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

DATA PACKAGE

GENERAL CHEMISTRY
METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : CON ED NON MGP – ATLANTIC AVE 453957.600024.05

PARSONS ENGINEERING OF NEW YORK, INC.

301 Plainfield Road

Suite 350

Syracuse, NY - 13212

Phone No: 315-451-9560

ORDER ID : Q2267

ATTENTION : Stephen Liberatore

Laboratory Certification ID # 20012

Table Of Contents for Q2267

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Cover Page

Order ID : Q2267

Project ID : Con Ed Non MGP – Atlantic Ave 453957.600024.05

Client : PARSONS Engineering of New York, Inc.

Lab Sample Number	Client Sample Number
Q2267-01	WC-20250605

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: 6/17/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

PARSONS Engineering of New York, Inc.
Project Name: Con Ed Non MGP – Atlantic Ave 453957.600024.05
Project # N/A
Order ID # Q2267
Test Name: TCLP VOA

A. Number of Samples and Date of Receipt:
1 Water sample was received on 06/06/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Flash Point, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP VOA and TCLP ZHE Extraction. This data package contains results for TCLP VOA.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UIThe analysis of TCLP VOA was based on method 8260D and TCLP extraction method was 1311.

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 RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank Spike Duplicate 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 File ID VX046657.D met the requirements except for 2-Butanone,Vinyl Chloride and 1,2-Dichloroethane-d4 . But associated samples have not positive hit therefore no corrective action was taken.
The Tuning criteria met requirements.

E. Additional Comments:
Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.
Trip Blank was not provided with this set of samples.

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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_____

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CASE NARRATIVE

PARSONS Engineering of New York, Inc.
Project Name: Con Ed Non MGP – Atlantic Ave 453957.600024.05
Project # N/A
Order ID # Q2267
Test Name: TCLP BNA

A. Number of Samples and Date of Receipt:
1 Water sample was received on 06/06/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Flash Point, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP VOA and TCLP ZHE Extraction. This data package contains results for TCLP BNA.

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 TCLP BNA was based on method 8270E and extraction was done based on method 3510 and TCLP extraction method was 1311.

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 except for WC-20250605,failure Internal Standard is not associated with the client list, as per criteria affected Internal Standard were passing, therefore nocorrective action was taken.

The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds .
The MSD recoveries met the acceptable requirements .
The RPD met criteria .
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.

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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_____

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CASE NARRATIVE

PARSONS Engineering of New York, Inc.
Project Name: Con Ed Non MGP – Atlantic Ave 453957.600024.05
Project # N/A
Order ID # Q2267
Test Name: PCB

A. Number of Samples and Date of Receipt:
1 Water sample was received on 06/06/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Flash Point, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP VOA and TCLP ZHE Extraction. This data package contains results for PCB.

C. Analytical Techniques:
The analyses were performed on instrument GCECD_O. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analysis of PCBs was based on method 8082A 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 Retention Times were acceptable for all samples.
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank Spike Duplicate 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 File ID PO111569.D met the requirements except for Aroclor-1260(Peak-02),Aroclor-1260(Peak-03) is failing in 1st column, however it is passed in 2nd column therefore no corrective action was taken.

The Continuous Calibration File ID PO111580.D met the requirements except for Aroclor-1260(Peak-02),Aroclor-1260(Peak-03) is failing in 1st column, however it is passed in 2nd column therefore no corrective action was taken.

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E. Additional Comments:

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_____

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CASE NARRATIVE

PARSONS Engineering of New York, Inc.
Project Name: Con Ed Non MGP – Atlantic Ave 453957.600024.05
Project # N/A
Order ID # Q2267
Test Name: TCLP ICP Metals,TCLP Mercury

A. Number of Samples and Date of Receipt:
1 Water sample was received on 06/06/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Flash Point, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP VOA and TCLP ZHE Extraction. This data package contains results for TCLP ICP Metals,TCLP Mercury.

C. Analytical Techniques:
The analysis of TCLP ICP Metals was based on method 6010D, digestion based on method 3010 (waters). The analysis and digestion of TCLP Mercury was based on method 7470A and TCLP extraction method was 1311.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike (HAM-CONCRETEMS) analysis met criteria for all samples except for Mercury due to matrix interference.
The Matrix Spike Duplicate (HAM-CONCRETEMSD) analysis met criteria for all samples except for Mercury due to matrix interference.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met the acceptable requirements.

E. Additional Comments:

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_____

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CASE NARRATIVE

PARSONS Engineering of New York, Inc.
Project Name: Con Ed Non MGP – Atlantic Ave 453957.600024.05
Project # N/A
Order ID # Q2267
Test Name: Flash Point,pH,Reactive Cyanide,Reactive Sulfide

A. Number of Samples and Date of Receipt:
1 Water sample was received on 06/06/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Flash Point, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP VOA and TCLP ZHE Extraction. This data package contains results for Flash Point,pH,Reactive Cyanide,Reactive Sulfide.

C. Analytical Techniques:
The analysis of Flash Point was based on method 1010B, The analysis of Reactive Cyanide was based on method 9012B, The analysis of Reactive Sulfide was based on method 9034 and The analysis of pH was based on method 9040C.

D. QA/ QC Samples:
The Holding Times were met for all samples except for WC-20250605 of pH as sample was receive out of holding time.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.

E. Additional Comments:

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_____

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DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Results Qualifiers" are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers **"P"** for ICP instrument **"PM"** for ICP when Microwave Digestion is used **"CV"** for Manual Cold Vapor AA **"AV"** for automated Cold Vapor AA **"CA"** for MIDI-Distillation Spectrophotometric **"AS"** for Semi –Automated Spectrophotometric **"C"** for Manual Spectrophotometric **"T"** for Titrimetric **"NR"** for analyte not required to be analyzed
OR	Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

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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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2267

	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:** 06/17/2025

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LAB CHRONICLE

OrderID:	Q2267	**OrderDate:**	6/6/2025 2:17:00 PM
Client:	PARSONS Engineering of New York, Inc.	**Project:**	Con Ed Non MGP – Atlantic Ave 453957.600024.05
Contact:	Stephen Liberatore	**Location:**	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2267-01	**WC-20250605**	**TCLP**			**06/05/25**			**06/06/25**
			TCLP VOA	8260D			06/12/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2267

Client: PARSONS Engineering of New York, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**WC-20250605**							
Q2267-01	WC-20250605	TCLP	Chloroform	4.20	J	0.25	5.00	ug/L
			Total Voc :	4.20				
			Total Concentration:	4.20				

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	WC-20250605	SDG No.:	Q2267
Lab Sample ID:	Q2267-01	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046669.D	1		06/12/25 17:17	VX061225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
67-66-3	Chloroform	4.20	J	0.25	5.00	ug/L
71-43-2	Benzene	0.15	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.7		74 - 125	97%	SPK: 50
1868-53-7	Dibromofluoromethane	53.9		75 - 124	108%	SPK: 50
2037-26-5	Toluene-d8	50.1		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.5		77 - 121	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	69400	5.574			
540-36-3	1,4-Difluorobenzene	122000	6.775			
3114-55-4	Chlorobenzene-d5	108000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	58300	12.018			

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

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Surrogate Summary

SDG No.: Q2267

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2267-01	WC-20250605	1,2-Dichloroethane-d4	50	48.7	97	74	125
		Dibromofluoromethane	50	53.9	108	75	124
		Toluene-d8	50	50.1	100	86	113
		4-Bromofluorobenzene	50	53.5	107	77	121

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Surrogate Summary

SDG No.: Q2267

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
VX0612WBL01	VX0612WBL01	1,2-Dichloroethane-d4	50	46.2	92	74	125
		Dibromofluoromethane	50	48.5	97	75	124
		Toluene-d8	50	52.4	105	86	113
		4-Bromofluorobenzene	50	54.6	109	77	121
VX0612WBS01	VX0612WBS01	1,2-Dichloroethane-d4	50	41.5	83	74	125
		Dibromofluoromethane	50	48.0	96	75	124
		Toluene-d8	50	47.8	96	86	113
		4-Bromofluorobenzene	50	48.1	96	77	121
VX0612WBSD0	VX0612WBSD01	1,2-Dichloroethane-d4	50	44.8	90	74	125
		Dibromofluoromethane	50	49.7	99	75	124
		Toluene-d8	50	48.3	97	86	113
		4-Bromofluorobenzene	50	50.5	101	77	121

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2267

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8260-Low **Datafile :** VX046660.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0612WBS01	Vinyl chloride	20	15.1	ug/L	76			65	117	
	1,1-Dichloroethene	20	17.3	ug/L	86			74	110	
	2-Butanone	100	88.0	ug/L	88			65	122	
	Carbon Tetrachloride	20	17.4	ug/L	87			77	113	
	Chloroform	20	18.3	ug/L	92			79	113	
	Benzene	20	18.7	ug/L	94			82	109	
	1,2-Dichloroethane	20	17.6	ug/L	88			80	115	
	Trichloroethene	20	18.5	ug/L	93			77	113	
	Tetrachloroethene	20	18.9	ug/L	95			67	123	
	Chlorobenzene	20	19.3	ug/L	97			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2267

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8260-Low **Datafile :** VX046662.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0612WBSD01	Vinyl chloride	20	15.3	ug/L	77	1		65	117	19
	1,1-Dichloroethene	20	17.2	ug/L	86	0		74	110	20
	2-Butanone	100	110	ug/L	110	22		65	122	26
	Carbon Tetrachloride	20	17.2	ug/L	86	1		77	113	15
	Chloroform	20	19.3	ug/L	97	5		79	113	20
	Benzene	20	19.0	ug/L	95	1		82	109	15
	1,2-Dichloroethane	20	19.1	ug/L	96	9		80	115	20
	Trichloroethene	20	18.9	ug/L	95	2		77	113	15
	Tetrachloroethene	20	18.5	ug/L	93	2		67	123	15
	Chlorobenzene	20	19.0	ug/L	95	2		82	109	15

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0612WBL01

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2267 SAS No.: Q2267 SDG NO.: Q2267

Lab File ID: VX046659.D Lab Sample ID: VX0612WBL01

Date Analyzed: 06/12/2025 Time Analyzed: 13:10

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0612WBS01	VX0612WBS01	VX046660.D	06/12/2025
VX0612WBSD01	VX0612WBSD01	VX046662.D	06/12/2025
WC-20250605	Q2267-01	VX046669.D	06/12/2025

COMMENTS:

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2267 SAS No.: Q2267 SDG NO.: Q2267

Lab File ID: VX046516.D BFB Injection Date: 06/06/2025

Instrument ID: MSVOA_X BFB Injection Time: 08:47

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21
75	30.0 - 60.0% of mass 95	56.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.6 (1) 1
174	50.0 - 100.0% of mass 95	65.2
175	5.0 - 9.0% of mass 174	5 (7.7) 1
176	95.0 - 101.0% of mass 174	62.7 (96.1) 1
177	5.0 - 9.0% of mass 176	4.2 (6.6) 2

1-Value is % mass 174 2-Value is % mass 176

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
VSTDICC005	VSTDICC005	VX046518.D	06/06/2025	09:42
VSTDICC020	VSTDICC020	VX046519.D	06/06/2025	10:18
VSTDICCC050	VSTDICCC050	VX046520.D	06/06/2025	10:40
VSTDICC100	VSTDICC100	VX046521.D	06/06/2025	11:02
VSTDICC150	VSTDICC150	VX046522.D	06/06/2025	11:25
VSTDICC001	VSTDICC001	VX046524.D	06/06/2025	12:57

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2267 SAS No.: Q2267 SDG NO.: Q2267

Lab File ID: VX046656.D BFB Injection Date: 06/12/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:44

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.2
75	30.0 - 60.0% of mass 95	51
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.6 (0.8) 1
174	50.0 - 100.0% of mass 95	73.3
175	5.0 - 9.0% of mass 174	5.9 (8.1) 1
176	95.0 - 101.0% of mass 174	72.3 (98.6) 1
177	5.0 - 9.0% of mass 176	4.6 (6.3) 2

1-Value is % mass 174 2-Value is % mass 176

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
VSTDCCC050	VSTDCCC050	VX046657.D	06/12/2025	10:11
VX0612WBL01	VX0612WBL01	VX046659.D	06/12/2025	13:10
VX0612WBS01	VX0612WBS01	VX046660.D	06/12/2025	13:38
VX0612WBSD01	VX0612WBSD01	VX046662.D	06/12/2025	14:26
WC-20250605	Q2267-01	VX046669.D	06/12/2025	17:17

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2267 SAS No.: Q2267 SDG NO.: Q2267

Lab File ID: VX046657.D Date Analyzed: 06/12/2025

Instrument ID: MSVOA_X Time Analyzed: 10:11

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	82603	5.56	125406	6.77	118101	10.06
UPPER LIMIT	165206	6.056	250812	7.269	236202	10.555
LOWER LIMIT	41301.5	5.056	62703	6.269	59050.5	9.555
EPA SAMPLE NO.						
WC-20250605	69359	5.57	121557	6.78	108481	10.06
VX0612WBL01	92224	5.57	180952	6.78	188641	10.06
VX0612WBS01	85578	5.56	144622	6.77	130715	10.06
VX0612WBSD01	77335	5.57	133427	6.78	124864	10.06

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

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 LOWER LIMIT = -0.50 minutes of internal standard RT

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2267 SAS No.: Q2267 SDG NO.: Q2267

Lab File ID: VX046657.D Date Analyzed: 06/12/2025

Instrument ID: MSVOA_X Time Analyzed: 10:11

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	60636	12.018				
UPPER LIMIT	121272	12.518				
LOWER LIMIT	30318	11.518				
EPA SAMPLE NO.						
WC-20250605	58310	12.02				
VX0612WBL01	95358	12.02				
VX0612WBS01	69016	12.02				
VX0612WBSD01	65393	12.02				

IS4 = 1,4-Dichlorobenzene-d4

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 LOWER 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

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	
Client Sample ID:	VX0612WBL01	SDG No.:	Q2267
Lab Sample ID:	VX0612WBL01	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046659.D	1		06/12/25 13:10	VX061225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.2		74 - 125	92%	SPK: 50
1868-53-7	Dibromofluoromethane	48.5		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	52.4		86 - 113	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.6		77 - 121	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	92200	5.568			
540-36-3	1,4-Difluorobenzene	181000	6.775			
3114-55-4	Chlorobenzene-d5	189000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	95400	12.024			

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

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Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	
Client Sample ID:	VX0612WBS01	SDG No.:	Q2267
Lab Sample ID:	VX0612WBS01	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046660.D	1		06/12/25 13:38	VX061225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	15.1		0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	17.3		0.23	1.00	ug/L
78-93-3	2-Butanone	88.0		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	17.4		0.25	1.00	ug/L
67-66-3	Chloroform	18.3		0.25	1.00	ug/L
71-43-2	Benzene	18.7		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	17.6		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.5		0.090	1.00	ug/L
127-18-4	Tetrachloroethene	18.9		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.3		0.12	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	41.5		74 - 125	83%	SPK: 50
1868-53-7	Dibromofluoromethane	48.0		75 - 124	96%	SPK: 50
2037-26-5	Toluene-d8	47.8		86 - 113	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.1		77 - 121	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	85600	5.556			
540-36-3	1,4-Difluorobenzene	145000	6.769			
3114-55-4	Chlorobenzene-d5	131000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	69000	12.018			

