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

DATA PACKAGE

SEMI-VOLATILE ORGANICS

PROJECT NAME : NJ WASTE WATER PT

ALLIANCE TECHNICAL GROUP, LLC - NEWARK

284 Sheffiled Stree

Suite 1

Mountainside, NJ - 07092

Phone No: 908-789-8900

ORDER ID : Q1870

ATTENTION : Mohammad Ahmed

Laboratory Certification ID # 20012

Table Of Contents for Q1870

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

Cover Page

Order ID : Q1870

Project ID : NJ Waste Water PT

Client : Alliance Technical Group, LLC - Newark

Lab Sample Number	Client Sample Number
Q1870-01	38072-010925
Q1870-03	38073-100124

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: 5/6/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

CASE NARRATIVE

Alliance Technical Group, LLC - Newark
Project Name: NJ Waste Water PT
Project # N/A
Chemtech Project # Q1870
Test Name: SVOCMS Group2

A. Number of Samples and Date of Receipt:
1 Water sample was received on 04/23/2025.
1 Water sample was received on 04/24/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOCMS Group2 and SVOCMS Group5. This data package contains results for SVOCMS Group2.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_M using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe analysis of SVOCMS Group2 was based on method 8270E and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The Blank Spike met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.
The Tuning criteria met requirements.

E. Additional Comments:
The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

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

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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

CASE NARRATIVE

Alliance Technical Group, LLC - Newark
Project Name: NJ Waste Water PT
Project # N/A
Chemtech Project # Q1870
Test Name: SVOCMS Group5

A. Number of Samples and Date of Receipt:
1 Water sample was received on 04/23/2025.
1 Water sample was received on 04/24/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOCMS Group2 and SVOCMS Group5. This data package contains results for SVOCMS Group5.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_N using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe analysis of SVOCMS Group5 was based on method 8270-Modified and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for,
38072-010925DL2 [2-Fluorobiphenyl - 0%,2-Methylnaphthalene-d10 - 0%, Fluoranthene-d10 - 0%, Nitrobenzene-d5 - 0%, Terphenyl-d14 - 0%],
The DMC recovery does not apply for those samples which have been diluted, Therefore no further corrective action was taken.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The Blank Spike met requirements for all samples.

The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.
The Tuning criteria met requirements.

Samples 38072-010925, 38072-010925DL were diluted due to high concentrations.

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

E. Additional Comments:

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

284 Sheffield Street, Mountainside NJ 07092 Tel.
908-789-8900 Fax: 908-789-8922

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 is 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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1870

	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: SOHIL JODHANI **Date:** 05/06/2025

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

LAB CHRONICLE

OrderID:	Q1870	**OrderDate:**	4/24/2025 11:31:00 AM
Client:	Alliance Technical Group, LLC - Newark	**Project:**	NJ Waste Water PT
Contact:	Mohammad Ahmed	**Location:**	QA Office

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1870-03	**38073-100124**	**Water**			**04/22/25**			**04/24/25**
			SVOCMS Group2	8270E		04/24/25	04/29/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q1870

Client: Alliance Technical Group, LLC - Newark

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**38073-100124**							
Q1870-03	38073-100124	WATER	2,4-Dimethylphenol	38.600		1.9	5	ug/L
			Total Svoc :		**38.60**			
			Total Concentration:		**38.60**			

SAMPLE DATA

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	04/22/25
Project:	NJ Waste Water PT	Date Received:	04/24/25
Client Sample ID:	38073-100124	SDG No.:	Q1870
Lab Sample ID:	Q1870-03	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050038.D	1	04/24/25 12:05	04/29/25 11:39	PB167729

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
105-67-9	2,4-Dimethylphenol	38.6		1.90	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	145		10 - 139	96%	SPK: 150
13127-88-3	Phenol-d6	149		10 - 134	100%	SPK: 150
118-79-6	2,4,6-Tribromophenol	154		44 - 137	103%	SPK: 150
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	245000	7.763			
1146-65-2	Naphthalene-d8	915000	10.557			
15067-26-2	Acenaphthene-d10	618000	14.41			
1517-22-2	Phenanthrene-d10	1210000	17.157			
1719-03-5	Chrysene-d12	1060000	21.403			
1520-96-3	Perylene-d12	1120000	24.403			

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

QC SUMMARY

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

Surrogate Summary

SW-846

SDG No.: Q1870

Client: Alliance Technical Group, LLC - Newark

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB167729BL	PB167729BL	2-Fluorophenol	150	134	89		10	139
		Phenol-d6	150	129	86		10	134
		2,4,6-Tribromophenol	150	126	84		44	137
PB167729BS	PB167729BS	2-Fluorophenol	150	133	89		10	139
		Phenol-d6	150	131	87		10	134
		2,4,6-Tribromophenol	150	133	89		44	137
Q1870-03	38073-100124	2-Fluorophenol	150	145	96		10	139
		Phenol-d6	150	149	100		10	134
		2,4,6-Tribromophenol	150	154	103		44	137

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1870

Client: Alliance Technical Group, LLC - Newark

Analytical Method: 8270E **DataFile:** BM050040.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167729BS	2,4-Dimethylphenol	50	43.5	ug/L	87				42	142	

