	RECEIVED BY	
2.		2.	
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY	
3.		3.	

Page 1 of 2

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete
☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY



284 Sheffield Street, Mountainside, NJ 07092

(908) 789-8900 Fax: (908) 78-8922

www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q1888

COC Number:

CLIENT INFORMATION

COMPANY: Alliance Technical Group

ADDRESS: 284 Sheffield Street

CITY Mountainside STATE: NJ ZIP: 07092

ATTENTION: QA Officer

PHONE: 908-789-8900

FAX: 908-788-9222

PROJECT INFORMATION

PROJECT NAME: Weekly Storage Blanks

PROJECT #: LOCATION:

PROJECT MANAGER:

E-MAIL:

PHONE:

FAX:

BILLING INFORMATION

BILL TO: Same

PO#

ADDRESS:

CITY:

STATE: ZIP:

ATTENTION:

PHONE:

DATA TURNAROUND INFORMATION

FAX: 10 DAYS*
HARD COPY: 10 DAYS*
EDD DAYS*

* TO BE APPROVED BY ALLIANCE

STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESULTS ONLY (L1) ☐ US EPA CLP (L4)
☐ RESULTS + QC (L2) ☐ NYS ASP "A" (L2)
☐ NJ REDUCED (L3) ☐ NYS ASP "B" (L4)
☐ NJ FULL (L4) ☐ Other _____
☐ EDD Format

ANALYSIS

VOC-Drinking H2O

SVOC-Full+25-8270

PESTICIDE-TCL

PCB

1

2

3

4

5

6

7

8

9

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	PRESERVATIVES									COMMENTS		
			COMP	GRAB	DATE	TIME		A/E	1	2	3	4	5	6	7	8		9	
1.	PEST-GPC2-BLANK	SO		X			1				X								
2.	PEST-GPC2-BLANK-SPIKE	SO		X			1				X								
3.	PCB-GPC2-BLANK	SO		X			1					X							
4.	PCB-GPC2-BLANK-SPIKE	SO		X			1					X							
5.																			
6.																			
7.																			
8.																			
9.																			
10.																			

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER DATE/TIME RECEIVED BY

1. *Sarm* 04/25/15 1.

RELINQUISHED BY DATE/TIME RECEIVED BY

2.

RELINQUISHED BY DATE/TIME RECEIVED FOR LAB BY

3.

Conditions of bottles or coolers at receipt:

☐ Compliant ☐ Non Compliant ☐ Cooler Temp _____

MeOH extraction requires an additional 4oz. Jar for percent solid

☐ Ice in Cooler?: _____

Comments:

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ OvernightALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete

☐ YES ☐ NO

Page 2 of 2

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488