U = Not Detected
LOQ = Limit of Quantitation
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M = MS/MSD acceptance criteria did not meet requirements

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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

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	
Client Sample ID:	VX0612WBSD01	SDG No.:	Q2267
Lab Sample ID:	VX0612WBSD01	Matrix:	TCLP
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046662.D	1		06/12/25 14:26	VX061225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	15.3		0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	17.2		0.23	1.00	ug/L
78-93-3	2-Butanone	110		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	17.2		0.25	1.00	ug/L
67-66-3	Chloroform	19.3		0.25	1.00	ug/L
71-43-2	Benzene	19.0		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.1		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.9		0.090	1.00	ug/L
127-18-4	Tetrachloroethene	18.5		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.0		0.12	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.8		74 - 125	90%	SPK: 50
1868-53-7	Dibromofluoromethane	49.7		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	48.3		86 - 113	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.5		77 - 121	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	77300	5.568			
540-36-3	1,4-Difluorobenzene	133000	6.775			
3114-55-4	Chlorobenzene-d5	125000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	65400	12.024			

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2267 SAS No.: Q2267 SDG No.: Q2267

Instrument ID: MSVOA_X Calibration Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:42 12:57

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF005 = VX046518.D RRF020 = VX046519.D RRF050 = VX046520.D
RRF100 = VX046521.D RRF150 = VX046522.D RRF001 = VX046524.D

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	$\overline{RRF}$	% RSD
Vinyl Chloride	0.697	0.593	0.596	0.591	0.622	0.679	0.630	7.5
1,1-Dichloroethene	0.663	0.550	0.567	0.561	0.585	0.635	0.594	7.6
2-Butanone	0.459	0.469	0.503	0.511	0.544	0.484	0.495	6.3
Carbon Tetrachloride	0.599	0.579	0.564	0.554	0.579	0.655	0.588	6.1
Chloroform	1.392	1.356	1.318	1.290	1.349	1.349	1.342	2.6
Benzene	1.597	1.503	1.427	1.380	1.442	1.522	1.479	5.3
1,2-Dichloroethane	0.646	0.641	0.610	0.586	0.602	0.606	0.615	3.8
Trichloroethene	0.385	0.356	0.351	0.332	0.354	0.476	0.376	13.8
Tetrachloroethene	0.347	0.324	0.310	0.301	0.314	0.410	0.334	12.1
Chlorobenzene	1.187	1.152	1.126	1.096	1.139	1.356	1.176	7.9
1,2-Dichloroethane-d4	0.997	0.848	0.873	0.828	0.900		0.890	7.4
Dibromofluoromethane	0.392	0.353	0.368	0.347	0.379		0.368	5
Toluene-d8	1.362	1.159	1.188	1.132	1.220		1.212	7.4
4-Bromofluorobenzene	0.564	0.482	0.493	0.468	0.501		0.502	7.4

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2267 SAS No.: Q2267 SDG No.: Q2267

Instrument ID: MSVOA_X Calibration Date/Time: 06/12/2025 10:11

Lab File ID: VX046657.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:42 12:57

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.630	0.498		-20.95	20
1,1-Dichloroethene	0.594	0.579		-2.53	20
2-Butanone	0.495	0.394		-20.4	20
Carbon Tetrachloride	0.588	0.606		3.06	20
Chloroform	1.342	1.269		-5.44	20
Benzene	1.479	1.498		1.28	20
1,2-Dichloroethane	0.615	0.566		-7.97	20
Trichloroethene	0.376	0.394		4.79	20
Tetrachloroethene	0.334	0.342		2.39	20
Chlorobenzene	1.176	1.222	0.3	3.91	20
1,2-Dichloroethane-d4	0.890	0.711		-20.11	20
Dibromofluoromethane	0.368	0.434		17.93	20
Toluene-d8	1.212	1.368		12.87	20
4-Bromofluorobenzene	0.502	0.561		11.75	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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LAB CHRONICLE

OrderID:	Q2267	**OrderDate:**	6/6/2025 2:17:00 PM
Client:	PARSONS Engineering of New York, Inc.	**Project:**	Con Ed Non MGP – Atlantic Ave 453957.600024.05
Contact:	Stephen Liberatore	**Location:**	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2267-01	**WC-20250605**	**TCLP**			**06/05/25**			**06/06/25**
			TCLP BNA	8270E		06/11/25	06/11/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2267

Client: PARSONS Engineering of New York, Inc.

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

SAMPLE DATA

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/11/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/11/25
Client Sample ID:	PB168390TB	SDG No.:	Q2267
Lab Sample ID:	PB168390TB	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050296.D	1	06/11/25 12:20	06/12/25 05:50	PB168422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	151		23 - 138	101%	SPK: 150
13127-88-3	Phenol-d6	141		10 - 134	94%	SPK: 150
4165-60-0	Nitrobenzene-d5	92.9		67 - 132	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.9		52 - 132	89%	SPK: 100
118-79-6	2,4,6-Tribromophenol	142		44 - 137	95%	SPK: 150
1718-51-0	Terphenyl-d14	87.9		42 - 152	88%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	381000	7.763			
1146-65-2	Naphthalene-d8	1410000	10.545			
15067-26-2	Acenaphthene-d10	769000	14.392			
1517-22-2	Phenanthrene-d10	1430000	17.127			
1719-03-5	Chrysene-d12	1460000	21.356			
1520-96-3	Perylene-d12	1560000	24.327			

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/11/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/11/25
Client Sample ID:	PB168390TB	SDG No.:	Q2267
Lab Sample ID:	PB168390TB	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050296.D	1	06/11/25 12:20	06/12/25 05:50	PB168422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	WC-20250605	SDG No.:	Q2267
Lab Sample ID:	Q2267-01	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050284.D	1	06/11/25 12:20	06/11/25 21:21	PB168422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	141		23 - 138	94%	SPK: 150
13127-88-3	Phenol-d6	121		10 - 134	81%	SPK: 150
4165-60-0	Nitrobenzene-d5	94.7		67 - 132	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.8		52 - 132	92%	SPK: 100
118-79-6	2,4,6-Tribromophenol	156		44 - 137	104%	SPK: 150
1718-51-0	Terphenyl-d14	68.5		42 - 152	68%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	342000	7.763			
1146-65-2	Naphthalene-d8	1300000	10.551			
15067-26-2	Acenaphthene-d10	724000	14.392			
1517-22-2	Phenanthrene-d10	1410000	17.133			
1719-03-5	Chrysene-d12	1480000	21.356			
1520-96-3	Perylene-d12	829000	24.333			

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	WC-20250605	SDG No.:	Q2267
Lab Sample ID:	Q2267-01	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050284.D	1	06/11/25 12:20	06/11/25 21:21	PB168422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Surrogate Summary

SW-846

SDG No.: Q2267

Client: PARSONS Engineering of New York, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168390TB	PB168390TB	2-Fluorophenol	150	151	101		23	138
		Phenol-d6	150	141	94		10	134
		Nitrobenzene-d5	100	92.9	93		67	132
		2-Fluorobiphenyl	100	88.9	89		52	132
		2,4,6-Tribromophenol	150	142	95		44	137
		Terphenyl-d14	100	87.9	88		42	152
PB168422BL	PB168422BL	2-Fluorophenol	150	156	104		23	138
		Phenol-d6	150	143	95		10	134
		Nitrobenzene-d5	100	94.3	94		67	132
		2-Fluorobiphenyl	100	96.0	96		52	132
		2,4,6-Tribromophenol	150	155	103		44	137
		Terphenyl-d14	100	93.3	93		42	152
PB168422BS	PB168422BS	2-Fluorophenol	150	135	90		23	138
		Phenol-d6	150	127	85		10	134
		Nitrobenzene-d5	100	81.9	82		67	132
		2-Fluorobiphenyl	100	78.8	79		52	132
		2,4,6-Tribromophenol	150	140	93		44	137
		Terphenyl-d14	100	79.8	80		42	152
Q2262-02MS	ARS20-0032MS	2-Fluorophenol	150	127	85		23	138
		Phenol-d6	150	111	74		10	134
		Nitrobenzene-d5	100	87.9	88		67	132
		2-Fluorobiphenyl	100	83.5	83		52	132
		2,4,6-Tribromophenol	150	147	98		44	137
		Terphenyl-d14	100	84.2	84		42	152
Q2262-02MSD	ARS20-0032MSD	2-Fluorophenol	150	126	84		23	138
		Phenol-d6	150	112	75		10	134
		Nitrobenzene-d5	100	88.0	88		67	132
		2-Fluorobiphenyl	100	84.2	84		52	132
		2,4,6-Tribromophenol	150	146	98		44	137
		Terphenyl-d14	100	88.5	88		42	152
Q2267-01	WC-20250605	2-Fluorophenol	150	141	94		23	138
		Phenol-d6	150	121	81		10	134
		Nitrobenzene-d5	100	94.7	95		67	132
		2-Fluorobiphenyl	100	91.8	92		52	132
		2,4,6-Tribromophenol	150	156	104		44	137
		Terphenyl-d14	100	68.5	68		42	152

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2267

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2262-02MS		**Client Sample ID: ARS20-0032MS**						**DataFile: BM050281.D**			
Pyridine	500	0	400	ug/L	80				10	109	
1,4-Dichlorobenzene	500	0	440	ug/L	88				55	125	
2-Methylphenol	500	0	460	ug/L	92				60	131	
3+4-Methylphenols	500	0	440	ug/L	88				54	136	
Hexachloroethane	500	0	460	ug/L	92				19	146	
Nitrobenzene	500	0	510	ug/L	102				62	112	
Hexachlorobutadiene	500	0	470	ug/L	94				52	125	
2,4,6-Trichlorophenol	500	0	510	ug/L	102				78	112	
2,4,5-Trichlorophenol	500	0	520	ug/L	104				71	111	
2,4-Dinitrotoluene	500	0	570	ug/L	114				74	137	
Hexachlorobenzene	500	0	520	ug/L	104				72	115	
Pentachlorophenol	1000	0	1100	ug/L	110				52	162	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2267

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2262-02MSD		**Client Sample ID:** ARS20-0032MSD						**DataFile:** BM050282.D			
Pyridine	500	0	380	ug/L	76		5		10	109	20
1,4-Dichlorobenzene	500	0	440	ug/L	88		0		55	125	20
2-Methylphenol	500	0	470	ug/L	94		2		60	131	20
3+4-Methylphenols	500	0	460	ug/L	92		4		54	136	20
Hexachloroethane	500	0	450	ug/L	90		2		19	146	20
Nitrobenzene	500	0	500	ug/L	100		2		62	112	20
Hexachlorobutadiene	500	0	490	ug/L	98		4		52	125	20
2,4,6-Trichlorophenol	500	0	530	ug/L	106		4		78	112	20
2,4,5-Trichlorophenol	500	0	530	ug/L	106		2		71	111	20
2,4-Dinitrotoluene	500	0	570	ug/L	114		0		74	137	20
Hexachlorobenzene	500	0	540	ug/L	108		4		72	115	20
Pentachlorophenol	1000	0	1100	ug/L	110		0		52	162	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2267

Client: PARSONS Engineering of New York, Inc.

Analytical Method: 8270E **DataFile:** BM050279.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168422BS	Pyridine	50	39.9	ug/L	80				29	97	
	1,4-Dichlorobenzene	50	42.9	ug/L	86				76	103	
	2-Methylphenol	50	44.1	ug/L	88				69	109	
	3+4-Methylphenols	50	43.8	ug/L	88				67	106	
	Hexachloroethane	50	44.9	ug/L	90				76	118	
	Nitrobenzene	50	46.8	ug/L	94				58	106	
	Hexachlorobutadiene	50	43.7	ug/L	87				69	101	
	2,4,6-Trichlorophenol	50	46.1	ug/L	92				61	110	
	2,4,5-Trichlorophenol	50	47.0	ug/L	94				70	106	
	2,4-Dinitrotoluene	50	51.7	ug/L	103				60	115	
	Hexachlorobenzene	50	47.0	ug/L	94				73	106	
	Pentachlorophenol	100	100	ug/L	100				47	114	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168422BL

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2267 SAS No.: Q2267 SDG NO.: Q2267

Lab File ID: BM050278.D Lab Sample ID: PB168422BL

Instrument ID: BNA_M Date Extracted: 06/11/2025

Matrix: (soil/water) water Date Analyzed: 06/11/2025

Level: (low/med) LOW Time Analyzed: 17:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168422BS	PB168422BS	BM050279.D	06/11/2025
ARS20-0032MS	Q2262-02MS	BM050281.D	06/11/2025
ARS20-0032MSD	Q2262-02MSD	BM050282.D	06/11/2025
WC-20250605	Q2267-01	BM050284.D	06/11/2025
PB168390TB	PB168390TB	BM050296.D	06/12/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM SAS No.: Q2267 SDG NO.: Q2267

Lab File ID: BM050193.D DFTPP Injection Date: 06/05/2025

Instrument ID: BNA_M DFTPP Injection Time: 08:40

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	20.3
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	37.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.5
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	24.6
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	74.4
443	15.0 - 24.0% of mass 442	14.8 (19.9) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BM050194.D	06/05/2025	09:20
SSTDICC005	SSTDICC005	BM050195.D	06/05/2025	09:59
SSTDICC010	SSTDICC010	BM050196.D	06/05/2025	10:38
SSTDICC020	SSTDICC020	BM050197.D	06/05/2025	11:17
SSTDICCC040	SSTDICCC040	BM050198.D	06/05/2025	11:57
SSTDICC050	SSTDICC050	BM050199.D	06/05/2025	12:36
SSTDICC060	SSTDICC060	BM050200.D	06/05/2025	13:16
SSTDICC080	SSTDICC080	BM050201.D	06/05/2025	13:56

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM SAS No.: Q2267 SDG NO.: Q2267

Lab File ID: BM050276.D DFTPP Injection Date: 06/11/2025

Instrument ID: BNA_M DFTPP Injection Time: 15:46

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	22.7
68	Less than 2.0% of mass 69	0.7 (1.5) 1
69	Mass 69 relative abundance	42.6
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	50.6
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	24.4
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	11.2
442	Greater than 50% of mass 198	70.8
443	15.0 - 24.0% of mass 442	13.7 (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
SSTDCCC040	SSTDCCC040	BM050277.D	06/11/2025	16:25
PB168422BL	PB168422BL	BM050278.D	06/11/2025	17:24
PB168422BS	PB168422BS	BM050279.D	06/11/2025	18:04
ARS20-0032MS	Q2262-02MS	BM050281.D	06/11/2025	19:23
ARS20-0032MSD	Q2262-02MSD	BM050282.D	06/11/2025	20:02
WC-20250605	Q2267-01	BM050284.D	06/11/2025	21:21