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167729BL

Lab Name: CHEMTECH Contract: ALLI03

Lab Code: CHEM Case No.: Q1870 SAS No.: Q1870 SDG NO.: Q1870

Lab File ID: BM050036.D Lab Sample ID: PB167729BL

Instrument ID: BNA_M Date Extracted: 04/24/2025

Matrix: (soil/water) Water Date Analyzed: 04/29/2025

Level: (low/med) LOW Time Analyzed: 09:52

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167729BS	PB167729BS	BM050040.D	04/29/2025
38073-100124	Q1870-03	BM050038.D	04/29/2025

COMMENTS:

Form IV SV

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: ALLI03

Lab Code: CHEM SAS No.: Q1870 SDG NO.: Q1870

Lab File ID: BM050023.D DFTPP Injection Date: 04/28/2025

Instrument ID: BNA_M DFTPP Injection Time: 11:46

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	23.8
68	Less than 2.0% of mass 69	0.4 (1.3) 1
69	Mass 69 relative abundance	28.5
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	35.7
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	14.4 (19.3) 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
SSTDICC2.5	SSTDICC2.5	BM050024.D	04/28/2025	12:30
SSTDICC005	SSTDICC005	BM050025.D	04/28/2025	13:09
SSTDICC010	SSTDICC010	BM050026.D	04/28/2025	13:48
SSTDICC020	SSTDICC020	BM050027.D	04/28/2025	14:27
SSTDICCC040	SSTDICCC040	BM050028.D	04/28/2025	15:06
SSTDICC050	SSTDICC050	BM050029.D	04/28/2025	15:45
SSTDICC060	SSTDICC060	BM050030.D	04/28/2025	16:24
SSTDICC080	SSTDICC080	BM050031.D	04/28/2025	17:04

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: ALLI03

Lab Code: CHEM SAS No.: Q1870 SDG NO.: Q1870

Lab File ID: BM050034.D DFTPP Injection Date: 04/29/2025

Instrument ID: BNA_M DFTPP Injection Time: 08:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	23.3
68	Less than 2.0% of mass 69	0.4 (1.4) 1
69	Mass 69 relative abundance	28.2
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	35
197	Less than 2.0% of mass 198	0.2
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	26.2
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	14.5 (19.6) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM050035.D	04/29/2025	09:13
PB167729BL	PB167729BL	BM050036.D	04/29/2025	09:52
38073-100124	Q1870-03	BM050038.D	04/29/2025	11:39
PB167729BS	PB167729BS	BM050040.D	04/29/2025	12:58

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1870 SAS No.: Q1870 SDG NO.: Q1870

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/29/2025

Lab File ID: BM050035.D Time Analyzed: 09:13

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	251798	7.769	911122	10.56	601329	14.41
	UPPER LIMIT	503596	8.269	1822240	11.057	1202660	14.91
	LOWER LIMIT	125899	7.269	455561	10.057	300665	13.91
	EPA SAMPLE NO.						
01	PB167729BL	267473	7.77	926574	10.56	611197	14.41
02	38073-100124	245413	7.76	914618	10.56	618114	14.41
03	PB167729BS	269893	7.76	961152	10.56	608153	14.41

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.

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1870 SAS No.: Q1870 SDG NO.: Q1870

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/29/2025

Lab File ID: BM050035.D Time Analyzed: 09:13

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1168790	17.156	1131300	21.397	1083540	24.397
	UPPER LIMIT	2337580	17.656	2262600	21.897	2167080	24.897
	LOWER LIMIT	584395	16.656	565650	20.897	541770	23.897
	EPA SAMPLE NO.						
01	PB167729BL	1171850	17.16	971539	21.40	1012330	24.40
02	38073-100124	1211510	17.16	1057120	21.40	1117520	24.40
03	PB167729BS	1141690	17.16	1074280	21.40	1054030	24.40

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.

QC SAMPLE DATA

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	
Project:	NJ Waste Water PT	Date Received:	
Client Sample ID:	PB167729BL	SDG No.:	Q1870
Lab Sample ID:	PB167729BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050036.D	1	04/24/25 12:05	04/29/25 09:52	PB167729

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
105-67-9	2,4-Dimethylphenol	1.90	U	1.90	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	134		10 - 139	89%	SPK: 150
13127-88-3	Phenol-d6	129		10 - 134	86%	SPK: 150
118-79-6	2,4,6-Tribromophenol	126		44 - 137	84%	SPK: 150
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	267000	7.769			
1146-65-2	Naphthalene-d8	927000	10.563			
15067-26-2	Acenaphthene-d10	611000	14.41			
1517-22-2	Phenanthrene-d10	1170000	17.162			
1719-03-5	Chrysene-d12	972000	21.403			
1520-96-3	Perylene-d12	1010000	24.403			

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

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	
Project:	NJ Waste Water PT	Date Received:	
Client Sample ID:	PB167729BS	SDG No.:	Q1870
Lab Sample ID:	PB167729BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050040.D	1	04/24/25 12:05	04/29/25 12:58	PB167729

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
105-67-9	2,4-Dimethylphenol	43.5		1.90	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	133		10 - 139	89%	SPK: 150
13127-88-3	Phenol-d6	131		10 - 134	87%	SPK: 150
118-79-6	2,4,6-Tribromophenol	133		44 - 137	89%	SPK: 150
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	270000	7.763			
1146-65-2	Naphthalene-d8	961000	10.557			
15067-26-2	Acenaphthene-d10	608000	14.41			
1517-22-2	Phenanthrene-d10	1140000	17.156			
1719-03-5	Chrysene-d12	1070000	21.397			
1520-96-3	Perylene-d12	1050000	24.397			

