

Cover Page

Order ID : Q1942

Project ID : Weekly Storage Blanks

Client : Chemtech Consulting Group

Lab Sample Number

Q1942-01
Q1942-02
Q1942-03
Q1942-04
Q1942-10
Q1942-11
Q1942-12
Q1942-13
Q1942-14

Client Sample Number

STORAGE-BLANK-SOIL-REF-6
STORAGE-BLANK-WATER-REF-5
STORAGE-BLANK-WATER-REF-4
STORAGE-BLANK-SAMPLE-MANAGEMENT
SVOC-GPC2-BLANK
PEST-GPC2-BLANK
PEST-GPC2-BLANK-SPIKE
PCB-GPC2-BLANK
PCB-GCP2-BLANK-SPIKE

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 5/16/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1942

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: NILESH PRAJAPATI

Date: 05/16/2025



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

LAB CHRONICLE

OrderID: Q1942
Client: Chemtech Consulting Group
Contact: QA Officer

OrderDate: 5/2/2025 11:11:00 AM
Project: Weekly Storage Blanks
Location: L41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1942-10	SVOC-GPC2-BLANK	SOIL	SVOC-Chemtech Full -25	SFAM_SVOC	04/25/25	05/05/25	05/20/25	05/02/25



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

Hit Summary Sheet
SW-846

SDG No.: Q1942
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.: Q1942

Client: Chemtech Consulting Group

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
Q1942-10	SVOC-GPC2-BLANK	1,4-Dioxane-d8	8	0.036	0	*	15	120
		Pyridine-d5	40	0.015	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	0.068	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	0.11	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.: Q1942

SAS No.: Q1942 SDG NO.: Q1942

Lab File ID: BN037069.D

Lab Sample ID: Q1942-10

Instrument ID: BNA_N

Date Extracted: 05/05/2025

Matrix: (soil/water) SOIL

Date Analyzed: 05/20/2025

Level: (low/med) LOW

Time Analyzed: 11:37

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	Q1942-10	BN037069.D	05/20/2025

COMMENTS: _____

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: CHEM02

Lab Code: CHEM

SAS No.: Q1942 SDG NO.: Q1942

Lab File ID: BN037066.D

DFTPP Injection Date: 05/20/2025

Instrument ID: BNA_N

DFTPP Injection Time: 09:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	71.9
68	Less than 2.0% of mass 69	0.5 (0.8) 1
69	Mass 69 relative abundance	60.4
70	Less than 2.0% of mass 69	0.3 (0.5) 1
127	10.0 - 80.0% of mass 198	54.8
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	7.1
275	10.0 - 60.0% of mass 198	24.5
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	9.2
442	Greater than 50% of mass 198	54.3
443	15.0 - 24.0% of mass 442	11 (20.3) 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
SSTD020369	SSTDCCC020	BN037067.D	05/20/2025	10:16
SVOC-GPC2-BLANK	Q1942-10	BN037069.D	05/20/2025	11:37
SSTD020370	SSTDCCC020	BN037072.D	05/20/2025	13:36

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1942 SAS No.: Q1942 SDG NO.: Q1942

EPA Sample No.: SSTD020369 Date Analyzed: 05/20/2025

Lab File ID: BN037067.D Time Analyzed: 10:16

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	67034	7.605	305940	10.39	212303	14.26
UPPER LIMIT	134068	8.105	611880	10.887	424606	14.763
LOWER LIMIT	33517	7.105	152970	9.887	106152	13.763
EPA SAMPLE NO.						
01 SVOC-GPC2-BLANK	75185	7.61	322790	10.39	212712	14.26

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.: Q1942 SAS No.: Q1942 SDG NO.: Q1942