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM SAS No.: Q2267 SDG NO.: Q2267

Lab File ID: BM050293.D DFTPP Injection Date: 06/12/2025

Instrument ID: BNA_M DFTPP Injection Time: 03:52

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	22.6
68	Less than 2.0% of mass 69	0.7 (1.5) 1
69	Mass 69 relative abundance	42.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	51.1
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	6.7
275	10.0 - 60.0% of mass 198	24.6
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	12.2
442	Greater than 50% of mass 198	76.4
443	15.0 - 24.0% of mass 442	14.8 (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
SSTDCCC040	SSTDCCC040	BM050294.D	06/12/2025	04:31
PB168390TB	PB168390TB	BM050296.D	06/12/2025	05:50

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2267 SAS No.: Q2267 SDG NO.: Q2267

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/11/2025

Lab File ID: BM050277.D Time Analyzed: 16:25

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	385793	7.763	1556760	10.55	888836	14.39
	UPPER LIMIT	771586	8.263	3113520	11.051	1777670	14.892
	LOWER LIMIT	192897	7.263	778380	10.051	444418	13.892
	EPA SAMPLE NO.						
01	PB168422BL	379949	7.76	1397820	10.55	753306	14.39
02	PB168422BS	367361	7.76	1426640	10.55	820279	14.40
03	ARS20-0032MS	381437	7.76	1477950	10.55	832888	14.40
04	ARS20-0032MSD	426249	7.76	1656090	10.55	962021	14.40
05	WC-20250605	342435	7.76	1297100	10.55	723910	14.39

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2267 SAS No.: Q2267 SDG NO.: Q2267

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/11/2025

Lab File ID: BM050277.D Time Analyzed: 16:25

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	1666660	17.133	1770270	21.362	1907720	24.338
	UPPER LIMIT	3333320	17.633	3540540	21.862	3815440	24.838
	LOWER LIMIT	833330	16.633	885135	20.862	953860	23.838
	EPA SAMPLE NO.						
01	PB168422BL	1427850	17.13	1514580	21.36	1590020	24.34
02	PB168422BS	1545820	17.13	1653110	21.36	1805250	24.34
03	ARS20-0032MS	1533180	17.13	1635520	21.36	1800700	24.34
04	ARS20-0032MSD	1732540	17.13	1631000	21.36	1766580	24.33
05	WC-20250605	1414150	17.13	1483950	21.36	828685 *	24.33

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2267 SAS No.: Q2267 SDG NO.: Q2267

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/12/2025

Lab File ID: BM050294.D Time Analyzed: 04:31

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	421256	7.763	1719770	10.55	980072	14.39
	UPPER LIMIT	842512	8.263	3439540	11.051	1960140	14.892
	LOWER LIMIT	210628	7.263	859885	10.051	490036	13.892
	EPA SAMPLE NO.						
01	PB168390TB	380994	7.76	1407710	10.55	768840	14.39

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

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

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

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Fax : 908 789 8922

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2267 SAS No.: Q2267 SDG NO.: Q2267

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/12/2025

Lab File ID: BM050294.D Time Analyzed: 04:31

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	1834300	17.133	2006120	21.362	2127250	24.327
	UPPER LIMIT	3668600	17.633	4012240	21.862	4254500	24.827
	LOWER LIMIT	917150	16.633	1003060	20.862	1063630	23.827
	EPA SAMPLE NO.						
01	PB168390TB	1429590	17.13	1457100	21.36	1555860	24.33

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

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	
Client Sample ID:	PB168422BL	SDG No.:	Q2267
Lab Sample ID:	PB168422BL	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BM050278.D	1	06/11/25 12:20	06/11/25 17:24	PB168422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1.30	U	1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.53	U	0.53	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.0	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	0.51	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.62	U	0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	156		23 - 138	104%	SPK: 150
13127-88-3	Phenol-d6	143		10 - 134	95%	SPK: 150
4165-60-0	Nitrobenzene-d5	94.3		67 - 132	94%	SPK: 100
321-60-8	2-Fluorobiphenyl	96.0		52 - 132	96%	SPK: 100
118-79-6	2,4,6-Tribromophenol	155		44 - 137	103%	SPK: 150
1718-51-0	Terphenyl-d14	93.3		42 - 152	93%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	380000	7.763			
1146-65-2	Naphthalene-d8	1400000	10.551			
15067-26-2	Acenaphthene-d10	753000	14.392			
1517-22-2	Phenanthrene-d10	1430000	17.133			
1719-03-5	Chrysene-d12	1510000	21.362			
1520-96-3	Perylene-d12	1590000	24.338			

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.			Date Collected:	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05			Date Received:	
Client Sample ID:	PB168422BL			SDG No.:	Q2267
Lab Sample ID:	PB168422BL			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
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
BM050278.D	1	06/11/25 12:20	06/11/25 17:24	PB168422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	
Client Sample ID:	PB168422BS	SDG No.:	Q2267
Lab Sample ID:	PB168422BS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BM050279.D	1	06/11/25 12:20	06/11/25 18:04	PB168422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	39.9		1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	42.9		0.53	5.00	ug/L
95-48-7	2-Methylphenol	44.1		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	43.8		1.10	10.0	ug/L
67-72-1	Hexachloroethane	44.9		0.65	5.00	ug/L
98-95-3	Nitrobenzene	46.8		0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	43.7		0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	46.1		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	47.0		0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	51.7		1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	47.0		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	100	E	1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	135		23 - 138	90%	SPK: 150
13127-88-3	Phenol-d6	127		10 - 134	85%	SPK: 150
4165-60-0	Nitrobenzene-d5	81.9		67 - 132	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.8		52 - 132	79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	140		44 - 137	93%	SPK: 150
1718-51-0	Terphenyl-d14	79.8		42 - 152	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	367000	7.763			
1146-65-2	Naphthalene-d8	1430000	10.551			
15067-26-2	Acenaphthene-d10	820000	14.398			
1517-22-2	Phenanthrene-d10	1550000	17.133			
1719-03-5	Chrysene-d12	1650000	21.362			
1520-96-3	Perylene-d12	1810000	24.338			

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.			Date Collected:	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05			Date Received:	
Client Sample ID:	PB168422BS			SDG No.:	Q2267
Lab Sample ID:	PB168422BS			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
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
BM050279.D	1	06/11/25 12:20	06/11/25 18:04	PB168422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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
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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

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/06/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	ARS20-0032MS	SDG No.:	Q2267
Lab Sample ID:	Q2262-02MS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BM050281.D	1	06/11/25 12:20	06/11/25 19:23	PB168422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	400		12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	440		5.30	50.0	ug/L
95-48-7	2-Methylphenol	460		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	440		11.0	100	ug/L
67-72-1	Hexachloroethane	460		6.50	50.0	ug/L
98-95-3	Nitrobenzene	510		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	470		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	510		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	520		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	570		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	520		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	1100	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	127		23 - 138	85%	SPK: 150
13127-88-3	Phenol-d6	111		10 - 134	74%	SPK: 150
4165-60-0	Nitrobenzene-d5	87.9		67 - 132	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.5		52 - 132	83%	SPK: 100
118-79-6	2,4,6-Tribromophenol	147		44 - 137	98%	SPK: 150
1718-51-0	Terphenyl-d14	84.2		42 - 152	84%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	381000	7.763			
1146-65-2	Naphthalene-d8	1480000	10.552			
15067-26-2	Acenaphthene-d10	833000	14.398			
1517-22-2	Phenanthrene-d10	1530000	17.133			
1719-03-5	Chrysene-d12	1640000	21.363			
1520-96-3	Perylene-d12	1800000	24.339			

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/06/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	ARS20-0032MS	SDG No.:	Q2267
Lab Sample ID:	Q2262-02MS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BM050281.D	1	06/11/25 12:20	06/11/25 19:23	PB168422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/06/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	ARS20-0032MSD	SDG No.:	Q2267
Lab Sample ID:	Q2262-02MSD	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BM050282.D	1	06/11/25 12:20	06/11/25 20:02	PB168422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	380		12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	440		5.30	50.0	ug/L
95-48-7	2-Methylphenol	470		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	460		11.0	100	ug/L
67-72-1	Hexachloroethane	450		6.50	50.0	ug/L
98-95-3	Nitrobenzene	500		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	490		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	530		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	530		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	570		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	540		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	1100	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	126		23 - 138	84%	SPK: 150
13127-88-3	Phenol-d6	112		10 - 134	75%	SPK: 150
4165-60-0	Nitrobenzene-d5	88.0		67 - 132	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.2		52 - 132	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	146		44 - 137	98%	SPK: 150
1718-51-0	Terphenyl-d14	88.5		42 - 152	88%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	426000	7.763			
1146-65-2	Naphthalene-d8	1660000	10.551			
15067-26-2	Acenaphthene-d10	962000	14.398			
1517-22-2	Phenanthrene-d10	1730000	17.133			
1719-03-5	Chrysene-d12	1630000	21.362			
1520-96-3	Perylene-d12	1770000	24.333			

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/06/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	ARS20-0032MSD	SDG No.:	Q2267
Lab Sample ID:	Q2262-02MSD	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BM050282.D	1	06/11/25 12:20	06/11/25 20:02	PB168422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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-BM060525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jun 05 16:20:25 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BM050194.D 5 =BM050195.D 10 =BM050196.D 20 =BM050197.D 40 =BM050198.D 50 =BM050199.D 60 =BM050200.D 80 =BM0502
01.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.597	0.552	0.516	0.479	0.511	0.536	0.488	0.526	7.69
3)		Pyridine		1.353	1.352	1.370	1.311	1.425	1.389	1.326	1.361	2.80
4)		n-Nitrosodimet...		0.283	0.265	0.279	0.272	0.297	0.293	0.282	0.281	3.95
5)	S	2-Fluorophenol		1.251	1.193	1.192	1.145	1.238	1.224	1.150	1.199	3.45
6)		Aniline		2.033	2.016	2.147	2.065	2.250	2.064	2.031	2.086	4.02
7)	S	Phenol-d6		1.569	1.521	1.617	1.565	1.699	1.560	1.516	1.578	4.00
8)		2-Chlorophenol		1.289	1.259	1.344	1.295	1.418	1.338	1.288	1.319	4.02
9)		Benzaldehyde		1.188	1.080	1.096	0.878	0.975	0.804		1.003	14.43
10)	C	Phenol		1.673	1.644	1.710	1.644	1.782	1.637	1.600	1.670	3.58
11)		bis(2-Chloroet...		1.396	1.319	1.380	1.315	1.428	1.295	1.269	1.343	4.36
12)		1,3-Dichlorobe...		1.516	1.462	1.491	1.412	1.545	1.485	1.409	1.474	3.46
13)	C	1,4-Dichlorobe...		1.619	1.544	1.564	1.450	1.591	1.525	1.444	1.534	4.34
14)		1,2-Dichlorobe...		1.503	1.456	1.492	1.402	1.540	1.450	1.392	1.462	3.68
15)		Benzyl Alcohol		1.072	1.045	1.152	1.141	1.267	1.102	1.101	1.126	6.43
16)		2,2'-oxybis(1-...		1.012	0.949	0.974	0.909	0.978	0.863	0.845	0.933	6.68
17)		2-Methylphenol		1.078	1.042	1.133	1.108	1.207	1.077	1.068	1.102	4.96
18)		Hexachloroethane		0.564	0.544	0.552	0.533	0.593	0.559	0.543	0.556	3.51
19)	P	n-Nitroso-di-n...	0.847	0.944	0.947	1.072	1.001	1.096	0.906	0.913	0.966	8.82
20)		3+4-Methylphenols		1.367	1.375	1.533	1.509	1.661	1.437	1.438	1.474	6.98
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.515	0.506	0.517	0.476	0.519	0.495	0.470	0.500	4.03
23)	S	Nitrobenzene-d5		0.359	0.362	0.392	0.377	0.414	0.406	0.382	0.385	5.42
24)		Nitrobenzene		0.333	0.337	0.359	0.339	0.370	0.363	0.347	0.350	4.10
25)		Isophorone		0.647	0.624	0.685	0.659	0.733	0.652	0.646	0.664	5.33
26)	C	2-Nitrophenol		0.116	0.124	0.146	0.155	0.178	0.169	0.169	0.151	15.65
27)		2,4-Dimethylph...		0.311	0.298	0.315	0.303	0.332	0.313	0.299	0.310	3.80
28)		bis(2-Chloroet...		0.426	0.413	0.447	0.427	0.470	0.432	0.420	0.434	4.42
29)	C	2,4-Dichloroph...		0.265	0.262	0.289	0.286	0.319	0.300	0.289	0.287	6.83
30)		1,2,4-Trichlor...		0.324	0.307	0.321	0.305	0.337	0.330	0.312	0.319	3.72
31)		Naphthalene		1.111	1.041	1.056	0.977	1.061	1.025	0.969	1.034	4.79
32)		Benzoic acid			0.127	0.176	0.204	0.233	0.211	0.219	0.195	19.69
33)		4-Chloroaniline		0.438	0.423	0.454	0.433	0.477	0.440	0.422	0.441	4.37
34)	C	Hexachlorobuta...		0.188	0.184	0.189	0.182	0.202	0.197	0.188	0.190	3.74
35)		Caprolactam		0.077	0.077	0.093	0.097	0.112	0.092	0.090	0.091	13.48
36)	C	4-Chloro-3-met...		0.293	0.276	0.313	0.313	0.347	0.302	0.299	0.306	7.19
37)		2-Methylnaphth...		0.625	0.592	0.643	0.615	0.679	0.619	0.594	0.624	4.78
38)		1-Methylnaphth...		0.676	0.637	0.689	0.649	0.714	0.648	0.622	0.662	4.86