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

Response Factor Report BNA_M

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 28 18:09:16 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BM050024.D 5 =BM050025.D 10 =BM050026.D 20 =BM050027.D 40 =BM050028.D 50 =BM050029.D 60 =BM050030.D 80 =BM0500
31.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.506	0.464	0.478	0.511	0.504	0.491	0.473	0.490	3.75
3)		Pyridine		1.201	1.166	1.229	1.331	1.328	1.292	1.261	1.258	5.03
4)		n-Nitrosodimet...		0.487	0.459	0.475	0.522	0.518	0.504	0.490	0.493	4.62
5)	S	2-Fluorophenol		1.074	1.079	1.107	1.208	1.211	1.173	1.142	1.142	5.04
6)		Aniline		1.657	1.689	1.768	1.942	1.922	1.875	1.835	1.813	6.16
7)	S	Phenol-d6		1.290	1.318	1.398	1.543	1.537	1.494	1.469	1.436	7.13
8)		2-Chlorophenol		1.169	1.161	1.198	1.312	1.301	1.268	1.235	1.235	4.96
9)		Benzaldehyde		0.940	0.920	0.971	1.031	1.013	0.956	0.894	0.961	5.08
10)	C	Phenol		1.349	1.344	1.420	1.539	1.537	1.501	1.483	1.453	5.73
11)		bis(2-Chloroet...		1.213	1.105	1.176	1.279	1.271	1.233	1.218	1.213	4.90
12)		1,3-Dichlorobe...		1.483	1.428	1.453	1.566	1.552	1.508	1.453	1.492	3.51
13)	C	1,4-Dichlorobe...		1.518	1.418	1.463	1.561	1.557	1.516	1.458	1.499	3.60
14)		1,2-Dichlorobe...		1.420	1.393	1.423	1.522	1.506	1.464	1.405	1.448	3.50
15)		Benzyl Alcohol		0.866	0.881	0.966	1.080	1.074	1.050	1.050	0.996	9.16
16)		2,2'-oxybis(1-...		1.487	1.422	1.445	1.552	1.513	1.473	1.433	1.475	3.17
17)		2-Methylphenol		0.857	0.893	0.931	1.033	1.026	0.988	0.975	0.957	6.96
18)		Hexachloroethane		0.552	0.508	0.521	0.556	0.548	0.533	0.510	0.533	3.79
19)	P	n-Nitroso-di-n...	0.802	0.889	0.885	0.921	1.003	0.988	0.949	0.928	0.921	6.95
20)		3+4-Methylphenols		1.137	1.170	1.267	1.393	1.392	1.349	1.341	1.293	8.09
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.483	0.464	0.485	0.531	0.525	0.506	0.487	0.497	4.94
23)	S	Nitrobenzene-d5		0.386	0.374	0.397	0.434	0.433	0.417	0.400	0.406	5.68
24)		Nitrobenzene		0.337	0.325	0.345	0.374	0.372	0.358	0.346	0.351	5.16
25)		Isophorone		0.666	0.648	0.680	0.729	0.729	0.704	0.687	0.692	4.44
26)	C	2-Nitrophenol		0.148	0.157	0.172	0.196	0.198	0.192	0.191	0.179	11.33
27)		2,4-Dimethylph...		0.263	0.266	0.289	0.324	0.322	0.312	0.305	0.297	8.42
28)		bis(2-Chloroet...		0.407	0.399	0.422	0.455	0.452	0.434	0.425	0.428	4.92
29)	C	2,4-Dichloroph...		0.294	0.298	0.326	0.362	0.359	0.351	0.342	0.333	8.47
30)		1,2,4-Trichlor...		0.400	0.384	0.394	0.427	0.426	0.412	0.399	0.406	4.02
31)		Naphthalene		1.001	0.959	0.993	1.066	1.057	1.023	0.989	1.013	3.80
32)		Benzoic acid			0.138	0.172	0.197	0.206	0.212	0.215	0.190	15.67
33)		4-Chloroaniline		0.361	0.393	0.404	0.441	0.448	0.437	0.423	0.415	7.51
34)	C	Hexachlorobuta...		0.253	0.240	0.249	0.270	0.270	0.263	0.258	0.258	4.34
35)		Caprolactam		0.090	0.085	0.095	0.104	0.104	0.102	0.100	0.097	7.73
36)	C	4-Chloro-3-met...		0.289	0.283	0.302	0.325	0.329	0.317	0.309	0.308	5.72
37)		2-Methylnaphth...		0.656	0.639	0.662	0.713	0.714	0.692	0.678	0.679	4.22
38)		1-Methylnaphth...		0.703	0.675	0.708	0.753	0.751	0.731	0.710	0.719	3.92