EPA Sample No.: SSTD020369 Date Analyzed: 05/20/2025

Lab File ID: BN037067.D Time Analyzed: 10:16

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	426404	17.01	426459	21.239	403677	24.122
UPPER LIMIT	852808	17.51	852918	21.739	807354	24.622
LOWER LIMIT	213202	16.51	213230	20.739	201839	23.622
EPA SAMPLE NO.						
01 SVOC-GPC2-BLANK	426774	17.01	388477	21.24	362754	24.12

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:	04/25/25
Project:	Weekly Storage Blanks	Date Received:	05/02/25
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	Q1942
Lab Sample ID:	Q1942-10	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
BN037069.D	1	05/05/25 10:41	05/20/25 11:37	PB167861

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:	04/25/25
Project:	Weekly Storage Blanks	Date Received:	05/02/25
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	Q1942
Lab Sample ID:	Q1942-10	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
BN037069.D	1	05/05/25 10:41	05/20/25 11:37	PB167861

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:	04/25/25
Project:	Weekly Storage Blanks	Date Received:	05/02/25
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	Q1942
Lab Sample ID:	Q1942-10	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
BN037069.D	1	05/05/25 10:41	05/20/25 11:37	PB167861

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	0.040	*	15 - 120	0%	SPK: 8
7291-22-7	Pyridine-d5	0.020	*	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	0.070	*	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	0.11	*	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	75200	7.61			
1146-65-2	Naphthalene-d8	323000	10.393			

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/25/25
Project:	Weekly Storage Blanks	Date Received:	05/02/25
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	Q1942
Lab Sample ID:	Q1942-10	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
BN037069.D	1	05/05/25 10:41	05/20/25 11:37	PB167861

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
15067-26-2	Acenaphthene-d10	213000	14.263			
1517-22-2	Phenanthrene-d10	427000	17.01			
1719-03-5	Chrysene-d12	388000	21.239			
1520-96-3	Perylene-d12	363000	24.115			
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



CALIBRATION SUMMARY

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1942 SAS No.: Q1942 SDG No.: Q1942

Instrument ID: BNA_N Calibration Date/Time: 05/20/2025 10:16

Lab File ID: BN037067.D Init. Calib. Date(s): 05/16/2025 05/16/2025

EPA Sample No.: SSTD020369 Init. Calib. Time(s): 12:53 16:10

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.550	0.603	0.010	9.6	40.0
Benzaldehyde	0.919	1.240	0.010	34.9	40.0
Phenol	1.902	1.954	0.080	2.7	20.0
Bis(2-Chloroethyl)ether	1.500	1.515	0.100	1.0	20.0
2-Chlorophenol	1.378	1.479	0.200	7.3	20.0
2-Methylphenol	1.365	1.391	0.010	1.9	20.0
2,2-oxybis(1-Chloropropane)	3.026	3.013	0.010	-0.4	40.0
Acetophenone	2.382	2.510	0.060	5.3	20.0
4-Methylphenol	1.533	1.558	0.010	1.6	20.0
N-Nitroso-di-n-propylamine	1.374	1.454	0.050	5.8	30.0
Hexachloroethane	0.657	0.739	0.100	12.5	20.0
Nitrobenzene	0.483	0.509	0.050	5.3	25.0
Isophorone	0.819	0.840	0.050	2.6	25.0
2-Nitrophenol	0.181	0.189	0.050	4.4	25.0
2,4-Dimethylphenol	0.391	0.420	0.050	7.3	25.0
Bis(2-Chloroethoxy)methane	0.477	0.478	0.050	0.1	20.0
2,4-Dichlorophenol	0.305	0.324	0.060	6.1	20.0
Naphthalene	1.068	1.098	0.200	2.7	20.0
4-Chloroaniline	0.432	0.439	0.010	1.6	40.0
Hexachlorobutadiene	0.201	0.220	0.040	9.5	30.0
Caprolactam	0.104	0.102	0.010	-2.2	40.0
4-Chloro-3-methylphenol	0.372	0.398	0.040	7.0	25.0
2-Methylnaphthalene	0.737	0.774	0.100	5.1	20.0
Hexachlorocyclopentadiene	0.326	0.322	0.010	-1.1	40.0
2,4,6-Trichlorophenol	0.364	0.384	0.090	5.6	25.0
2,4,5-Trichlorophenol	0.396	0.418	0.100	5.6	25.0
1,1-Biphenyl	1.446	1.454	0.200	0.5	20.0
2-Chloronaphthalene	1.129	1.161	0.300	2.8	20.0
2-Nitroaniline	0.478	0.507	0.050	6.0	40.0
Dimethylphthalate	1.443	1.487	0.300	3.1	20.0
2,6-Dinitrotoluene	0.280	0.296	0.080	5.5	30.0
Acenaphthylene	1.712	1.767	0.400	3.2	20.0
3-Nitroaniline	0.296	0.307	0.010	3.8	40.0
Acenaphthene	1.270	1.318	0.200	3.8	20.0
2,4-Dinitrophenol	0.187	0.169	0.010	-9.8	40.0
4-Nitrophenol	0.313	0.347	0.010	10.9	40.0
Dibenzofuran	1.742	1.814	0.300	4.1	20.0
2,4-Dinitrotoluene	0.425	0.448	0.070	5.5	30.0
Diethylphthalate	1.524	1.588	0.300	4.2	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1942 SAS No.: Q1942 SDG No.: Q1942