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM060525.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.586	0.561	0.585	0.541	0.589	0.607	0.574	0.578	3.71
41)	P	Hexachlorocycl...	0.295	0.305	0.339	0.341	0.382	0.401	0.392	0.351	12.02
42)	S	2,4,6-Tribromo...	0.210	0.213	0.238	0.231	0.254	0.233	0.214	0.227	6.99
43)	C	2,4,6-Trichlor...	0.346	0.347	0.379	0.375	0.414	0.402	0.396	0.380	6.93
44)		2,4,5-Trichlor...	0.371	0.382	0.424	0.414	0.457	0.442	0.429	0.417	7.46
45)	S	2-Fluorobiphenyl	1.589	1.536	1.532	1.377	1.463	1.480	1.364	1.477	5.67
46)		1,1'-Biphenyl	1.582	1.513	1.514	1.404	1.526	1.508	1.437	1.498	3.96
47)		2-Chloronaphth...	1.221	1.194	1.180	1.084	1.171	1.177	1.123	1.164	3.94
48)		2-Nitroaniline	0.200	0.206	0.252	0.268	0.302	0.290	0.277	0.256	15.56
49)		Acenaphthylene	1.863	1.834	1.940	1.819	1.978	1.924	1.824	1.883	3.39
50)		Dimethylphthalate	1.339	1.285	1.398	1.343	1.474	1.344	1.284	1.353	4.92
51)		2,6-Dinitrotol...	0.204	0.231	0.284	0.289	0.320	0.297	0.284	0.273	14.82
52)	C	Acenaphthene	1.217	1.176	1.185	1.132	1.228	1.181	1.127	1.178	3.24
53)		3-Nitroaniline	0.231	0.252	0.312	0.323	0.360	0.336	0.314	0.304	15.16
54)	P	2,4-Dinitrophenol		0.093	0.131	0.152	0.179	0.160	0.160	0.146	20.67
55)		Dibenzofuran	1.782	1.710	1.775	1.662	1.797	1.719	1.617	1.723	3.87
56)	P	4-Nitrophenol	0.199	0.216	0.265	0.274	0.307	0.288	0.262	0.259	14.93
57)		2,4-Dinitrotol...	0.250	0.283	0.365	0.396	0.447	0.398	0.380	0.360	19.28
58)		Fluorene	1.413	1.358	1.394	1.267	1.348	1.289	1.169	1.320	6.40
59)		2,3,4,6-Tetrac...	0.338	0.330	0.370	0.365	0.401	0.371	0.350	0.361	6.60
60)		Diethylphthalate	1.314	1.272	1.416	1.346	1.490	1.317	1.238	1.342	6.43
61)		4-Chlorophenyl...	0.675	0.656	0.667	0.611	0.660	0.623	0.573	0.638	5.81
62)		4-Nitroaniline	0.213	0.236	0.291	0.308	0.342	0.319	0.285	0.285	16.00
63)		Azobenzene	1.342	1.330	1.415	1.313	1.443	1.316	1.230	1.341	5.25
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.075	0.101	0.111	0.128	0.120	0.121	0.109	17.72
66)	c	n-Nitrosodiphe...	0.630	0.626	0.639	0.594	0.646	0.639	0.625	0.628	2.73
67)		4-Bromophenyl-...	0.207	0.204	0.215	0.204	0.228	0.217	0.218	0.213	4.13
68)		Hexachlorobenzene	0.249	0.240	0.253	0.238	0.261	0.255	0.249	0.249	3.29
69)		Atrazine	0.166	0.177	0.206	0.206	0.231	0.212	0.204	0.200	10.86
70)	C	Pentachlorophenol	0.133	0.138	0.165	0.164	0.187	0.177	0.171	0.162	12.21
71)		Phenanthrene	1.239	1.156	1.160	1.071	1.161	1.144	1.068	1.143	5.14
72)		Anthracene	1.167	1.135	1.175	1.086	1.181	1.165	1.092	1.143	3.46
73)		Carbazole	1.041	1.003	1.063	1.009	1.103	1.085	0.985	1.041	4.30
74)		Di-n-butylphth...	0.998	1.007	1.187	1.159	1.300	1.187	1.093	1.133	9.53
75)	C	Fluoranthene	1.180	1.139	1.231	1.178	1.301	1.284	1.121	1.205	5.77
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.381	0.568	0.617	0.689	0.600	0.520	0.562	18.64
78)		Pyrene	1.331	1.307	1.444	1.324	1.423	1.274	1.334	1.348	4.61
79)	S	Terphenyl-d14	1.148	1.088	1.165	1.010	1.064	0.955	0.957	1.055	8.06
80)		Butylbenzylpht...	0.322	0.347	0.460	0.490	0.563	0.480	0.485	0.450	18.95
81)		Benzo(a)anthra...	1.271	1.231	1.298	1.218	1.338	1.280	1.225	1.266	3.47
82)		3,3'-Dichlorob...	0.265	0.301	0.379	0.415	0.476	0.450	0.416	0.386	19.97
83)		Chrysene	1.235	1.184	1.225	1.151	1.256	1.217	1.161	1.204	3.27
84)		Bis(2-ethylhex...	0.525	0.574	0.702	0.740	0.851	0.741	0.714	0.693	15.84
85)	c	Di-n-octyl pht...	0.641	0.729	0.936	1.114	1.359	1.245	1.169	1.028	26.08

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM060525.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.189	1.183	1.254	1.191	1.318	1.472	1.407	1.288	8.99
88)		Benzo(b)fluora...	1.104	1.082	1.205	1.170	1.269	1.178	1.132	1.163	5.46
89)		Benzo(k)fluora...	1.141	1.149	1.222	1.167	1.295	1.190	1.144	1.187	4.71
90)	C	Benzo(a)pyrene	0.994	1.007	1.111	1.081	1.197	1.153	1.111	1.093	6.73
91)		Dibenzo(a,h)an...	0.954	0.966	1.021	0.972	1.075	1.188	1.141	1.045	8.83
92)		Benzo(g,h,i)pe...	1.002	0.978	1.013	0.954	1.037	1.194	1.146	1.046	8.57

(#) = Out of Range

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2267 SAS No.: Q2267 SDG No.: Q2267

Instrument ID: BNA_M Calibration Date/Time: 06/11/2025 16:25

Lab File ID: BM050277.D Init. Calib. Date(s): 06/05/2025 06/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:20 13:56

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.361	1.435		5.4	
2-Fluorophenol	1.199	1.266		5.6	
Phenol-d6	1.578	1.594		1.0	
1,4-Dichlorobenzene	1.534	1.499		-2.3	20.0
2-Methylphenol	1.102	1.087		-1.4	
3+4-Methylphenols	1.474	1.437		-2.5	
Nitrobenzene-d5	0.385	0.398		3.4	
Hexachloroethane	0.555	0.572		3.1	
Nitrobenzene	0.350	0.363		3.7	
Hexachlorobutadiene	0.190	0.180		-5.3	20.0
2,4,6-Trichlorophenol	0.380	0.380		0.0	20.0
2-Fluorobiphenyl	1.477	1.459		-1.2	
2,4,5-Trichlorophenol	0.417	0.413		-1.0	
2,4-Dinitrotoluene	0.360	0.382		6.1	
2,4,6-Tribromophenol	0.227	0.236		4.0	
Hexachlorobenzene	0.249	0.247		-0.8	
Pentachlorophenol	0.162	0.165		1.9	20.0
Terphenyl-d14	1.055	1.028		-2.6	

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2267 SAS No.: Q2267 SDG No.: Q2267

Instrument ID: BNA_M Calibration Date/Time: 06/12/2025 04:31

Lab File ID: BM050294.D Init. Calib. Date(s): 06/05/2025 06/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:20 13:56

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.361	1.435		5.4	
2-Fluorophenol	1.199	1.250		4.3	
Phenol-d6	1.578	1.595		1.1	
1,4-Dichlorobenzene	1.534	1.495		-2.5	20.0
2-Methylphenol	1.102	1.099		-0.3	
3+4-Methylphenols	1.474	1.458		-1.1	
Nitrobenzene-d5	0.385	0.405		5.2	
Hexachloroethane	0.555	0.587		5.8	
Nitrobenzene	0.350	0.371		6.0	
Hexachlorobutadiene	0.190	0.180		-5.3	20.0
2,4,6-Trichlorophenol	0.380	0.380		0.0	20.0
2-Fluorobiphenyl	1.477	1.469		-0.5	
2,4,5-Trichlorophenol	0.417	0.417		0.0	
2,4-Dinitrotoluene	0.360	0.387		7.5	
2,4,6-Tribromophenol	0.227	0.239		5.3	
Hexachlorobenzene	0.249	0.250		0.4	
Pentachlorophenol	0.162	0.173		6.8	20.0
Terphenyl-d14	1.055	1.007		-4.6	

All other compounds must meet a minimum RRF of 0.010.

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LAB CHRONICLE

OrderID:	Q2267	**OrderDate:**	6/6/2025 2:17:00 PM
Client:	PARSONS Engineering of New York, Inc.	**Project:**	Con Ed Non MGP – Atlantic Ave 453957.600024.05
Contact:	Stephen Liberatore	**Location:**	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2267-01	**WC-20250605**	**WATER**			**06/05/25**			**06/06/25**
			PCB	8082A		06/10/25	06/10/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2267 **Order ID:** Q2267

Client: PARSONS Engineering of New York, Inc. **Project ID:** Con Ed Non MGP – Atlantic Ave 4539

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: **0.000**

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	WC-20250605	SDG No.:	Q2267
Lab Sample ID:	Q2267-01	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	980 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111579.D	1	06/10/25 09:00	06/10/25 16:00	PB168377

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.099	U	0.099	0.51	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.51	ug/L
11141-16-5	Aroclor-1232	0.098	U	0.098	0.51	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.51	ug/L
12672-29-6	Aroclor-1248	0.072	U	0.072	0.51	ug/L
11097-69-1	Aroclor-1254	0.096	U	0.096	0.51	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.51	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.51	ug/L
11096-82-5	Aroclor-1260	0.083	U	0.083	0.51	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.3		30 - 173	101%	SPK: 20
2051-24-3	Decachlorobiphenyl	4.19		10 - 173	21%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q2267

Client: PARSONS Engineering of New York, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PO111057.D	PIBLK-PO111057.D	Tetrachloro-m-xylene	1	20	16.4	82		60	140
		Decachlorobiphenyl	1	20	17.5	87		60	140
		Tetrachloro-m-xylene	2	20	15.4	77		60	140
		Decachlorobiphenyl	2	20	17.9	90		60	140
I.BLK-PO111573.D	PIBLK-PO111573.D	Tetrachloro-m-xylene	1	20	21.8	109		60	140
		Decachlorobiphenyl	1	20	20.7	104		60	140
		Tetrachloro-m-xylene	2	20	20.0	100		60	140
		Decachlorobiphenyl	2	20	19.4	97		60	140
PB168377BL	PB168377BL	Tetrachloro-m-xylene	1	20	23.5	118		30	173
		Decachlorobiphenyl	1	20	22.1	111		10	173
		Tetrachloro-m-xylene	2	20	21.4	107		30	173
		Decachlorobiphenyl	2	20	20.6	103		10	173
PB168377BS	PB168377BS	Tetrachloro-m-xylene	1	20	21.8	109		30	173
		Decachlorobiphenyl	1	20	22.1	111		10	173
		Tetrachloro-m-xylene	2	20	20.0	100		30	173
		Decachlorobiphenyl	2	20	20.6	103		10	173
PB168377BSD	PB168377BSD	Tetrachloro-m-xylene	1	20	21.2	106		30	173
		Decachlorobiphenyl	1	20	22.0	110		10	173
		Tetrachloro-m-xylene	2	20	20.0	100		30	173
		Decachlorobiphenyl	2	20	20.7	104		10	173
Q2267-01	WC-20250605	Tetrachloro-m-xylene	1	20	20.3	101		30	173
		Decachlorobiphenyl	1	20	4.19	21		10	173
		Tetrachloro-m-xylene	2	20	18.4	92		30	173
		Decachlorobiphenyl	2	20	3.98	20		10	173
I.BLK-PO111584.D	PIBLK-PO111584.D	Tetrachloro-m-xylene	1	20	21.6	108		60	140
		Decachlorobiphenyl	1	20	20.3	101		60	140
		Tetrachloro-m-xylene	2	20	19.9	100		60	140
		Decachlorobiphenyl	2	20	19.2	96		60	140

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2267 **Analytical Method:** 8082A

Client: PARSONS Engineering of New York, Inc **Datafile :** PO111575.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168377BS (Column 1)	AR1016	5	4.70	ug/L	94				77	107	
	AR1260	5	5.00	ug/L	100				66	113	
PB168377BS (Column 2)	AR1016	5	4.20	ug/L	84				77	107	
	AR1260	5	4.00	ug/L	80				66	113	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2267 **Analytical Method:** 8082A

Client: PARSONS Engineering of New York, Inc **Datafile :** PO111576.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168377BSD (Column 1)	AR1016	5	4.90	ug/L	98	4			77	107	20
	AR1260	5	5.10	ug/L	102	2			66	113	20
PB168377BSD (Column 2)	AR1016	5	4.30	ug/L	86	2			77	107	20
	AR1260	5	4.10	ug/L	82	2			66	113	20

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168377BL

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2267 SAS No.: Q2267 SDG NO.: Q2267

Lab Sample ID: PB168377BL Lab File ID: PO111574.D

Matrix: (soil/water) WATER Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N Date Extracted: 06/10/2025

Date Analyzed (1): 06/10/2025 Date Analyzed (2): 06/10/2025

Time Analyzed (1): 14:28 Time Analyzed (2): 14:28

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column (1): ZB-MR1 ID: 0.32 (mm) GC Column (2): ZB-MR2 ID: 0.32 (mm)

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB168377BS	PB168377BS	PO111575.D	06/10/2025	06/10/2025
PB168377BSD	PB168377BSD	PO111576.D	06/10/2025	06/10/2025
WC-20250605	Q2267-01	PO111579.D	06/10/2025	06/10/2025

COMMENTS:

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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RETENTION TIMES OF INITIAL CALIBRATION

Contract: PARS02

Lab Code: CHEM **Case No.:** Q2267 **SAS No.:** Q2267 **SDG NO.:** Q2267

Instrument ID: ECD_O **Calibration Date(s):** 05/14/2025 05/15/2025

Calibration Times: 17:19 01:31

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID: RT 1000 = PO111058.D RT 750 = PO111059.D