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM042825.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.624	0.622	0.655	0.742	0.745	0.725	0.733	0.692	8.17
41)	P	Hexachlorocycl...		0.303	0.362	0.455	0.468	0.467	0.483	0.423	17.30
42)	S	2,4,6-Tribromo...	0.253	0.249	0.281	0.318	0.329	0.318	0.323	0.296	11.61
43)	C	2,4,6-Trichlor...	0.372	0.381	0.423	0.476	0.485	0.467	0.469	0.439	10.76
44)		2,4,5-Trichlor...	0.410	0.417	0.453	0.517	0.519	0.501	0.497	0.474	9.83
45)	S	2-Fluorobiphenyl	1.588	1.555	1.632	1.807	1.822	1.744	1.688	1.691	6.21
46)		1,1'-Biphenyl	1.427	1.395	1.452	1.573	1.581	1.507	1.473	1.487	4.77
47)		2-Chloronaphth...	1.126	1.112	1.155	1.250	1.248	1.192	1.158	1.177	4.69
48)		2-Nitroaniline	0.238	0.242	0.269	0.302	0.304	0.294	0.286	0.276	9.96
49)		Acenaphthylene	1.794	1.715	1.810	1.972	1.971	1.889	1.845	1.857	5.10
50)		Dimethylphthalate	1.444	1.377	1.437	1.532	1.543	1.470	1.429	1.462	4.02
51)		2,6-Dinitrotol...	0.266	0.271	0.299	0.327	0.331	0.316	0.309	0.303	8.50
52)	C	Acenaphthene	1.038	0.998	1.046	1.133	1.145	1.094	1.067	1.075	4.93
53)		3-Nitroaniline	0.233	0.247	0.284	0.321	0.325	0.311	0.302	0.289	12.47
54)	P	2,4-Dinitrophenol		0.100	0.132	0.178	0.194	0.188	0.191	0.164	23.65
55)		Dibenzofuran	1.749	1.681	1.749	1.876	1.888	1.810	1.763	1.788	4.17
56)	P	4-Nitrophenol		0.128	0.180	0.224	0.237	0.231	0.231	0.205	20.96
57)		2,4-Dinitrotol...	0.338	0.366	0.412	0.456	0.468	0.447	0.440	0.418	11.72
58)		Fluorene	1.387	1.343	1.431	1.558	1.573	1.500	1.453	1.463	5.84
59)		2,3,4,6-Tetrac...	0.366	0.362	0.398	0.435	0.445	0.432	0.431	0.410	8.44
60)		Diethylphthalate	1.372	1.301	1.380	1.433	1.451	1.376	1.328	1.377	3.86
61)		4-Chlorophenyl...	0.741	0.716	0.770	0.857	0.871	0.836	0.836	0.804	7.58
62)		4-Nitroaniline	0.208	0.234	0.277	0.313	0.321	0.301	0.295	0.279	15.17
63)		Azobenzene	1.118	1.091	1.150	1.216	1.229	1.165	1.110	1.154	4.59
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.088	0.110	0.135	0.142	0.138	0.137	0.125	17.16
66)	c	n-Nitrosodiphe...	0.580	0.572	0.596	0.655	0.657	0.629	0.610	0.614	5.56
67)		4-Bromophenyl-...	0.223	0.216	0.229	0.258	0.258	0.256	0.253	0.242	7.60
68)		Hexachlorobenzene	0.265	0.251	0.264	0.294	0.295	0.291	0.291	0.279	6.49
69)		Atrazine	0.196	0.198	0.214	0.236	0.242	0.234	0.230	0.222	8.47
70)	C	Pentachlorophenol		0.117	0.141	0.167	0.172	0.170	0.174	0.157	14.52
71)		Phenanthrene	1.075	1.035	1.083	1.187	1.212	1.173	1.132	1.128	5.84
72)		Anthracene	1.062	1.038	1.096	1.214	1.236	1.191	1.154	1.142	6.78
73)		Carbazole	0.909	0.900	0.960	1.054	1.075	1.038	0.999	0.991	7.05
74)		Di-n-butylphth...	1.106	1.082	1.151	1.246	1.277	1.231	1.165	1.180	6.25
75)	C	Fluoranthene	1.178	1.142	1.250	1.410	1.455	1.425	1.411	1.324	9.86
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.560	0.646	0.772	0.769	0.765	0.751	0.710	12.36
78)		Pyrene	1.290	1.255	1.332	1.518	1.520	1.465	1.453	1.404	7.83
79)	S	Terphenyl-d14	1.176	1.189	1.332	1.524	1.541	1.458	1.239	1.352	11.58
80)		Butylbenzylpht...	0.489	0.479	0.515	0.562	0.568	0.545	0.524	0.526	6.53
81)		Benzo(a)anthra...	1.280	1.231	1.321	1.478	1.479	1.442	1.408	1.377	7.24
82)		3,3'-Dichlorob...	0.434	0.432	0.483	0.580	0.597	0.583	0.581	0.527	14.14
83)		Chrysene	1.208	1.170	1.214	1.342	1.369	1.325	1.296	1.275	6.03
84)		Bis(2-ethylhex...	0.726	0.725	0.775	0.843	0.852	0.814	0.765	0.786	6.61
85)	c	Di-n-octyl pht...	1.221	1.197	1.267	1.366	1.404	1.341	1.275	1.296	5.92

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM042825.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.301	1.293	1.404	1.602	1.646	1.591	1.595	1.490	10.27
88)		Benzo(b)fluora...	1.128	1.149	1.209	1.406	1.415	1.408	1.390	1.301	10.16
89)		Benzo(k)fluora...	1.219	1.150	1.251	1.387	1.449	1.383	1.372	1.316	8.29
90)	C	Benzo(a)pyrene	1.094	1.066	1.147	1.295	1.330	1.298	1.297	1.218	9.15
91)		Dibenzo(a,h)an...	1.056	1.044	1.142	1.300	1.347	1.305	1.310	1.215	10.72
92)		Benzo(g,h,i)pe...	1.066	1.030	1.105	1.236	1.268	1.224	1.212	1.163	8.07