Instrument ID: BNA_N Calibration Date/Time: 05/20/2025 10:16

Lab File ID: BN037067.D Init. Calib. Date(s): 05/16/2025 05/16/2025

EPA Sample No.: SSTD020369 Init. Calib. Time(s): 12:53 16:10

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Fluorene	1.430	1.479	0.200	3.4	20.0
4-Chlorophenyl-phenylether	0.676	0.716	0.100	5.9	20.0
4-Nitroaniline	0.281	0.322	0.010	14.7	40.0
4,6-Dinitro-2-methylphenol	0.142	0.141	0.010	-0.3	40.0
N-Nitrosodiphenylamine	0.610	0.613	0.050	0.5	20.0
1,2,4,5-Tetrachlorobenzene	0.566	0.573	0.100	1.4	20.0
4-Bromophenyl-phenylether	0.193	0.201	0.070	4.5	20.0
Hexachlorobenzene	0.208	0.207	0.050	-0.4	25.0
Atrazine	0.226	0.230	0.010	2.1	25.0
Pentachlorophenol	0.149	0.141	0.010	-5.0	40.0
Phenanthrene	1.132	1.167	0.200	3.1	20.0
Anthracene	1.154	1.206	0.200	4.6	20.0
Carbazole	1.051	1.100	0.050	4.7	40.0
Di-n-butylphthalate	1.339	1.444	0.500	7.8	25.0
Fluoranthene	1.297	1.369	0.400	5.6	25.0
Pyrene	1.391	1.459	0.400	4.8	25.0
Butylbenzylphthalate	0.592	0.638	0.100	7.8	40.0
3,3-Dichlorobenzidine	0.365	0.377	0.010	3.2	40.0
Benzo(a)anthracene	1.327	1.378	0.300	3.8	30.0
Chrysene	1.260	1.313	0.200	4.2	30.0
Bis(2-ethylhexyl)phthalate	0.889	0.957	0.200	7.7	40.0
Di-n-octyl phthalate	1.683	1.571	0.010	-6.7	40.0
Benzo(b)fluoranthene	1.249	1.301	0.200	4.2	25.0
Benzo(k)fluoranthene	1.262	1.335	0.200	5.8	25.0
Benzo(a)pyrene	1.130	1.194	0.200	5.7	20.0
Indeno(1,2,3-cd)pyrene	1.208	1.318	0.200	9.0	25.0
Dibenzo(a,h)anthracene	0.981	1.090	0.200	11.1	30.0
Benzo(g,h,i)perylene	0.913	1.010	0.200	10.6	30.0
2,3,4,6-Tetrachlorophenol	0.333	0.359	0.040	7.7	20.0
1,4-Dioxane-d8	0.492	0.504	0.010	2.4	25.0
Pyridine-d5	1.540	1.544	0.010	0.2	40.0
Phenol-d5	1.788	1.782	0.010	-0.4	25.0
Bis-(2-Chloroethyl)ether-d8	1.302	1.332	0.050	2.3	25.0
2-Chlorophenol-d4	1.297	1.390	0.200	7.2	20.0
4-Methylphenol-d8	1.451	1.474	0.010	1.5	20.0
Nitrobenzene-d5	0.154	0.156	0.050	1.2	20.0
2-Nitrophenol-d4	0.166	0.171	0.050	3.2	30.0
2,4-Dichlorophenol-d3	0.300	0.311	0.060	3.6	20.0
4-Chloroaniline-d4	0.449	0.452	0.010	0.6	40.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02
 Lab Code: CHEM Case No.: Q1942 SAS No.: Q1942 SDG No.: Q1942
 Instrument ID: BNA_N Calibration Date/Time: 05/20/2025 10:16
 Lab File ID: BN037067.D Init. Calib. Date(s): 05/16/2025 05/16/2025
 EPA Sample No.: SSTD020369 Init. Calib. Time(s): 12:53 16:10
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Dimethylphthalate-d6	1.438	1.462	0.300	1.7	20.0
Acenaphthylene-d8	1.638	1.663	0.400	1.5	20.0
4-Nitrophenol-d4	0.288	0.278	0.010	-3.3	40.0
Fluorene-d10	1.208	1.270	0.100	5.2	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.129	0.010	-2.3	40.0
Anthracene-d10	0.977	1.016	0.300	4.0	20.0
Pyrene-d10	1.080	1.139	0.300	5.5	25.0
Benzo(a)pyrene-d12	0.999	1.054	0.010	5.5	20.0