RT 500 = PO111060.D RT 250 = PO111061.D RT 050 = PO111062.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.77	4.77	4.77	4.77	4.77	4.77	4.67	4.87
Aroclor-1016-2	(2)	4.79	4.79	4.79	4.79	4.79	4.79	4.69	4.89
Aroclor-1016-3	(3)	4.85	4.85	4.85	4.85	4.85	4.85	4.75	4.95
Aroclor-1016-4	(4)	4.97	4.97	4.97	4.97	4.97	4.97	4.87	5.07
Aroclor-1016-5	(5)	5.23	5.23	5.23	5.23	5.23	5.23	5.13	5.33
Aroclor-1260-1	(1)	6.27	6.27	6.27	6.27	6.27	6.27	6.17	6.37
Aroclor-1260-2	(2)	6.46	6.46	6.46	6.46	6.45	6.46	6.36	6.56
Aroclor-1260-3	(3)	6.82	6.82	6.82	6.82	6.82	6.82	6.72	6.92
Aroclor-1260-4	(4)	7.08	7.08	7.08	7.08	7.08	7.08	6.98	7.18
Aroclor-1260-5	(5)	7.33	7.33	7.33	7.32	7.32	7.33	7.23	7.43
Decachlorobiphenyl		8.73	8.73	8.72	8.72	8.72	8.72	8.62	8.82
Tetrachloro-m-xylene		3.68	3.68	3.68	3.68	3.68	3.68	3.58	3.78
Aroclor-1242-1	(1)	4.77	4.77	4.77	4.77	4.77	4.77	4.67	4.87
Aroclor-1242-2	(2)	4.79	4.79	4.79	4.79	4.79	4.79	4.69	4.89
Aroclor-1242-3	(3)	4.85	4.85	4.85	4.85	4.85	4.85	4.75	4.95
Aroclor-1242-4	(4)	4.97	4.97	4.97	4.97	4.97	4.97	4.87	5.07
Aroclor-1242-5	(5)	5.62	5.62	5.62	5.62	5.62	5.62	5.52	5.72
Decachlorobiphenyl		8.72	8.72	8.73	8.72	8.72	8.72	8.62	8.82
Tetrachloro-m-xylene		3.68	3.68	3.68	3.68	3.68	3.68	3.58	3.78
Aroclor-1248-1	(1)	4.77	4.77	4.77	4.77	4.77	4.77	4.67	4.87
Aroclor-1248-2	(2)	5.01	5.01	5.01	5.01	5.01	5.01	4.91	5.11
Aroclor-1248-3	(3)	5.23	5.23	5.23	5.22	5.23	5.23	5.13	5.33
Aroclor-1248-4	(4)	5.58	5.58	5.58	5.58	5.58	5.58	5.48	5.68
Aroclor-1248-5	(5)	5.62	5.62	5.62	5.62	5.62	5.62	5.52	5.72
Decachlorobiphenyl		8.72	8.72	8.72	8.72	8.72	8.72	8.62	8.82
Tetrachloro-m-xylene		3.68	3.68	3.68	3.68	3.68	3.68	3.58	3.78
Aroclor-1254-1	(1)	5.58	5.58	5.58	5.58	5.58	5.58	5.48	5.68
Aroclor-1254-2	(2)	5.73	5.73	5.73	5.73	5.73	5.73	5.63	5.83
Aroclor-1254-3	(3)	6.13	6.13	6.13	6.13	6.13	6.13	6.03	6.23
Aroclor-1254-4	(4)	6.36	6.36	6.36	6.36	6.36	6.36	6.26	6.46
Aroclor-1254-5	(5)	6.78	6.78	6.78	6.78	6.78	6.78	6.68	6.88
Decachlorobiphenyl		8.73	8.73	8.72	8.72	8.72	8.72	8.62	8.82
Tetrachloro-m-xylene		3.68	3.68	3.68	3.68	3.68	3.68	3.58	3.78
Aroclor-1268-1	(1)	7.61	7.61	7.61	7.61	7.61	7.61	7.51	7.71
Aroclor-1268-2	(2)	7.67	7.67	7.67	7.67	7.67	7.67	7.57	7.77
Aroclor-1268-3	(3)	7.88	7.88	7.88	7.88	7.88	7.88	7.78	7.98
Aroclor-1268-4	(4)	8.17	8.17	8.17	8.17	8.17	8.17	8.07	8.27
Aroclor-1268-5	(5)	8.46	8.47	8.47	8.46	8.46	8.46	8.36	8.56

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.72	8.72	8.73	8.72	8.72	8.72	8.62	8.82
Tetrachloro-m-xylene	3.68	3.68	3.68	3.68	3.68	3.68	3.58	3.78

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: PARS02

Lab Code: CHEM **Case No.:** Q2267 **SAS No.:** Q2267 **SDG NO.:** Q2267

Instrument ID: ECD_O **Calibration Date(s):** 05/14/2025 05/15/2025

Calibration Times: 17:19 01:31

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PO111058.D RT 750 = PO111059.D

RT 500 = PO111060.D RT 250 = PO111061.D RT 050 = PO111062.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1016-2	(2)	4.78	4.78	4.78	4.78	4.78	4.78	4.68	4.88
Aroclor-1016-3	(3)	4.95	4.95	4.95	4.95	4.95	4.95	4.85	5.05
Aroclor-1016-4	(4)	5.00	5.00	4.99	4.99	5.00	5.00	4.90	5.10
Aroclor-1016-5	(5)	5.21	5.21	5.21	5.21	5.21	5.21	5.11	5.31
Aroclor-1260-1	(1)	6.24	6.24	6.24	6.24	6.24	6.24	6.14	6.34
Aroclor-1260-2	(2)	6.43	6.43	6.43	6.43	6.43	6.43	6.33	6.53
Aroclor-1260-3	(3)	6.58	6.58	6.58	6.58	6.58	6.58	6.48	6.68
Aroclor-1260-4	(4)	7.05	7.05	7.05	7.05	7.05	7.05	6.95	7.15
Aroclor-1260-5	(5)	7.29	7.29	7.29	7.29	7.29	7.29	7.19	7.39
Decachlorobiphenyl		8.67	8.67	8.67	8.68	8.67	8.67	8.57	8.77
Tetrachloro-m-xylene		3.68	3.68	3.68	3.68	3.68	3.68	3.58	3.78
Aroclor-1242-1	(1)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1242-2	(2)	4.78	4.78	4.78	4.78	4.78	4.78	4.68	4.88
Aroclor-1242-3	(3)	4.95	4.95	4.95	4.95	4.95	4.95	4.85	5.05
Aroclor-1242-4	(4)	5.04	5.04	5.04	5.04	5.04	5.04	4.94	5.14
Aroclor-1242-5	(5)	5.56	5.56	5.56	5.56	5.56	5.56	5.46	5.66
Decachlorobiphenyl		8.67	8.67	8.67	8.67	8.67	8.67	8.57	8.77
Tetrachloro-m-xylene		3.68	3.68	3.68	3.68	3.68	3.68	3.58	3.78
Aroclor-1248-1	(1)	4.76	4.76	4.76	4.77	4.76	4.76	4.66	4.86
Aroclor-1248-2	(2)	5.00	5.00	5.00	5.01	5.00	5.00	4.90	5.10
Aroclor-1248-3	(3)	5.04	5.04	5.04	5.05	5.04	5.04	4.94	5.14
Aroclor-1248-4	(4)	5.21	5.21	5.21	5.22	5.21	5.21	5.11	5.31
Aroclor-1248-5	(5)	5.60	5.60	5.60	5.61	5.60	5.60	5.50	5.70
Decachlorobiphenyl		8.67	8.67	8.68	8.69	8.67	8.68	8.58	8.78
Tetrachloro-m-xylene		3.68	3.68	3.68	3.69	3.68	3.68	3.58	3.78
Aroclor-1254-1	(1)	5.56	5.56	5.56	5.56	5.56	5.56	5.46	5.66
Aroclor-1254-2	(2)	5.71	5.71	5.71	5.71	5.71	5.71	5.61	5.81
Aroclor-1254-3	(3)	6.11	6.11	6.11	6.11	6.11	6.11	6.01	6.21
Aroclor-1254-4	(4)	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Aroclor-1254-5	(5)	6.75	6.75	6.75	6.75	6.75	6.75	6.65	6.85
Decachlorobiphenyl		8.67	8.67	8.67	8.67	8.67	8.67	8.57	8.77
Tetrachloro-m-xylene		3.68	3.68	3.68	3.68	3.68	3.68	3.58	3.78
Aroclor-1268-1	(1)	7.57	7.57	7.57	7.57	7.57	7.57	7.47	7.67
Aroclor-1268-2	(2)	7.64	7.64	7.64	7.64	7.64	7.64	7.54	7.74
Aroclor-1268-3	(3)	7.84	7.84	7.84	7.84	7.84	7.84	7.74	7.94
Aroclor-1268-4	(4)	8.13	8.13	8.13	8.13	8.13	8.13	8.03	8.23
Aroclor-1268-5	(5)	8.42	8.42	8.42	8.42	8.42	8.42	8.32	8.52

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.67	8.67	8.67	8.67	8.67	8.67	8.57	8.77
Tetrachloro-m-xylene	3.68	3.68	3.68	3.68	3.68	3.68	3.58	3.78

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PARS02

Lab Code: CHEM **Case No.:** Q2267 **SAS No.:** Q2267 **SDG NO.:** Q2267

Instrument ID: ECD_O **Calibration Date(s):** 05/14/2025 05/15/2025

Calibration Times: 17:19 01:31

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 1000 =** PO111058.D **CF 750 =** PO111059.D

CF 500 = PO111060.D **CF 250 =** PO111061.D **CF 050 =** PO111062.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	205952128	213833112	226414102	241684928	237394280	225055710	7
Aroclor-1016-2	(2)	293931044	310127113	321220528	340419712	328971000	318933879	6
Aroclor-1016-3	(3)	200116672	210641735	220217832	233629012	221015000	217124050	6
Aroclor-1016-4	(4)	160298181	168708089	176290662	187854588	177589060	174148116	6
Aroclor-1016-5	(5)	161898024	175820952	178167232	187226608	176844020	175991367	5
Aroclor-1260-1	(1)	277561674	293756041	305741896	331877740	315901980	304967866	7
Aroclor-1260-2	(2)	349775279	367746601	383860622	411536992	401831460	382950191	7
Aroclor-1260-3	(3)	317018248	333963835	348833732	373392584	369733400	348588360	7
Aroclor-1260-4	(4)	251785051	267674384	282392668	305806136	292149520	279961552	8
Aroclor-1260-5	(5)	680936092	706872008	727490352	760116820	724090440	719901142	4
Decachlorobiphenyl		4789049460	4988917347	5187039280	5515117840	5334237200	5162872225	6
Tetrachloro-m-xylene		5665666390	5873534533	6010307880	6167763840	5698750600	5883204649	4
Aroclor-1242-1	(1)	176697919	185695675	196416184	207079416	190109540	191199747	6
Aroclor-1242-2	(2)	257720398	267748761	279433570	293144628	262025820	272014635	5
Aroclor-1242-3	(3)	175187474	182923969	192610042	201232700	177980140	185986865	6
Aroclor-1242-4	(4)	140203851	146287348	153093646	159943472	139472860	147800235	6
Aroclor-1242-5	(5)	145186142	152022244	159321518	169027516	152152160	155541916	6
Decachlorobiphenyl		4774382260	4985278507	5225823760	5476782920	5013508400	5095155169	5
Tetrachloro-m-xylene		5680960800	5831614707	6040672820	6174416800	5348804000	5815293825	6
Aroclor-1248-1	(1)	138162515	145942143	153069466	163443424	165211980	153165906	8
Aroclor-1248-2	(2)	182760569	190399631	201027290	214399212	214001160	200517572	7
Aroclor-1248-3	(3)	227450486	238283761	250971210	267719672	295599780	256004982	10
Aroclor-1248-4	(4)	324783137	336810133	356284496	381846900	411181480	362181229	10
Aroclor-1248-5	(5)	233936098	243272008	257408728	275769428	299891040	262055460	10
Decachlorobiphenyl		4861959910	5031694707	5278313240	5604075320	5730172600	5301243155	7
Tetrachloro-m-xylene		5864549650	6045437613	6209272300	6477502560	6275643200	6174481065	4
Aroclor-1254-1	(1)	338668376	359337472	379562628	402119132	418187300	379574982	8
Aroclor-1254-2	(2)	291859728	310115756	327944084	347727744	356229960	326775454	8
Aroclor-1254-3	(3)	475332844	499809000	523764968	549245752	582561520	526142817	8
Aroclor-1254-4	(4)	302105681	318736953	335883014	351987900	371678540	336078418	8
Aroclor-1254-5	(5)	429218631	452008725	475302254	500931908	514812140	474454732	7
Decachlorobiphenyl		4923933440	5141137400	5443620080	5700682920	5862774600	5414429688	7
Tetrachloro-m-xylene		5948877150	6190104627	6408412200	6583454240	6338928400	6293955323	4
Aroclor-1268-1	(1)	930869745	936595251	978341018	1015935428	986319920	969612272	4

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	856384474	860524951	901691384	934576100	909379560	892511294	4
Aroclor-1268-3	(3)	718671507	725558572	764699306	799960100	785246420	758827181	5
Aroclor-1268-4	(4)	311213814	313193287	331181486	347305704	329997080	326578274	5
Aroclor-1268-5	(5)	2117705977	2107339941	2194587578	2235031552	2137458100	2158424630	3
Decachlorobiphenyl		8888535700	9012836760	9503909100	9956674120	9729229000	9418236936	5
Tetrachloro-m-xylene		6171599970	6168104493	6441282720	6673989440	6170217200	6325038765	4

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PARS02

Lab Code: CHEM **Case No.:** Q2267 **SAS No.:** Q2267 **SDG NO.:** Q2267

Instrument ID: ECD_O **Calibration Date(s):** 05/14/2025 05/15/2025

Calibration Times: 17:19 01:31

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 1000 =** PO111058.D **CF 750 =** PO111059.D

CF 500 = PO111060.D **CF 250 =** PO111061.D **CF 050 =** PO111062.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	175951340	184131151	190391494	201135208	203027340	190927307	6
Aroclor-1016-2	(2)	259304006	268965180	279695444	293662868	283996940	277124888	5
Aroclor-1016-3	(3)	136562816	142759844	148101780	155422472	147528240	146075030	5
Aroclor-1016-4	(4)	108537077	112835540	120886250	129636068	128548860	120088759	8
Aroclor-1016-5	(5)	141286439	151385859	154206636	161907480	163215520	154400387	6
Aroclor-1260-1	(1)	230380518	239225432	248869338	264781264	266186040	249888518	6
Aroclor-1260-2	(2)	272772980	284661173	294194664	310691584	309118120	294287704	5
Aroclor-1260-3	(3)	260160385	271476124	281551496	303268832	317136960	286718759	8
Aroclor-1260-4	(4)	184546577	192670083	200645580	215256196	210698140	200763315	6
Aroclor-1260-5	(5)	441090120	451615468	461646416	479352764	464333260	459607606	3
Decachlorobiphenyl		1699216120	1787921307	1869222220	1982547480	1911821600	1850145745	6
Tetrachloro-m-xylene		5406429520	5548905467	5601909540	5641328400	5058606000	5451435785	4
Aroclor-1242-1	(1)	150759764	157292616	165241112	172974524	159265900	161106783	5
Aroclor-1242-2	(2)	223621907	231686419	240612100	250441092	226668900	234606084	5
Aroclor-1242-3	(3)	118098683	122379071	128101210	133446692	116067680	123618667	6
Aroclor-1242-4	(4)	114724574	119985329	127001834	134027396	122337120	123615251	6
Aroclor-1242-5	(5)	142391198	148226844	155505330	163277824	150532140	151986667	5
Decachlorobiphenyl		1649752350	1732528187	1806674400	1933059040	1771454800	1778693755	6
Tetrachloro-m-xylene		5396035140	5504454880	5603860600	5606837360	4728358600	5367909316	7
Aroclor-1248-1	(1)	116677575	122377953	128716756	138512244	142355880	129728082	8
Aroclor-1248-2	(2)	159784658	166591041	175162942	187618608	190301260	175891702	7
Aroclor-1248-3	(3)	169685896	176680541	185649606	199757956	206297360	187614272	8
Aroclor-1248-4	(4)	198935902	206440528	216987222	226820008	250016460	219840024	9
Aroclor-1248-5	(5)	198293592	205844156	215149564	228236984	244101860	218325231	8
Decachlorobiphenyl		1675757640	1739961147	1894631500	1998157320	2119618200	1885625161	10
Tetrachloro-m-xylene		5392118780	5499156400	5577007680	5634478280	5189850400	5458522308	3
Aroclor-1254-1	(1)	294845056	308276565	323607480	339068536	354395480	324038623	7
Aroclor-1254-2	(2)	254192198	266619067	281454614	297953104	316004460	283244689	9
Aroclor-1254-3	(3)	400479051	415178477	433542960	448248844	459811580	431452182	6
Aroclor-1254-4	(4)	228881544	238106540	250287146	259634416	259809520	247343833	6
Aroclor-1254-5	(5)	318351803	329524227	344594700	358702264	378528780	345940355	7
Decachlorobiphenyl		1730307610	1804634267	1900572880	2018627520	2049052800	1900639015	7
Tetrachloro-m-xylene		5453750800	5591916973	5732062480	5726435600	5385705600	5577974291	3
Aroclor-1268-1	(1)	505658591	508360996	529570342	550274560	556601860	530093270	4