(#) = Out of Range

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ALLI03

Lab Code: CHEM Case No.: Q1870 SAS No.: Q1870 SDG No.: Q1870

Instrument ID: BNA_M Calibration Date/Time: 04/29/2025 09:13

Lab File ID: BM050035.D Init. Calib. Date(s): 04/28/2025 04/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:30 17:04

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.142	1.236		8.2	
Phenol-d6	1.436	1.548		7.8	
Nitrobenzene-d5	0.406	0.443		9.1	
2,4-Dimethylphenol	0.297	0.320		7.7	
2-Fluorobiphenyl	1.691	1.844		9.0	
2,4,6-Tribromophenol	0.296	0.317		7.1	
Terphenyl-d14	1.352	1.558		15.2	

All other compounds must meet a minimum RRF of 0.010.

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

LAB CHRONICLE

OrderID:	Q1870	**OrderDate:**	4/24/2025 11:31:00 AM
Client:	Alliance Technical Group, LLC - Newark	**Project:**	NJ Waste Water PT
Contact:	Mohammad Ahmed	**Location:**	QA Office

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1870-01	**38072-010925**	**Water**			**04/21/25**			**04/23/25**
			SVOCMS Group5	8270-Modified		04/24/25	04/29/25	
Q1870-01DL	**38072-010925DL**	**Water**			**04/21/25**			**04/23/25**
			SVOCMS Group5	8270-Modified		04/24/25	04/29/25	
Q1870-01DL2	**38072-010925DL2**	**Water**			**04/21/25**			**04/23/25**
			SVOCMS Group5	8270-Modified		04/24/25	04/29/25	
Q1870-03	**38073-100124**	**Water**			**04/22/25**			**04/24/25**
			SVOCMS Group2	8270E		04/24/25	04/29/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q1870

Client: Alliance Technical Group, LLC - Newark

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : 38072-010925								
Q1870-01	38072-010925	WATER	Acenaphthylene	240.000	E	0.04	0.1	ug/L
			Total Svoc :	**240.00**				
			Total Concentration:	**240.00**				
Client ID : 38072-010925DL								
Q1870-01DL	38072-010925DL	WATER	Acenaphthylene	240.000	ED	0.19	0.5	ug/L
			Total Svoc :	**240.00**				
			Total Concentration:	**240.00**				
Client ID : 38072-010925DL2								
Q1870-01DL2	38072-010925DL2	WATER	Acenaphthylene	230.000	D	1.9	5	ug/L
			Total Svoc :	**230.00**				
			Total Concentration:	**230.00**				

SAMPLE DATA

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	04/21/25
Project:	NJ Waste Water PT	Date Received:	04/23/25
Client Sample ID:	38072-010925	SDG No.:	Q1870
Lab Sample ID:	Q1870-01	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN036936.D	1	04/24/25 12:05	04/29/25 13:05	PB167728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
208-96-8	Acenaphthylene	240	E	0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.42		20 - 139	105%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.46		30 - 150	115%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.42		27 - 154	104%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.41		25 - 149	103%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.37		54 - 175	93%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1930	7.633			
1146-65-2	Naphthalene-d8	5450	10.415			
15067-26-2	Acenaphthene-d10	3190	14.277			
1517-22-2	Phenanthrene-d10	6290	17.021			
1719-03-5	Chrysene-d12	6090	21.225			
1520-96-3	Perylene-d12	4540	23.427			

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

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	04/21/25
Project:	NJ Waste Water PT	Date Received:	04/23/25
Client Sample ID:	38072-010925DL	SDG No.:	Q1870
Lab Sample ID:	Q1870-01DL	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN036937.D	5	04/24/25 12:05	04/29/25 13:41	PB167728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
208-96-8	Acenaphthylene	240	ED	0.19	0.50	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.42		20 - 139	104%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.44		30 - 150	110%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.42		27 - 154	105%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.41		25 - 149	101%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.35		54 - 175	88%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2660	7.633			
1146-65-2	Naphthalene-d8	7270	10.404			
15067-26-2	Acenaphthene-d10	4170	14.277			
1517-22-2	Phenanthrene-d10	8000	17.021			
1719-03-5	Chrysene-d12	7790	21.216			
1520-96-3	Perylene-d12	5960	23.427			

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

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	04/21/25
Project:	NJ Waste Water PT	Date Received:	04/23/25
Client Sample ID:	38072-010925DL2	SDG No.:	Q1870
Lab Sample ID:	Q1870-01DL2	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN036938.D	50	04/24/25 12:05	04/29/25 14:17	PB167728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
208-96-8	Acenaphthylene	230	D	1.90	5.00	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0	*	20 - 139	0%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0	*	30 - 150	0%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0	*	27 - 154	0%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0	*	25 - 149	0%	SPK: 0.4
1718-51-0	Terphenyl-d14	0	*	54 - 175	0%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2430	7.633			
1146-65-2	Naphthalene-d8	6300	10.415			
15067-26-2	Acenaphthene-d10	3590	14.277			
1517-22-2	Phenanthrene-d10	7140	17.021			
1719-03-5	Chrysene-d12	6700	21.215			
1520-96-3	Perylene-d12	5500	23.43			