All other compounds must meet a minimum RRF of 0.010.



QC SAMPLE DATA

Manual Integration Report

Sequence:

BN052025

Instrument

BNA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC020	BN037067.D	Caprolactam	Rahul	5/20/2025 4:11:49 PM	Jagrut	5/20/2025 4:12:35 PM	Peak Integrated by Software
SSTDCCC020	BN037072.D	Caprolactam	Rahul	5/20/2025 4:16:57 PM	Jagrut	5/20/2025 4:17:25 PM	Peak Integrated by Software

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN052025

Review By	Rahul	Review On	5/20/2025 4:12:07 PM		
Supervise By	Jagrut	Supervise On	5/20/2025 4:12:49 PM		
SubDirectory	BN052025	HP Acquire Method	BNA_N	HP Processing Method	bn051625
STD. NAME		STD REF.#			
Tune/Reschk		SP6750			
Initial Calibration Stds		SP6761,SP6762,SP6763,SP6764,SP6765,SP6766			
CCC		SP6763			
Internal Standard/PEM		S12665,10ul/1000ul sample			
ICV/I.BLK		SP6793			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP376	BN037066.D	20 May 2025 09:37	RC/JU	Ok
2	SSTDCCC020	BN037067.D	20 May 2025 10:16	RC/JU	Ok,M
3	PB166510BL	BN037068.D	20 May 2025 10:57	RC/JU	Ok,M
4	Q1942-10	BN037069.D	20 May 2025 11:37	RC/JU	Ok
5	Q1994-10	BN037070.D	20 May 2025 12:16	RC/JU	Ok
6	Q2061-10	BN037071.D	20 May 2025 12:55	RC/JU	Ok
7	SSTDCCC020	BN037072.D	20 May 2025 13:36	RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN052025

Review By	Rahul	Review On	5/20/2025 4:12:07 PM		
Supervise By	Jagrut	Supervise On	5/20/2025 4:12:49 PM		
SubDirectory	BN052025	HP Acquire Method	BNA_N	HP Processing Method	bn051625