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	460495321	464888113	483851588	503248308	499197120	482336090	4
Aroclor-1268-3	(3)	328655790	333834055	349506788	366413796	363835440	348449174	5
Aroclor-1268-4	(4)	119697414	122740856	130580600	138639360	124687920	127269230	6
Aroclor-1268-5	(5)	727936615	731233425	757715258	780322444	766884820	752818512	3
Decachlorobiphenyl		3022618140	3077226480	3258756880	3437439920	3301382200	3219484724	5
Tetrachloro-m-xylene		5636439670	5594566640	5754942040	5800136080	5153076200	5587832126	5

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PARS02

Lab Code: CHEM **Case No.:** Q2267 **SAS No.:** Q2267 **SDG NO.:** Q2267

Instrument ID: ECD_O **Date(s) Analyzed:** 05/14/2025 05/15/2025

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.90	3.80	4.00	87106400
		2	3.98	3.88	4.08	63703800
		3	4.06	3.96	4.16	192327000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.06	3.96	4.16	153174000
		2	4.55	4.45	4.65	81946400
		3	4.79	4.69	4.89	152927000
		4	4.97	4.87	5.07	82251400
		5	5.01	4.91	5.11	54259200
Aroclor-1262	500	1	6.82	6.72	6.92	486664000
		2	7.33	7.23	7.43	808494000
		3	7.61	7.51	7.71	338264000
		4	7.67	7.57	7.77	590414000
		5	8.17	8.07	8.27	285216000

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PARS02

Lab Code: CHEM **Case No.:** Q2267 **SAS No.:** Q2267 **SDG NO.:** Q2267

Instrument ID: ECD_O **Date(s) Analyzed:** 05/14/2025 05/15/2025

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.89	3.79	3.99	73843000
		2	3.98	3.88	4.08	54414200
		3	4.05	3.95	4.15	167101000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.05	3.95	4.15	130595000
		2	4.78	4.68	4.88	131160000
		3	4.95	4.85	5.05	68071600
		4	5.04	4.94	5.14	61676400
		5	5.21	5.11	5.31	65732600
Aroclor-1262	500	1	6.79	6.69	6.89	340780000
		2	7.29	7.19	7.39	502862000
		3	7.57	7.47	7.67	187635000
		4	7.64	7.54	7.74	330230000
		5	8.13	8.03	8.23	112306000

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CALIBRATION VERIFICATION SUMMARY

Contract: PARS02

Lab Code: CHEM **Case No.:** Q2267 **SAS No.:** Q2267 **SDG NO.:** Q2267

Continuing Calib Date: 06/10/2025 **Initial Calibration Date(s):** 05/14/2025 05/15/2025

Continuing Calib Time: 10:26 **Initial Calibration Time(s):** 17:19 01:31

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.77	4.77	4.67	4.87	0.00
Aroclor-1016-2	(2)	4.79	4.79	4.69	4.89	0.00
Aroclor-1016-3	(3)	4.85	4.85	4.75	4.95	0.00
Aroclor-1016-4	(4)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.27	6.27	6.17	6.37	0.01
Aroclor-1260-2	(2)	6.46	6.46	6.36	6.56	0.01
Aroclor-1260-3	(3)	6.82	6.82	6.72	6.92	0.00
Aroclor-1260-4	(4)	7.08	7.08	6.98	7.18	0.00
Aroclor-1260-5	(5)	7.33	7.33	7.23	7.43	0.01
Tetrachloro-m-xylene		3.68	3.68	3.58	3.78	0.00
Decachlorobiphenyl		8.72	8.72	8.62	8.82	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: PARS02

Lab Code: CHEM **Case No.:** Q2267 **SAS No.:** Q2267 **SDG NO.:** Q2267

Continuing Calib Date: 06/10/2025 **Initial Calibration Date(s):** 05/14/2025 05/15/2025

Continuing Calib Time: 10:26 **Initial Calibration Time(s):** 17:19 01:31

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-2	(2)	4.77	4.78	4.68	4.88	0.01
Aroclor-1016-3	(3)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-4	(4)	4.99	4.99	4.89	5.09	0.00
Aroclor-1016-5	(5)	5.20	5.21	5.11	5.31	0.01
Aroclor-1260-1	(1)	6.23	6.24	6.14	6.34	0.01
Aroclor-1260-2	(2)	6.42	6.43	6.33	6.53	0.01
Aroclor-1260-3	(3)	6.57	6.58	6.48	6.68	0.01
Aroclor-1260-4	(4)	7.04	7.05	6.95	7.15	0.01
Aroclor-1260-5	(5)	7.29	7.29	7.19	7.39	0.01
Tetrachloro-m-xylene		3.68	3.68	3.58	3.78	0.01
Decachlorobiphenyl		8.67	8.67	8.57	8.77	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: PARS02

Lab Code: CHEM **Case No.:** Q2267 **SAS No.:** Q2267 **SDG NO.:** Q2267

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 05/14/2025 05/14/2025

Client Sample No.: CCAL01 **Date Analyzed:** 06/10/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO111569.D **Time Analyzed:** 10:26

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.773	4.673	4.873	543.730	500.000	8.7
Aroclor-1016-2	4.792	4.692	4.892	544.840	500.000	9.0
Aroclor-1016-3	4.849	4.749	4.949	556.420	500.000	11.3
Aroclor-1016-4	4.968	4.869	5.069	554.460	500.000	10.9
Aroclor-1016-5	5.227	5.126	5.326	561.910	500.000	12.4
Aroclor-1260-1	6.265	6.166	6.366	579.850	500.000	16.0
Aroclor-1260-2	6.455	6.355	6.555	612.830	500.000	22.6
Aroclor-1260-3	6.822	6.722	6.922	607.480	500.000	21.5
Aroclor-1260-4	7.082	6.983	7.183	553.840	500.000	10.8
Aroclor-1260-5	7.325	7.225	7.425	555.070	500.000	11.0
Decachlorobiphenyl	8.724	8.624	8.824	47.480	50.000	-5.0
Tetrachloro-m-xylene	3.684	3.582	3.782	51.920	50.000	3.8

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CALIBRATION VERIFICATION SUMMARY

Contract: PARS02

Lab Code: CHEM **Case No.:** Q2267 **SAS No.:** Q2267 **SDG NO.:** Q2267

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 05/14/2025 05/14/2025

Client Sample No.: CCAL01 **Date Analyzed:** 06/10/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO111569.D **Time Analyzed:** 10:26

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.754	4.658	4.858	486.180	500.000	-2.8
Aroclor-1016-2	4.772	4.677	4.877	497.080	500.000	-0.6
Aroclor-1016-3	4.948	4.852	5.052	496.220	500.000	-0.8
Aroclor-1016-4	4.990	4.894	5.094	492.820	500.000	-1.4
Aroclor-1016-5	5.202	5.107	5.307	489.370	500.000	-2.1
Aroclor-1260-1	6.233	6.138	6.338	492.100	500.000	-1.6
Aroclor-1260-2	6.421	6.326	6.526	493.500	500.000	-1.3
Aroclor-1260-3	6.573	6.479	6.679	456.330	500.000	-8.7
Aroclor-1260-4	7.044	6.949	7.149	473.200	500.000	-5.4
Aroclor-1260-5	7.285	7.191	7.391	468.180	500.000	-6.4
Decachlorobiphenyl	8.668	8.574	8.774	44.690	50.000	-10.6
Tetrachloro-m-xylene	3.675	3.579	3.779	50.650	50.000	1.3

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CALIBRATION VERIFICATION SUMMARY

Contract: PARS02

Lab Code: CHEM **Case No.:** Q2267 **SAS No.:** Q2267 **SDG NO.:** Q2267

Continuing Calib Date: 06/10/2025 **Initial Calibration Date(s):** 05/14/2025 05/15/2025

Continuing Calib Time: 17:04 **Initial Calibration Time(s):** 17:19 01:31

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.77	4.77	4.67	4.87	0.01
Aroclor-1016-2	(2)	4.78	4.79	4.69	4.89	0.01
Aroclor-1016-3	(3)	4.84	4.85	4.75	4.95	0.01
Aroclor-1016-4	(4)	4.96	4.97	4.87	5.07	0.01
Aroclor-1016-5	(5)	5.22	5.23	5.13	5.33	0.01
Aroclor-1260-1	(1)	6.26	6.27	6.17	6.37	0.01
Aroclor-1260-2	(2)	6.45	6.46	6.36	6.56	0.01
Aroclor-1260-3	(3)	6.81	6.82	6.72	6.92	0.01
Aroclor-1260-4	(4)	7.07	7.08	6.98	7.18	0.01
Aroclor-1260-5	(5)	7.32	7.33	7.23	7.43	0.01
Tetrachloro-m-xylene		3.68	3.68	3.58	3.78	0.00
Decachlorobiphenyl		8.71	8.72	8.62	8.82	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: PARS02

Lab Code: CHEM **Case No.:** Q2267 **SAS No.:** Q2267 **SDG NO.:** Q2267

Continuing Calib Date: 06/10/2025 **Initial Calibration Date(s):** 05/14/2025 05/15/2025

Continuing Calib Time: 17:04 **Initial Calibration Time(s):** 17:19 01:31

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-2	(2)	4.77	4.78	4.68	4.88	0.01
Aroclor-1016-3	(3)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-4	(4)	4.99	4.99	4.89	5.09	0.00
Aroclor-1016-5	(5)	5.20	5.21	5.11	5.31	0.01
Aroclor-1260-1	(1)	6.23	6.24	6.14	6.34	0.01
Aroclor-1260-2	(2)	6.42	6.43	6.33	6.53	0.01
Aroclor-1260-3	(3)	6.57	6.58	6.48	6.68	0.01
Aroclor-1260-4	(4)	7.04	7.05	6.95	7.15	0.01
Aroclor-1260-5	(5)	7.28	7.29	7.19	7.39	0.01
Tetrachloro-m-xylene		3.68	3.68	3.58	3.78	0.01
Decachlorobiphenyl		8.66	8.67	8.57	8.77	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: PARS02

Lab Code: CHEM **Case No.:** Q2267 **SAS No.:** Q2267 **SDG NO.:** Q2267

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 05/14/2025 05/14/2025

Client Sample No.: CCAL02 **Date Analyzed:** 06/10/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO111580.D **Time Analyzed:** 17:04

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.765	4.673	4.873	533.610	500.000	6.7
Aroclor-1016-2	4.784	4.692	4.892	537.930	500.000	7.6
Aroclor-1016-3	4.841	4.749	4.949	542.340	500.000	8.5
Aroclor-1016-4	4.960	4.869	5.069	545.430	500.000	9.1
Aroclor-1016-5	5.217	5.126	5.326	567.340	500.000	13.5
Aroclor-1260-1	6.256	6.166	6.366	588.500	500.000	17.7
Aroclor-1260-2	6.446	6.355	6.555	611.860	500.000	22.4
Aroclor-1260-3	6.813	6.722	6.922	603.330	500.000	20.7
Aroclor-1260-4	7.072	6.983	7.183	552.320	500.000	10.5
Aroclor-1260-5	7.315	7.225	7.425	559.270	500.000	11.9
Decachlorobiphenyl	8.712	8.624	8.824	47.210	50.000	-5.6
Tetrachloro-m-xylene	3.677	3.582	3.782	50.760	50.000	1.5

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CALIBRATION VERIFICATION SUMMARY

Contract: PARS02

Lab Code: CHEM **Case No.:** Q2267 **SAS No.:** Q2267 **SDG NO.:** Q2267

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 05/14/2025 05/14/2025

Client Sample No.: CCAL02 **Date Analyzed:** 06/10/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO111580.D **Time Analyzed:** 17:04

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.753	4.658	4.858	499.890	500.000	0.0
Aroclor-1016-2	4.771	4.677	4.877	501.590	500.000	0.3
Aroclor-1016-3	4.946	4.852	5.052	495.710	500.000	-0.9
Aroclor-1016-4	4.989	4.894	5.094	459.850	500.000	-8.0
Aroclor-1016-5	5.201	5.107	5.307	501.140	500.000	0.2
Aroclor-1260-1	6.230	6.138	6.338	491.800	500.000	-1.6
Aroclor-1260-2	6.419	6.326	6.526	491.220	500.000	-1.8
Aroclor-1260-3	6.570	6.479	6.679	452.850	500.000	-9.4
Aroclor-1260-4	7.041	6.949	7.149	459.980	500.000	-8.0
Aroclor-1260-5	7.282	7.191	7.391	449.980	500.000	-10.0
Decachlorobiphenyl	8.663	8.574	8.774	44.710	50.000	-10.6
Tetrachloro-m-xylene	3.675	3.579	3.779	51.630	50.000	3.3