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

QC SUMMARY

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

Surrogate Summary

SW-846

SDG No.: Q1870

Client: Alliance Technical Group, LLC - Newark

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB167728BL	PB167728BL	2-Methylnaphthalene-d10	0.4	0.32	81		20	139
		Fluoranthene-d10	0.4	0.36	90		30	150
		Nitrobenzene-d5	0.4	0.33	82		27	154
		2-Fluorobiphenyl	0.4	0.35	88		25	149
		Terphenyl-d14	0.4	0.37	91		54	175
PB167728BS	PB167728BS	2-Methylnaphthalene-d10	0.4	0.37	93		20	139
		Fluoranthene-d10	0.4	0.33	82		30	150
		Nitrobenzene-d5	0.4	0.35	87		27	154
		2-Fluorobiphenyl	0.4	0.37	92		25	149
		Terphenyl-d14	0.4	0.36	89		54	175
Q1870-01	38072-010925	2-Methylnaphthalene-d10	0.4	0.42	105		20	139
		Fluoranthene-d10	0.4	0.46	115		30	150
		Nitrobenzene-d5	0.4	0.42	104		27	154
		2-Fluorobiphenyl	0.4	0.41	103		25	149
		Terphenyl-d14	0.4	0.37	93		54	175
Q1870-01DL	38072-010925DL	2-Methylnaphthalene-d10	0.4	0.42	104		20	139
		Fluoranthene-d10	0.4	0.44	110		30	150
		Nitrobenzene-d5	0.4	0.42	105		27	154
		2-Fluorobiphenyl	0.4	0.41	101		25	149
		Terphenyl-d14	0.4	0.35	88		54	175
Q1870-01DL2	38072-010925DL2	2-Methylnaphthalene-d10	0.4	0	0	*	20	139
		Fluoranthene-d10	0.4	0	0	*	30	150
		Nitrobenzene-d5	0.4	0	0	*	27	154
		2-Fluorobiphenyl	0.4	0	0	*	25	149
		Terphenyl-d14	0.4	0	0	*	54	175

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1870

Client: Alliance Technical Group, LLC - Newark

Analytical Method: 8270-Modified **DataFile:** BN036939.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167728BS	Acenaphthylene	0.4	0.37	ug/L	93				60	119	

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167728BL

Lab Name: CHEMTECH Contract: ALLI03

Lab Code: CHEM Case No.: Q1870 SAS No.: Q1870 SDG NO.: Q1870

Lab File ID: BN036934.D Lab Sample ID: PB167728BL

Instrument ID: BNA_N Date Extracted: 04/24/2025

Matrix: (soil/water) Water Date Analyzed: 04/29/2025

Level: (low/med) LOW Time Analyzed: 09:53

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167728BS	PB167728BS	BN036939.D	04/29/2025
38072-010925	Q1870-01	BN036936.D	04/29/2025

COMMENTS:

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: ALLI03

Lab Code: CHEM SAS No.: Q1870 SDG NO.: Q1870

Lab File ID: BN036922.D DFTPP Injection Date: 04/28/2025

Instrument ID: BNA_N DFTPP Injection Time: 10:56

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	67.4
68	Less than 2.0% of mass 69	0.8 (1.4) 1
69	Mass 69 relative abundance	58.8
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	54.3
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	6.7
275	10.0 - 60.0% of mass 198	23.7
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	8.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	9.3 (19.4) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC0.1	SSTDICC0.1	BN036923.D	04/28/2025	11:35
SSTDICC0.2	SSTDICC0.2	BN036924.D	04/28/2025	12:11
SSTDICCC0.4	SSTDICCC0.4	BN036925.D	04/28/2025	12:47
SSTDICC0.8	SSTDICC0.8	BN036926.D	04/28/2025	13:24
SSTDICC1.6	SSTDICC1.6	BN036927.D	04/28/2025	14:00
SSTDICC3.2	SSTDICC3.2	BN036928.D	04/28/2025	14:36
SSTDICC5.0	SSTDICC5.0	BN036929.D	04/28/2025	15:12

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: ALLI03

Lab Code: CHEM SAS No.: Q1870 SDG NO.: Q1870

Lab File ID: BN036932.D DFTPP Injection Date: 04/29/2025

Instrument ID: BNA_N DFTPP Injection Time: 08:38

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	70.2
68	Less than 2.0% of mass 69	0.8 (1.3) 1
69	Mass 69 relative abundance	59.7
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	54.5
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
275	10.0 - 60.0% of mass 198	23.1
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	7.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	9.9 (21.2) 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
SSTDCCC0.4	SSTDCCC0.4	BN036933.D	04/29/2025	09:17
PB167728BL	PB167728BL	BN036934.D	04/29/2025	09:53
38072-010925	Q1870-01	BN036936.D	04/29/2025	13:05
38072-010925DL	Q1870-01DL	BN036937.D	04/29/2025	13:41
38072-010925DL2	Q1870-01DL2	BN036938.D	04/29/2025	14:17
PB167728BS	PB167728BS	BN036939.D	04/29/2025	14:54

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1870 SAS No.: Q1870 SDG NO.: Q1870

EPA Sample No.: SSTDCCC0.4 Date Analyzed: 04/29/2025

Lab File ID: BN036933.D Time Analyzed: 09:17

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	2604	7.633	6625	10.40	3573	14.28
	UPPER LIMIT	5208	8.133	13250	10.904	7146	14.777
	LOWER LIMIT	1302	7.133	3312.5	9.904	1786.5	13.777
	EPA SAMPLE NO.						
01	PB167728BL	2379	7.63	5573	10.42	2873	14.28
02	38072-010925	1925	7.63	5445	10.42	3190	14.28
03	38072-010925DL	2660	7.63	7273	10.40	4170	14.28
04	PB167728BS	2630	7.63	6464	10.42	3313	14.28
05	38072-010925DL2	2432	7.63	6295	10.42	3589	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.