STD. NAME	STD REF.#
Tune/Reschk	SP6750
Initial Calibration Stds	SP6761,SP6762,SP6763,SP6764,SP6765,SP6766
CCC	SP6763
Internal Standard/PEM	S12665,10ul/1000ul sample
ICV/I.BLK	SP6793
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP376	DFTPP376	BN037066.D	20 May 2025 09:37		RC/JU	Ok
2	SSTDCCC020	SSTD020369	BN037067.D	20 May 2025 10:16		RC/JU	Ok,M
3	PB166510BL	SBLK510	BN037068.D	20 May 2025 10:57		RC/JU	Ok,M
4	Q1942-10	SVOC-GPC2-BLANK	BN037069.D	20 May 2025 11:37		RC/JU	Ok
5	Q1994-10	SVOC-GPC2-BLANK	BN037070.D	20 May 2025 12:16		RC/JU	Ok
6	Q2061-10	SVOC-GPC2-BLANK	BN037071.D	20 May 2025 12:55		RC/JU	Ok
7	SSTDCCC020	SSTD020370	BN037072.D	20 May 2025 13:36		RC/JU	Ok,M

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/5/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 05/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 05/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135646

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
Q1913-01	WC-12-S-202504	1	1.18	10.32	11.5	9.49	80.5	
Q1913-03	WC-13-S-202504	2	1.19	10.37	11.56	9.83	83.3	
Q1936-01	SMALL-PILE-A	33	1.15	9.94	11.09	10.18	90.8	
Q1936-02	SMALL-PILE-A	34	1.17	9.94	11.11	10.22	91.0	
Q1936-03	SMALL-PILE-B	35	1.18	10.39	11.57	10.93	93.8	
Q1936-04	SMALL-PILE-B	36	1.18	9.88	11.06	10.44	93.7	
Q1936-05	SMALL-PILE-C	37	1.15	10.03	11.18	10.9	97.2	
Q1936-06	SMALL-PILE-C	38	1.15	10.25	11.4	11.01	96.2	
Q1936-07	SMALL-PILE-D	39	1.16	10.41	11.57	10.97	94.2	
Q1936-08	SMALL-PILE-D	40	1.18	9.96	11.14	10.55	94.1	
Q1937-01	LARGE-PILE-A	41	1.15	10.13	11.28	10.7	94.3	
Q1937-02	LARGE-PILE-A	42	1.18	9.58	10.76	10.2	94.2	
Q1937-03	LARGE-PILE-B	43	1.15	10.03	11.18	10.82	96.4	
Q1937-04	LARGE-PILE-B	44	1.17	10.04	11.21	10.72	95.1	
Q1937-05	LARGE-PILE-C	45	1.16	10.19	11.35	10.83	94.9	
Q1937-06	LARGE-PILE-C	46	1.19	10.06	11.25	10.63	93.8	
Q1937-07	LARGE-PILE-D	47	1.18	10.33	11.51	10.95	94.6	
Q1937-08	LARGE-PILE-D	48	1.17	9.75	10.92	10.33	93.9	
Q1937-09	LARGE-PILE-E	49	1.16	10.14	11.3	10.52	92.3	
Q1937-10	LARGE-PILE-E	50	1.18	10.30	11.48	10.76	93.0	
Q1937-11	LARGE-PILE-F	51	1.18	10.48	11.66	10.58	89.7	
Q1937-12	LARGE-PILE-F	52	1.18	10.25	11.43	10.44	90.3	
Q1938-01	LOWER-WALL-PILE-A	53	1.15	10.33	11.48	10.77	93.1	
Q1938-02	LOWER-WALL-PILE-A	54	1.17	10.50	11.67	10.71	90.9	
Q1938-03	LOWER-WALL-PILE-B	55	1.14	10.15	11.29	10.94	96.6	
Q1938-04	LOWER-WALL-PILE-B	56	1.18	9.90	11.08	10.68	96.0	
Q1938-05	LOWER-WALL-PILE-C	57	1.17	10.23	11.4	11.07	96.8	
Q1938-06	LOWER-WALL-PILE-C	58	1.12	9.82	10.94	10.7	97.6	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/5/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 05/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 05/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135646