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Analytical Sequence

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

Project: Con Ed Non MGP – Atlantic Ave 453957.600(**Instrument ID:** ECD_O

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 05/14/2025 05/14/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	05/14/2025	17:01	PO111057.D	8.72	3.68
AR1660ICC1000	AR1660ICC1000	05/14/2025	17:19	PO111058.D	8.73	3.68
AR1660ICC750	AR1660ICC750	05/14/2025	17:38	PO111059.D	8.73	3.68
AR1660ICC500	AR1660ICC500	05/14/2025	17:56	PO111060.D	8.72	3.68
AR1660ICC250	AR1660ICC250	05/14/2025	18:15	PO111061.D	8.72	3.68
AR1660ICC050	AR1660ICC050	05/14/2025	18:33	PO111062.D	8.72	3.68
AR1221ICC500	AR1221ICC500	05/14/2025	18:51	PO111063.D	8.72	3.68
AR1232ICC500	AR1232ICC500	05/14/2025	19:10	PO111064.D	8.72	3.68
AR1242ICC1000	AR1242ICC1000	05/14/2025	19:28	PO111065.D	8.72	3.68
AR1242ICC750	AR1242ICC750	05/14/2025	19:46	PO111066.D	8.72	3.68
AR1242ICC500	AR1242ICC500	05/14/2025	20:05	PO111067.D	8.73	3.68
AR1242ICC250	AR1242ICC250	05/14/2025	20:23	PO111068.D	8.72	3.68
AR1242ICC050	AR1242ICC050	05/14/2025	20:41	PO111069.D	8.72	3.68
AR1248ICC1000	AR1248ICC1000	05/14/2025	21:00	PO111070.D	8.72	3.68
AR1248ICC750	AR1248ICC750	05/14/2025	21:18	PO111071.D	8.72	3.68
AR1248ICC500	AR1248ICC500	05/14/2025	21:37	PO111072.D	8.72	3.68
AR1248ICC250	AR1248ICC250	05/14/2025	21:54	PO111073.D	8.72	3.68
AR1248ICC050	AR1248ICC050	05/14/2025	22:12	PO111074.D	8.72	3.68
AR1254ICC1000	AR1254ICC1000	05/14/2025	22:31	PO111075.D	8.73	3.68
AR1254ICC750	AR1254ICC750	05/14/2025	22:49	PO111076.D	8.73	3.68
AR1254ICC500	AR1254ICC500	05/14/2025	23:06	PO111077.D	8.72	3.68
AR1254ICC250	AR1254ICC250	05/14/2025	23:25	PO111078.D	8.72	3.68
AR1254ICC050	AR1254ICC050	05/14/2025	23:43	PO111079.D	8.72	3.68
AR1262ICC500	AR1262ICC500	05/15/2025	00:01	PO111080.D	8.73	3.68
AR1268ICC1000	AR1268ICC1000	05/15/2025	00:19	PO111081.D	8.72	3.68
AR1268ICC750	AR1268ICC750	05/15/2025	00:37	PO111082.D	8.72	3.68
AR1268ICC500	AR1268ICC500	05/15/2025	00:56	PO111083.D	8.73	3.68
AR1268ICC250	AR1268ICC250	05/15/2025	01:14	PO111084.D	8.72	3.68
AR1268ICC050	AR1268ICC050	05/15/2025	01:31	PO111085.D	8.72	3.68
AR1660CCC500	AR1660CCC500	06/10/2025	10:26	PO111569.D	8.72	3.68
I.BLK	I.BLK	06/10/2025	11:39	PO111573.D	8.72	3.68
PB168377BL	PB168377BL	06/10/2025	14:28	PO111574.D	8.72	3.68
PB168377BS	PB168377BS	06/10/2025	14:47	PO111575.D	8.72	3.68
PB168377BSD	PB168377BSD	06/10/2025	15:05	PO111576.D	8.72	3.68
WC-20250605	Q2267-01	06/10/2025	16:00	PO111579.D	8.71	3.68
AR1660CCC500	AR1660CCC500	06/10/2025	17:04	PO111580.D	8.71	3.68
I.BLK	I.BLK	06/10/2025	18:32	PO111584.D	8.71	3.68

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Analytical Sequence

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

Project: Con Ed Non MGP – Atlantic Ave 453957.600(**Instrument ID:** ECD_O

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 05/14/2025 05/14/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	05/14/2025	17:01	PO111057.D	8.67	3.68
AR1660ICC1000	AR1660ICC1000	05/14/2025	17:19	PO111058.D	8.67	3.68
AR1660ICC750	AR1660ICC750	05/14/2025	17:38	PO111059.D	8.67	3.68
AR1660ICC500	AR1660ICC500	05/14/2025	17:56	PO111060.D	8.67	3.68
AR1660ICC250	AR1660ICC250	05/14/2025	18:15	PO111061.D	8.68	3.68
AR1660ICC050	AR1660ICC050	05/14/2025	18:33	PO111062.D	8.67	3.68
AR1221ICC500	AR1221ICC500	05/14/2025	18:51	PO111063.D	8.67	3.68
AR1232ICC500	AR1232ICC500	05/14/2025	19:10	PO111064.D	8.68	3.68
AR1242ICC1000	AR1242ICC1000	05/14/2025	19:28	PO111065.D	8.67	3.68
AR1242ICC750	AR1242ICC750	05/14/2025	19:46	PO111066.D	8.67	3.68
AR1242ICC500	AR1242ICC500	05/14/2025	20:05	PO111067.D	8.67	3.68
AR1242ICC250	AR1242ICC250	05/14/2025	20:23	PO111068.D	8.67	3.68
AR1242ICC050	AR1242ICC050	05/14/2025	20:41	PO111069.D	8.67	3.68
AR1248ICC1000	AR1248ICC1000	05/14/2025	21:00	PO111070.D	8.67	3.68
AR1248ICC750	AR1248ICC750	05/14/2025	21:18	PO111071.D	8.67	3.68
AR1248ICC500	AR1248ICC500	05/14/2025	21:37	PO111072.D	8.68	3.68
AR1248ICC250	AR1248ICC250	05/14/2025	21:54	PO111073.D	8.69	3.69
AR1248ICC050	AR1248ICC050	05/14/2025	22:12	PO111074.D	8.67	3.68
AR1254ICC1000	AR1254ICC1000	05/14/2025	22:31	PO111075.D	8.67	3.68
AR1254ICC750	AR1254ICC750	05/14/2025	22:49	PO111076.D	8.67	3.68
AR1254ICC500	AR1254ICC500	05/14/2025	23:06	PO111077.D	8.67	3.68
AR1254ICC250	AR1254ICC250	05/14/2025	23:25	PO111078.D	8.67	3.68
AR1254ICC050	AR1254ICC050	05/14/2025	23:43	PO111079.D	8.67	3.68
AR1262ICC500	AR1262ICC500	05/15/2025	00:01	PO111080.D	8.67	3.68
AR1268ICC1000	AR1268ICC1000	05/15/2025	00:19	PO111081.D	8.67	3.68
AR1268ICC750	AR1268ICC750	05/15/2025	00:37	PO111082.D	8.67	3.68
AR1268ICC500	AR1268ICC500	05/15/2025	00:56	PO111083.D	8.67	3.68
AR1268ICC250	AR1268ICC250	05/15/2025	01:14	PO111084.D	8.67	3.68
AR1268ICC050	AR1268ICC050	05/15/2025	01:31	PO111085.D	8.67	3.68
AR1660CCC500	AR1660CCC500	06/10/2025	10:26	PO111569.D	8.67	3.68
I.BLK	I.BLK	06/10/2025	11:39	PO111573.D	8.67	3.68
PB168377BL	PB168377BL	06/10/2025	14:28	PO111574.D	8.66	3.67
PB168377BS	PB168377BS	06/10/2025	14:47	PO111575.D	8.66	3.68
PB168377BSD	PB168377BSD	06/10/2025	15:05	PO111576.D	8.67	3.68
WC-20250605	Q2267-01	06/10/2025	16:00	PO111579.D	8.66	3.68
AR1660CCC500	AR1660CCC500	06/10/2025	17:04	PO111580.D	8.66	3.68
I.BLK	I.BLK	06/10/2025	18:32	PO111584.D	8.67	3.68

QC SAMPLE DATA

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	
Client Sample ID:	PB168377BL	SDG No.:	Q2267
Lab Sample ID:	PB168377BL	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111574.D	1	06/10/25 09:00	06/10/25 14:28	PB168377

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.5		30 - 173	118%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.1		10 - 173	111%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	05/14/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	05/14/25
Client Sample ID:	PIBLK-PO111057.D	SDG No.:	Q2267
Lab Sample ID:	I.BLK-PO111057.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111057.D	1		05/14/25	PO051525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.4		60 - 140	77%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.5		60 - 140	87%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/10/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/10/25
Client Sample ID:	PIBLK-PO111573.D	SDG No.:	Q2267
Lab Sample ID:	I.BLK-PO111573.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111573.D	1		06/10/25	po061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.0		60 - 140	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.4		60 - 140	97%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/10/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/10/25
Client Sample ID:	PIBLK-PO111584.D	SDG No.:	Q2267
Lab Sample ID:	I.BLK-PO111584.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111584.D	1		06/10/25	po061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.9		60 - 140	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.2		60 - 140	96%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	
Client Sample ID:	PB168377BS	SDG No.:	Q2267
Lab Sample ID:	PB168377BS	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111575.D	1	06/10/25 09:00	06/10/25 14:47	PB168377

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	4.70		0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	5.00		0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.8		30 - 173	109%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.1		10 - 173	111%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	
Client Sample ID:	PB168377BSD	SDG No.:	Q2267
Lab Sample ID:	PB168377BSD	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111576.D	1	06/10/25 09:00	06/10/25 15:05	PB168377

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	4.90		0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	5.10		0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.2		30 - 173	106%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.0		10 - 173	110%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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

LAB CHRONICLE

OrderID:	Q2267	**OrderDate:**	6/6/2025 2:17:00 PM
Client:	PARSONS Engineering of New York, Inc.	**Project:**	Con Ed Non MGP – Atlantic Ave 453957.600024.05
Contact:	Stephen Liberatore	**Location:**	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2267-01	**WC-20250605**	**TCLP**			**06/05/25**			**06/06/25**
			TCLP ICP Metals	6010D		06/11/25	06/11/25	
			TCLP Mercury	7470A		06/11/25	06/12/25	

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

SDG No.:	Q2267	**Order ID:**	Q2267
Client:	PARSONS Engineering of New York, Inc.	**Project ID:**	Con Ed Non MGP – Atlantic Ave 453957.6(

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								

SAMPLE DATA

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	WC-20250605	SDG No.:	Q2267
Lab Sample ID:	Q2267-01	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	25.6	U	1	25.6	100	ug/L	06/11/25 12:30	06/11/25 18:00	6010D	SW3050
7440-39-3	Barium	72.8	U	1	72.8	500	ug/L	06/11/25 12:30	06/11/25 18:00	6010D	SW3050
7440-43-9	Cadmium	2.50	U	1	2.50	30.0	ug/L	06/11/25 12:30	06/11/25 18:00	6010D	SW3050
7440-47-3	Chromium	10.6	U	1	10.6	50.0	ug/L	06/11/25 12:30	06/11/25 18:00	6010D	SW3050
7439-92-1	Lead	11.5	U	1	11.5	60.0	ug/L	06/11/25 12:30	06/11/25 18:00	6010D	SW3050
7439-97-6	Mercury	0.76	UN	1	0.76	2.00	ug/L	06/11/25 16:00	06/12/25 10:59	7470A	
7782-49-2	Selenium	48.2	U	1	48.2	100	ug/L	06/11/25 12:30	06/11/25 18:00	6010D	SW3050
7440-22-4	Silver	8.10	U	1	8.10	50.0	ug/L	06/11/25 12:30	06/11/25 18:00	6010D	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	TCLP METALS				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

METAL CALIBRATION DATA

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

Contract: PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV35	Mercury	4.01	4.0	100	90 - 110	CV	06/12/2025	10:12	LB136124

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

Contract: PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV30	Mercury	4.64	5.0	93	90 - 110	CV	06/12/2025	10:16	LB136124
CCV31	Mercury	5.04	5.0	101	90 - 110	CV	06/12/2025	10:50	LB136124
CCV32	Mercury	4.71	5.0	94	90 - 110	CV	06/12/2025	11:17	LB136124
CCV33	Mercury	4.79	5.0	96	90 - 110	CV	06/12/2025	11:38	LB136124
CCV34	Mercury	4.89	5.0	98	90 - 110	CV	06/12/2025	11:58	LB136124

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

Contract: PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Arsenic	3730	4000	93	90 - 110	P	06/11/2025	13:53	LB136119
	Barium	7690	8000	96	90 - 110	P	06/11/2025	13:53	LB136119
	Cadmium	1850	2000	92	90 - 110	P	06/11/2025	13:53	LB136119
	Chromium	765	800	96	90 - 110	P	06/11/2025	13:53	LB136119
	Lead	3710	4000	93	90 - 110	P	06/11/2025	13:53	LB136119
	Selenium	3770	4000	94	90 - 110	P	06/11/2025	13:53	LB136119
	Silver	940	1000	94	90 - 110	P	06/11/2025	13:53	LB136119

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

Contract: PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Arsenic	20.1	20.0	100	80 - 120	P	06/11/2025	13:57	LB136119
	Barium	92.8	100	93	80 - 120	P	06/11/2025	13:57	LB136119
	Cadmium	4.84	6.0	81	80 - 120	P	06/11/2025	13:57	LB136119
	Chromium	9.73	10.0	97	80 - 120	P	06/11/2025	13:57	LB136119
	Lead	10.8	12.0	90	80 - 120	P	06/11/2025	13:57	LB136119
	Selenium	20.8	20.0	104	80 - 120	P	06/11/2025	13:57	LB136119
	Silver	9.82	10.0	98	80 - 120	P	06/11/2025	13:57	LB136119

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

Contract: PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Arsenic	4970	5000	99	90 - 110	P	06/11/2025	14:42	LB136119
	Barium	10000	10000	100	90 - 110	P	06/11/2025	14:42	LB136119
	Cadmium	2420	2500	97	90 - 110	P	06/11/2025	14:42	LB136119
	Chromium	991	1000	99	90 - 110	P	06/11/2025	14:42	LB136119
	Lead	4910	5000	98	90 - 110	P	06/11/2025	14:42	LB136119
	Selenium	4970	5000	99	90 - 110	P	06/11/2025	14:42	LB136119
	Silver	1240	1250	99	90 - 110	P	06/11/2025	14:42	LB136119
CCV02	Arsenic	4770	5000	95	90 - 110	P	06/11/2025	16:33	LB136119
	Barium	9770	10000	98	90 - 110	P	06/11/2025	16:33	LB136119
	Cadmium	2430	2500	97	90 - 110	P	06/11/2025	16:33	LB136119
	Chromium	963	1000	96	90 - 110	P	06/11/2025	16:33	LB136119
	Lead	4870	5000	97	90 - 110	P	06/11/2025	16:33	LB136119
	Selenium	4780	5000	96	90 - 110	P	06/11/2025	16:33	LB136119
	Silver	1210	1250	96	90 - 110	P	06/11/2025	16:33	LB136119
CCV03	Arsenic	4820	5000	96	90 - 110	P	06/11/2025	17:27	LB136119
	Barium	9760	10000	98	90 - 110	P	06/11/2025	17:27	LB136119
	Cadmium	2440	2500	98	90 - 110	P	06/11/2025	17:27	LB136119
	Chromium	946	1000	95	90 - 110	P	06/11/2025	17:27	LB136119
	Lead	4890	5000	98	90 - 110	P	06/11/2025	17:27	LB136119
	Selenium	4850	5000	97	90 - 110	P	06/11/2025	17:27	LB136119
	Silver	1190	1250	95	90 - 110	P	06/11/2025	17:27	LB136119
CCV04	Arsenic	4860	5000	97	90 - 110	P	06/11/2025	18:21	LB136119
	Barium	9950	10000	100	90 - 110	P	06/11/2025	18:21	LB136119
	Cadmium	2440	2500	98	90 - 110	P	06/11/2025	18:21	LB136119
	Chromium	959	1000	96	90 - 110	P	06/11/2025	18:21	LB136119
	Lead	4920	5000	98	90 - 110	P	06/11/2025	18:21	LB136119
	Selenium	4900	5000	98	90 - 110	P	06/11/2025	18:21	LB136119
	Silver	1220	1250	98	90 - 110	P	06/11/2025	18:21	LB136119
CCV05	Arsenic	4810	5000	96	90 - 110	P	06/11/2025	19:09	LB136119
	Barium	9920	10000	99	90 - 110	P	06/11/2025	19:09	LB136119
	Cadmium	2400	2500	96	90 - 110	P	06/11/2025	19:09	LB136119
	Chromium	950	1000	95	90 - 110	P	06/11/2025	19:09	LB136119
	Lead	4840	5000	97	90 - 110	P	06/11/2025	19:09	LB136119
	Selenium	4840	5000	97	90 - 110	P	06/11/2025	19:09	LB136119