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1870 SAS No.: Q1870 SDG NO.: Q1870

EPA Sample No.: SSTDCCC0.4 Date Analyzed: 04/29/2025

Lab File ID: BN036933.D Time Analyzed: 09:17

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	6894	17.021	5083	21.216	4284	23.427
	UPPER LIMIT	13788	17.521	10166	21.716	8568	23.927
	LOWER LIMIT	3447	16.521	2541.5	20.716	2142	22.927
	EPA SAMPLE NO.						
01	PB167728BL	5718	17.02	4280	21.22	3789	23.42
02	38072-010925	6294	17.02	6093	21.23	4542	23.43
03	38072-010925DL	7996	17.02	7787	21.22	5957	23.43
04	PB167728BS	6630	17.02	4615	21.22	3648	23.43
05	38072-010925DL2	7137	17.02	6695	21.22	5501	23.43

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.

QC SAMPLE DATA

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	
Project:	NJ Waste Water PT	Date Received:	
Client Sample ID:	PB167728BL	SDG No.:	Q1870
Lab Sample ID:	PB167728BL	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN036934.D	1	04/24/25 12:05	04/29/25 09:53	PB167728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
208-96-8	Acenaphthylene	0.040	U	0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.32		20 - 139	81%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.36		30 - 150	90%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.33		27 - 154	82%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.35		25 - 149	88%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.37		54 - 175	91%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2380	7.633			
1146-65-2	Naphthalene-d8	5570	10.415			
15067-26-2	Acenaphthene-d10	2870	14.277			
1517-22-2	Phenanthrene-d10	5720	17.021			
1719-03-5	Chrysene-d12	4280	21.215			
1520-96-3	Perylene-d12	3790	23.424			

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

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	
Project:	NJ Waste Water PT	Date Received:	
Client Sample ID:	PB167728BS	SDG No.:	Q1870
Lab Sample ID:	PB167728BS	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN036939.D	1	04/24/25 12:05	04/29/25 14:54	PB167728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
208-96-8	Acenaphthylene	0.37		0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.37		20 - 139	93%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.33		30 - 150	82%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.35		27 - 154	87%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.37		25 - 149	92%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.36		54 - 175	89%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2630	7.633			
1146-65-2	Naphthalene-d8	6460	10.415			
15067-26-2	Acenaphthene-d10	3310	14.277			
1517-22-2	Phenanthrene-d10	6630	17.021			
1719-03-5	Chrysene-d12	4620	21.215			
1520-96-3	Perylene-d12	3650	23.427			

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

Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 28 15:35:03 2025
Response Via : Initial Calibration

Calibration Files
0.1 =BN036923.D 0.2 =BN036924.D 0.4 =BN036925.D 0.8 =BN036926.D 1.6 =BN036927.D 3.2 =BN036928.D 5.0 =BN036929.D

		Compound	0.1	0.2	0.4	0.8	1.6	3.2	5.0	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane	0.452	0.489	0.551	0.506	0.537	0.489	0.465	0.498	7.23
3)		n-Nitrosodimet...	0.903	0.998	1.010	0.957	1.034	0.952	0.918	0.967	5.01
4)	S	2-Fluorophenol	1.050	1.056	1.118	0.946	1.040	0.982	0.970	1.023	5.86
5)	S	Phenol-d6	1.270	1.237	1.337	1.151	1.294	1.255	1.272	1.259	4.57
6)		bis(2-Chloroet...	1.174	1.123	1.170	1.139	1.240	1.162	1.162	1.167	3.17
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.400	0.401	0.411	0.404	0.446	0.432	0.436	0.418	4.52
9)		Naphthalene	1.155	1.147	1.155	1.132	1.225	1.170	1.165	1.164	2.56
10)		Hexachlorobuta...	0.260	0.250	0.253	0.249	0.262	0.248	0.240	0.252	2.99
11)	SURR	2-Methylnaphth...	0.540	0.532	0.541	0.543	0.596	0.575	0.589	0.559	4.75
12)		2-Methylnaphth...	0.716	0.713	0.719	0.735	0.804	0.782	0.798	0.753	5.41
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.156	0.173	0.177	0.175	0.187	0.184	0.196	0.178	7.18
15)	S	2-Fluorobiphenyl	1.877	1.975	2.055	1.690	2.023	1.986	1.928	1.933	6.32
16)		Acenaphthylene	1.876	1.850	1.907	1.884	2.067	2.035	2.066	1.955	4.93
17)		Acenaphthene	1.264	1.270	1.275	1.248	1.333	1.295	1.305	1.284	2.22
18)		Fluorene	1.604	1.612	1.624	1.658	1.788	1.720	1.752	1.680	4.39
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...		0.083	0.090	0.096	0.113	0.120	0.134	0.106	18.55
21)		4-Bromophenyl-...	0.260	0.263	0.262	0.260	0.282	0.272	0.270	0.267	3.11
22)		Hexachlorobenzene	0.301	0.289	0.300	0.280	0.303	0.293	0.282	0.293	3.18
23)		Atrazine	0.193	0.198	0.199	0.217	0.227	0.226	0.248	0.215	9.20
24)		Pentachlorophenol	0.160	0.136	0.144	0.145	0.163	0.168	0.181	0.157	10.06
25)		Phenanthrene	1.309	1.274	1.299	1.280	1.387	1.346	1.347	1.320	3.13
26)		Anthracene	1.131	1.108	1.147	1.138	1.275	1.261	1.299	1.194	6.74
27)	SURR	Fluoranthene-d10	0.993	1.004	0.991	1.016	1.087	1.053	1.115	1.037	4.74
28)		Fluoranthene	1.387	1.380	1.399	1.471	1.578	1.530	1.613	1.480	6.46
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.919	1.942	1.958	1.802	2.073	1.969	1.823	1.927	4.77
31)	S	Terphenyl-d14	0.974	0.942	0.946	0.893	1.005	0.952	0.897	0.944	4.22
32)		Benzo(a)anthra...	1.402	1.407	1.429	1.422	1.583	1.509	1.561	1.473	5.19
33)		Chrysene	1.517	1.576	1.637	1.582	1.700	1.572	1.536	1.589	3.91
34)		Bis(2-ethylhex...	0.949	0.847	0.834	0.784	0.804	0.782	0.866	0.838	6.96
35)	I	Perylene-d12	----------ISTD----------								