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
Q1938-07	LOWER-WALL-PILE-D	59	1.19	10.01	11.2	10.7	95.0	
Q1938-08	LOWER-WALL-PILE-D	60	1.17	10.23	11.4	10.86	94.7	
Q1942-05	SVOC-GPC-BLANK	3	1.00	1.00	2.00	2.00	100.0	
Q1942-06	PEST-GPC-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q1942-07	PEST-GPC-BLANK-SPIKE	5	1.00	1.00	2.00	2.00	100.0	
Q1942-08	PCB-GPC-BLANK	6	1.00	1.00	2.00	2.00	100.0	
Q1942-09	PCB-GPC-BLANK-SPIKE	7	1.00	1.00	2.00	2.00	100.0	
Q1942-10	SVOC-GPC2-BLANK	8	1.00	1.00	2.00	2.00	100.0	
Q1942-11	PEST-GPC2-BLANK	9	1.00	1.00	2.00	2.00	100.0	
Q1942-12	PEST-GPC2-BLANK-SPIKE	10	1.00	1.00	2.00	2.00	100.0	
Q1942-13	PCB-GPC2-BLANK	11	1.00	1.00	2.00	2.00	100.0	
Q1942-14	PCB-GCP2-BLANK-SPIKE	12	1.00	1.00	2.00	2.00	100.0	
Q1944-01	MELTED-RUBBER-SAMPLE	13	1.00	1.00	2.00	2.00	100.0	MELTED-RUBBER-SAMPLE
Q1946-01	BB-CONCRETE	14	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
Q1946-02	BB-CONCRETE	15	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
Q1947-01	MH-P	16	1.18	10.19	11.37	9.28	79.5	
Q1947-02	MH-P-EPH	17	1.15	10.84	11.99	10.64	87.5	
Q1947-03	MH-P-VOC	18	1.16	10.71	11.87	10.5	87.2	
Q1947-05	MH-O	19	1.14	10.59	11.73	10.52	88.6	
Q1947-06	MH-O-EPH	20	1.12	10.00	11.12	9.91	87.9	
Q1947-07	MH-O-VOC	21	1.17	10.00	11.17	9.95	87.8	
Q1951-01	MH-KK	22	1.18	10.40	11.58	10.01	84.9	
Q1951-02	MH-KK-EPH	23	1.16	10.29	11.45	9.91	85.0	
Q1951-03	MH-KK-VOC	24	1.17	10.25	11.42	9.86	84.8	
Q1952-01	CLEAN-FILL	25	1.18	10.49	11.67	8.98	74.4	
Q1952-02	CLEAN-FILL-E2	26	1.13	10.10	11.23	8.47	72.7	
Q1953-01	AUD-25-0075	27	1.00	1.00	2.00	2.00	100.0	pile
Q1953-02	AUD-25-0076	28	1.00	1.00	2.00	2.00	100.0	pile



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/5/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 05/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 05/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135646

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
Q1953-03	AUD-25-0077	29	1.00	1.00	2.00	2.00	100.0	oilc
Q1954-01	BC260874-1-1	30	1.00	1.00	2.00	2.00	100.0	oilc
Q1954-02	BC260874-1-2	31	1.00	1.00	2.00	2.00	100.0	oilc
Q1955-01	LAW-25-0066	32	1.00	1.00	2.00	2.00	100.0	stone sample, 100 % solids

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

WORKLIST(Hardcopy Internal Chain)

173546

WorkList Name : %1-050225

WorkList ID : 189289

Department : Wet-Chemistry

Date : 05-02-2025 14:36:21

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1913-01	WC-12-S-202504	Solid	Percent Solids	Cool 4 deg C	AECO02	L21	04/29/2025	Chemtech -SO
Q1913-03	WC-13-S-202504	Solid	Percent Solids	Cool 4 deg C	AECO02	L21	04/29/2025	Chemtech -SO
Q1936-01	SMALL-PILE-A	Solid	Percent Solids	Cool 4 deg C	SAXT01	L51	05/01/2025	Chemtech -SO
Q1936-02	SMALL-PILE-A	Solid	Percent Solids	Cool 4 deg C	SAXT01	L51	05/01/2025	Chemtech -SO
Q1936-03	SMALL-PILE-B	Solid	Percent Solids	Cool 4 deg C	SAXT01	L51	05/01/2025	Chemtech -SO
Q1936-04	SMALL-PILE-B	Solid	Percent Solids	Cool 4 deg C	SAXT01	L51	05/01/2025	Chemtech -SO
Q1936-05	SMALL-PILE-C	Solid	Percent Solids	Cool 4 deg C	SAXT01	L51	05/01/2025	Chemtech -SO
Q1936-06	SMALL-PILE-C	Solid	Percent Solids	Cool 4 deg C	SAXT01	L51	05/01/2025	Chemtech -SO
Q1936-07	SMALL-PILE-D	Solid	Percent Solids	Cool 4 deg C	SAXT01	L51	05/01/2025	Chemtech -SO
Q1936-08	SMALL-PILE-D	Solid	Percent Solids	Cool 4 deg C	SAXT01	L51	05/01/2025	Chemtech -SO
Q1937-01	LARGE-PILE-A	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1937-02	LARGE-PILE-A	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1937-03	LARGE-PILE-B	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1937-04	LARGE-PILE-B	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1937-05	LARGE-PILE-C	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1937-06	LARGE-PILE-C	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1937-07	LARGE-PILE-D	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1937-08	LARGE-PILE-D	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1937-09	LARGE-PILE-E	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1937-10	LARGE-PILE-E	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1937-11	LARGE-PILE-F	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO

Date/Time 05/02/25 15:10

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 05/02/25 17:10

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

172546

WorkList Name : %1-050225

WorkList ID : 189289

Department : Wet-Chemistry

Date : 05-02-2025 14:36:21

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1937-12	LARGE-PILE-F	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1938-01	LOWER-WALL-PILE-A	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1938-02	LOWER-WALL-PILE-A	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1938-03	LOWER-WALL-PILE-B	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1938-04	LOWER-WALL-PILE-B	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1938-05	LOWER-WALL-PILE-C	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1938-06	LOWER-WALL-PILE-C	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1938-07	LOWER-WALL-PILE-D	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1938-08	LOWER-WALL-PILE-D	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1942-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	05/01/2025	Chemtech -SO
Q1942-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	04/25/2025	Chemtech -SO
Q1942-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	04/25/2025	Chemtech -SO
Q1942-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	04/25/2025	Chemtech -SO
Q1942-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	04/25/2025	Chemtech -SO
Q1942-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	04/25/2025	Chemtech -SO
Q1942-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	04/25/2025	Chemtech -SO
Q1942-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	04/25/2025	Chemtech -SO
Q1942-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	04/25/2025	Chemtech -SO
Q1942-14	PCB-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	04/25/2025	Chemtech -SO
Q1944-01	MELTED-RUBBER-SAMPLE	Solid	Percent Solids	Cool 4 deg C	METE01	L41	05/02/2025	Chemtech -SO
Q1946-01	BB-CONCRETE	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO