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN042825.M

36)		Indeno(1,2,3-c...	1.595	1.571	1.712	1.503	1.720	1.724	1.609	1.634	5.29
37)		Benzo(b)fluora...	1.580	1.552	1.634	1.628	1.796	1.758	1.825	1.682	6.50
38)		Benzo(k)fluora...	1.601	1.569	1.648	1.641	1.812	1.784	1.785	1.691	5.89
39)	C	Benzo(a)pyrene	1.315	1.301	1.361	1.315	1.463	1.447	1.477	1.383	5.57
40)		Dibenzo(a,h)an...	1.229	1.241	1.349	1.176	1.357	1.379	1.268	1.286	5.96
41)		Benzo(g,h,i)pe...	1.459	1.405	1.515	1.305	1.495	1.470	1.339	1.427	5.61

(#) = Out of Range

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ALLI03

Lab Code: CHEM Case No.: Q1870 SAS No.: Q1870 SDG No.: Q1870

Instrument ID: BNA_N Calibration Date/Time: 04/29/2025 09:17

Lab File ID: BN036933.D Init. Calib. Date(s): 04/28/2025 04/28/2025

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 11:35 15:12

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.559	0.542		-3.0	20.0
Fluoranthene-d10	1.037	0.998		-3.8	20.0
2-Fluorophenol	1.023	1.058		3.4	20.0
Phenol-d6	1.259	1.302		3.4	20.0
Nitrobenzene-d5	0.418	0.407		-2.6	20.0
2-Fluorobiphenyl	1.933	1.953		1.0	20.0
Acenaphthylene	1.955	1.903		-2.7	20.0
2,4,6-Tribromophenol	0.178	0.172		-3.4	20.0
Terphenyl-d14	0.944	0.951		0.7	20.0

All other compounds must meet a minimum RRF of 0.010.

SHIPPING DOCUMENTS

800-368-1131 · AbsoluteStandards.com

Packing Slip

SHIP TO:
Attn: **Sohil Jodhani**
Alliance Technical Group NJ
284 Sheffield St.

Mountainside, NJ 07092 -

Purchase Order # .
Packing Order #: 246634

Rereived by: SJ
4/23/25
12:00

Order #: **246634**
Order Date: 4/21/2025
Order Time: 9:46:18 AM
Your Account #: **3552**
Sales Person: Chris Dippold
Inspected By: Chris Dippold

PART #	LOT #	DESCRIPTION	Unit Size	QTY
		Quick Turn Around		
38072	010925	PT Semi-Volatiles in Non-Potable Water - CLP - FEDEX# 2356-9742-4	2 mL	1

Ship Via: Ground Collect

THIS IS NOT AN INVOICE, TERMS: NET 30 DAYS, FOB HAMDEN, CT

800-368-1131 • AbsoluteStandards.com

Packing Slip

SHIP TO:
Attn: **Sohil Jodhani**
Alliance Technical Group NJ
284 Sheffield St.

Mountainside, NJ 07092 -

Received by: SJ
4/24/25
12:00

Order #: **246699**
Order Date: 4/22/2025
Order Time: 2:38:14 PM
Your Account #: **3552**
Sales Person: **Chris Dippold**
Inspected By: **Chris Dippold**

Purchase Order # **PO2-2004**
Packing Order #: 246699

PART #	LOT #	DESCRIPTION	Unit Size	QTY
		Quick Turn Around		
38073	100124	PT Semi-Volatiles in Non-Potable Water - CLP - FEDEX# 2356-9742-4	2 mL	1

Ship Via: Ground Collect

THIS IS NOT AN INVOICE, TERMS: NET 30 DAYS, FOB HAMDEN, CT

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