Date/Time 05/02/25 15:10

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 05/02/25 17:10

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

8/23/25

WorkList Name : %1-050225

WorkList ID : 189289

Department : Wet-Chemistry

Date : 05-02-2025 14:36:21

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1946-02	BB-CONCRETE	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1947-01	MH-P	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1947-02	MH-P-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1947-03	MH-P-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1947-05	MH-O	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1947-06	MH-O-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1947-07	MH-O-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1951-01	MH-KK	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1951-02	MH-KK-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/02/2025	Chemtech -SO
Q1951-03	MH-KK-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/02/2025	Chemtech -SO
Q1952-01	CLEAN-FILL	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/02/2025	Chemtech -SO
Q1952-02	CLEAN-FILL-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/02/2025	Chemtech -SO
Q1953-01	AUD-25-0075	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/02/2025	Chemtech -SO
Q1953-02	AUD-25-0076	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1953-03	AUD-25-0077	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1954-01	BC260874-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1954-02	BC260874-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1955-01	LAW-25-0066	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO

Date/Time 05/02/25 15:10
Raw Sample Received by: 88 WOC,
Raw Sample Relinquished by: 88 WOC,

Date/Time 05/02/25 17:10
Raw Sample Received by: 88 WOC,
Raw Sample Relinquished by: 88 WOC,

SOP ID:	M3640A-GPC cleanup-6		
Clean Up SOP #:	GPC Cleanup	Extraction Start Date :	05/05/2025
Matrix :	Solid	Extraction Start Time :	10:41
Welgh By:	N/A	Extraction By:	N/A
Balance check:	N/A	Filter By:	N/A
Balance ID:	N/A	pH Meter ID:	N/A
pH Strip Lot#:	N/A	Hood ID:	6,7
Extraction Method:	☐ Seperatory Funnel	☐ Continious Liquid/Liquid	☐ Sonication
		☐ Waste Dilution	☒ Soxhlet
		Extraction End Date :	05/06/2025
		Extraction End Time :	10:15
		Concentration By:	EH
		Supervisor By :	RUPESH

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	E3930
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
5/6/25	RS (B4 lab)	RCLSVOC
10:20	Preparation Group	Analysis Group

Analytical Method: M3640A-GPC cleanup-6

Concentration Date: 05/06/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
Q1942-10	SVOC-GPC2-BLANK	SVOC-Chemtec h Full -25	10.0	N/A	2	2	0.5			

[Large handwritten signature]

RS
5/6

167861
10:41 AM

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1942 WorkList ID : 189316 Department : Extraction Date : 05-05-2025 10:36:47

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1942-10	SVOC-GPC2-BLANK	Solid	SVOC-Chemtech Full -25	Cool 4 deg C	CHEM02	L41	04/25/2025	SFAM_SVOC
Q1942-11	PEST-GPC2-BLANK	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	L41	04/25/2025	SFAM_PEST
Q1942-12	PEST-GPC2-BLANK-SPIKE	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	L41	04/25/2025	SFAM_PEST
Q1942-13	PCB-GPC2-BLANK	Solid	PCB	Cool 4 deg C	CHEM02	L41	04/25/2025	SFAM_PCB
Q1942-14	PCB-GCP2-BLANK-SPIKE	Solid	PCB	Cool 4 deg C	CHEM02	L41	04/25/2025	SFAM_PCB

Date/Time 5/5/25 10:37
Raw Sample Received by: RJ (Ext 1942)
Raw Sample Relinquished by: [Signature]

Date/Time 5/5/25 11:00
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: RJ (Ext 1942)



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:

Q1942

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:

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

FAX: 10 DAYS*

HARD COPY: 10 DAYS*

EDD DAYS*

* TO BE APPROVED BY ALLIANCE

STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	A/E	1	2	3	4	5	6	7	8	9	
			COMP	GRAB	DATE	TIME												
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 POSSESSION 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.		1.	
RELINQUISHED BY	DATE/TIME	RECEIVED BY	Comments:
2.		2.	
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY	
3.		3.	

Page 1 of 2

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ OvernightALLIANCE: ☐ 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

Alliance Project Number:

Q1942

CHAIN OF CUSTODY RECORD

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: _____

COC Number:

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										
			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.							1				X							
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.		1.
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.		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:

Page 2 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

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