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

Contract: PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Silver	1210	1250	97	90 - 110	P	06/11/2025	19:09	LB136119
CCV06	Arsenic	4810	5000	96	90 - 110	P	06/11/2025	20:06	LB136119
	Barium	9790	10000	98	90 - 110	P	06/11/2025	20:06	LB136119
	Cadmium	2450	2500	98	90 - 110	P	06/11/2025	20:06	LB136119
	Chromium	967	1000	97	90 - 110	P	06/11/2025	20:06	LB136119
	Lead	4930	5000	99	90 - 110	P	06/11/2025	20:06	LB136119
	Selenium	4810	5000	96	90 - 110	P	06/11/2025	20:06	LB136119
	Silver	1210	1250	97	90 - 110	P	06/11/2025	20:06	LB136119

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CRDL STANDARD FOR AA & ICP

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

Contract: PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Arsenic	18.7	20.0	94	65 - 135	P	06/11/2025	14:07	LB136119
	Barium	89.9	100	90	65 - 135	P	06/11/2025	14:07	LB136119
	Cadmium	4.63	6.0	77	65 - 135	P	06/11/2025	14:07	LB136119
	Chromium	9.42	10.0	94	65 - 135	P	06/11/2025	14:07	LB136119
	Lead	9.92	12.0	83	65 - 135	P	06/11/2025	14:07	LB136119
	Selenium	20.1	20.0	101	65 - 135	P	06/11/2025	14:07	LB136119
	Silver	9.93	10.0	99	65 - 135	P	06/11/2025	14:07	LB136119
CRA	Mercury	0.19	0.2	93	70 - 130	CV	06/12/2025	10:21	LB136124

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

Contract: PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB35	Mercury	0.076	+/-0.2	U	0.20	CV	06/12/2025	10:14	LB136124

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

Contract: PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB30	Mercury	0.076	+/-0.2	U	0.20	CV	06/12/2025	10:19	LB136124
CCB31	Mercury	0.076	+/-0.2	U	0.20	CV	06/12/2025	10:52	LB136124
CCB32	Mercury	0.076	+/-0.2	U	0.20	CV	06/12/2025	11:20	LB136124
CCB33	Mercury	0.076	+/-0.2	U	0.20	CV	06/12/2025	11:40	LB136124
CCB34	Mercury	0.076	+/-0.2	U	0.20	CV	06/12/2025	12:01	LB136124

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

Contract: PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Arsenic	5.12	+/-10	U	20.0	P	06/11/2025	14:03	LB136119
	Barium	14.6	+/-50	U	100	P	06/11/2025	14:03	LB136119
	Cadmium	0.50	+/-3	U	6.00	P	06/11/2025	14:03	LB136119
	Chromium	2.12	+/-5	U	10.0	P	06/11/2025	14:03	LB136119
	Lead	2.30	+/-6	U	12.0	P	06/11/2025	14:03	LB136119
	Selenium	9.64	+/-10	U	20.0	P	06/11/2025	14:03	LB136119
	Silver	1.62	+/-5	U	10.0	P	06/11/2025	14:03	LB136119

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

Contract: PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Arsenic	5.12	+/-10	U	20.0	P	06/11/2025	14:46	LB136119
	Barium	14.6	+/-50	U	100	P	06/11/2025	14:46	LB136119
	Cadmium	0.50	+/-3	U	6.00	P	06/11/2025	14:46	LB136119
	Chromium	2.12	+/-5	U	10.0	P	06/11/2025	14:46	LB136119
	Lead	2.30	+/-6	U	12.0	P	06/11/2025	14:46	LB136119
	Selenium	9.64	+/-10	U	20.0	P	06/11/2025	14:46	LB136119
	Silver	1.62	+/-5	U	10.0	P	06/11/2025	14:46	LB136119
CCB02	Arsenic	5.12	+/-10	U	20.0	P	06/11/2025	16:44	LB136119
	Barium	14.6	+/-50	U	100	P	06/11/2025	16:44	LB136119
	Cadmium	0.50	+/-3	U	6.00	P	06/11/2025	16:44	LB136119
	Chromium	2.12	+/-5	U	10.0	P	06/11/2025	16:44	LB136119
	Lead	2.30	+/-6	U	12.0	P	06/11/2025	16:44	LB136119
	Selenium	9.64	+/-10	U	20.0	P	06/11/2025	16:44	LB136119
	Silver	1.62	+/-5	U	10.0	P	06/11/2025	16:44	LB136119
CCB03	Arsenic	5.12	+/-10	U	20.0	P	06/11/2025	17:34	LB136119
	Barium	14.6	+/-50	U	100	P	06/11/2025	17:34	LB136119
	Cadmium	0.50	+/-3	U	6.00	P	06/11/2025	17:34	LB136119
	Chromium	2.12	+/-5	U	10.0	P	06/11/2025	17:34	LB136119
	Lead	2.30	+/-6	U	12.0	P	06/11/2025	17:34	LB136119
	Selenium	9.64	+/-10	U	20.0	P	06/11/2025	17:34	LB136119
	Silver	1.62	+/-5	U	10.0	P	06/11/2025	17:34	LB136119
CCB04	Arsenic	5.12	+/-10	U	20.0	P	06/11/2025	18:25	LB136119
	Barium	14.6	+/-50	U	100	P	06/11/2025	18:25	LB136119
	Cadmium	0.50	+/-3	U	6.00	P	06/11/2025	18:25	LB136119
	Chromium	2.12	+/-5	U	10.0	P	06/11/2025	18:25	LB136119
	Lead	2.30	+/-6	U	12.0	P	06/11/2025	18:25	LB136119
	Selenium	9.64	+/-10	U	20.0	P	06/11/2025	18:25	LB136119
	Silver	1.62	+/-5	U	10.0	P	06/11/2025	18:25	LB136119
CCB05	Arsenic	5.12	+/-10	U	20.0	P	06/11/2025	19:14	LB136119
	Barium	14.6	+/-50	U	100	P	06/11/2025	19:14	LB136119
	Cadmium	0.50	+/-3	U	6.00	P	06/11/2025	19:14	LB136119
	Chromium	2.12	+/-5	U	10.0	P	06/11/2025	19:14	LB136119
	Lead	2.30	+/-6	U	12.0	P	06/11/2025	19:14	LB136119
	Selenium	9.64	+/-10	U	20.0	P	06/11/2025	19:14	LB136119
	Silver	1.62	+/-5	U	10.0	P	06/11/2025	19:14	LB136119
CCB06	Arsenic	5.12	+/-10	U	20.0	P	06/11/2025	20:11	LB136119
	Barium	14.6	+/-50	U	100	P	06/11/2025	20:11	LB136119
	Cadmium	0.50	+/-3	U	6.00	P	06/11/2025	20:11	LB136119
	Chromium	2.12	+/-5	U	10.0	P	06/11/2025	20:11	LB136119

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

Contract: PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Lead	2.30	+/-6	U	12.0	P	06/11/2025	20:11	LB136119
	Selenium	9.64	+/-10	U	20.0	P	06/11/2025	20:11	LB136119
	Silver	1.62	+/-5	U	10.0	P	06/11/2025	20:11	LB136119

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

Contract: PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number

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PREPARATION BLANK SUMMARY

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168390TB		**WATER**		**Batch Number:**	**PB168425**		**Prep Date:**	**06/11/2025**	
	Mercury	0.76	<2	U	2.00	CV	06/12/2025	11:47	LB136124

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168425BL		**WATER**		**Batch Number:**	**PB168425**		**Prep Date:**	**06/11/2025**	
	Mercury	0.076	<0.2	U	0.20	CV	06/12/2025	10:54	LB136124

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PREPARATION BLANK SUMMARY

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168390TB		**WATER**		**Batch Number:**	**PB168423**		**Prep Date:**	**06/11/2025**	
	Arsenic	25.6	<50	U	100	P	06/11/2025	18:42	LB136119
	Barium	72.8	<250	U	500	P	06/11/2025	18:42	LB136119
	Cadmium	2.50	<15	U	30.0	P	06/11/2025	18:42	LB136119
	Chromium	10.6	<25	U	50.0	P	06/11/2025	18:42	LB136119
	Lead	11.5	<30	U	60.0	P	06/11/2025	18:42	LB136119
	Selenium	48.2	<50	U	100	P	06/11/2025	18:42	LB136119
	Silver	8.10	<25	U	50.0	P	06/11/2025	18:42	LB136119

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168423BL		**WATER**		**Batch Number:**	**PB168423**		**Prep Date:**	**06/11/2025**	
	Arsenic	25.6	<50	U	100	P	06/11/2025	18:33	LB136119
	Barium	72.8	<250	U	500	P	06/11/2025	18:33	LB136119
	Cadmium	2.50	<15	U	30.0	P	06/11/2025	18:33	LB136119
	Chromium	10.6	<25	U	50.0	P	06/11/2025	18:33	LB136119
	Lead	11.5	<30	U	60.0	P	06/11/2025	18:33	LB136119
	Selenium	48.2	<50	U	100	P	06/11/2025	18:33	LB136119
	Silver	8.10	<25	U	50.0	P	06/11/2025	18:33	LB136119

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Metals
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INTERFERENCE CHECK SAMPLE

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

Contract: PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Arsenic	5.34			-20	20	06/11/2025	14:14	LB136119
	Barium	-5.25	6.0	88	-94	106	06/11/2025	14:14	LB136119
	Cadmium	3.57	1.0	357	-5	7	06/11/2025	14:14	LB136119
	Chromium	44.3	52.0	85	42	62	06/11/2025	14:14	LB136119
	Lead	-2.25			-12	12	06/11/2025	14:14	LB136119
	Selenium	13.7			-20	20	06/11/2025	14:14	LB136119
	Silver	-1.50			-10	10	06/11/2025	14:14	LB136119
ICSAB01	Arsenic	96.7	104	93	88.4	120	06/11/2025	14:27	LB136119
	Barium	477	537	89	437	637	06/11/2025	14:27	LB136119
	Cadmium	923	972	95	826	1120	06/11/2025	14:27	LB136119
	Chromium	506	542	93	460	624	06/11/2025	14:27	LB136119
	Lead	42.5	49.0	87	37	61	06/11/2025	14:27	LB136119
	Selenium	59.1	46.0	128	26	66	06/11/2025	14:27	LB136119
	Silver	201	201	100	170	232	06/11/2025	14:27	LB136119

METAL QC DATA

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metals
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MATRIX SPIKE SUMMARY

client: PARSONS Engineering of New York, Inc. **level:** low **sdg no.:** Q2267

contract: PARS02 **lab code:** CHEM **case no.:** Q2267 **sas no.:** Q2267

matrix: Water **sample id:** Q2267-01 **client id:** WC-20250605MS

Percent Solids for Sample: NA **Spiked ID:** Q2267-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	3850		100	U	4000	96		P
Barium	ug/L	75 - 125	963		500	U	1000	96		P
Cadmium	ug/L	75 - 125	927		30.0	U	1000	93		P
Chromium	ug/L	75 - 125	1910		50.0	U	2000	96		P
Lead	ug/L	75 - 125	4490		60.0	U	5000	90		P
Selenium	ug/L	75 - 125	9380		100	U	10000	94		P
Silver	ug/L	75 - 125	353		50.0	U	380	93		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: PARSONS Engineering of New York, Inc. **level:** low **sdg no.:** Q2267

contract: PARS02 **lab code:** CHEM **case no.:** Q2267 **sas no.:** Q2267

matrix: Water **sample id:** Q2267-01 **client id:** WC-20250605MSD

Percent Solids for Sample: NA **Spiked ID:** Q2267-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	4100		100	U	4000	102		P
Barium	ug/L	75 - 125	991		500	U	1000	99		P
Cadmium	ug/L	75 - 125	988		30.0	U	1000	99		P
Chromium	ug/L	75 - 125	2060		50.0	U	2000	103		P
Lead	ug/L	75 - 125	4800		60.0	U	5000	96		P
Selenium	ug/L	75 - 125	9970		100	U	10000	100		P
Silver	ug/L	75 - 125	379		50.0	U	380	100		P

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metals
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MATRIX SPIKE SUMMARY

client: PARSONS Engineering of New York, Inc. **level:** low **sdg no.:** Q2267

contract: PARS02 **lab code:** CHEM **case no.:** Q2267 **sas no.:** Q2267

matrix: Water **sample id:** Q2285-05 **client id:** HAM-CONCRETEMS

Percent Solids for Sample: NA **Spiked ID:** Q2285-05MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	29.6		2.00	U	40.0	74	N	CV

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: PARSONS Engineering of New York, Inc. **level:** low **sdg no.:** Q2267

contract: PARS02 **lab code:** CHEM **case no.:** Q2267 **sas no.:** Q2267

matrix: Water **sample id:** Q2285-05 **client id:** HAM-CONCRETEMSD

Percent Solids for Sample: NA **Spiked ID:** Q2285-05MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	28.5		2.00	U	40.0	71	N	CV

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Metals
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POST DIGEST SPIKE SUMMARY

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

Contract: PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267

Matrix: Water **Level:** LOW **Client ID:** HAM-CONCRETEA

Sample ID: Q2285-05 **Spiked ID:** Q2285-05A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	32.4		2.00	U	40.0	81		CV

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: PARSONS Engineering of New York, Inc. **Level:** LOW **SDG No.:** Q2267

Contract: PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267

Matrix: Water **Sample ID:** Q2267-01 **Client ID:** WC-20250605DUP

Percent Solids for Sample: NA **Duplicate ID** Q2267-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	100	U	100	U			P
Barium	ug/L	20	500	U	500	U			P
Cadmium	ug/L	20	30.0	U	30.0	U			P
Chromium	ug/L	20	50.0	U	50.0	U			P
Lead	ug/L	20	60.0	U	60.0	U			P
Selenium	ug/L	20	100	U	100	U			P
Silver	ug/L	20	50.0	U	50.0	U			P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: PARSONS Engineering of New York, Inc. **Level:** LOW **SDG No.:** Q2267

Contract: PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267

Matrix: Water **Sample ID:** Q2267-01MS **Client ID:** WC-20250605MSD

Percent Solids for Sample: NA **Duplicate ID** Q2267-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	3850		4100		6		P
Barium	ug/L	20	963		991		3		P
Cadmium	ug/L	20	927		988		6		P
Chromium	ug/L	20	1910		2060		8		P
Lead	ug/L	20	4490		4800		7		P
Selenium	ug/L	20	9380		9970		6		P
Silver	ug/L	20	353		379		7		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: PARSONS Engineering of New York, Inc. **Level:** LOW **SDG No.:** Q2267

Contract: PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267

Matrix: Water **Sample ID:** Q2285-05 **Client ID:** HAM-CONCRETEDUP

Percent Solids for Sample: NA **Duplicate ID** Q2285-05DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	2.00	U	2.00	U			CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: PARSONS Engineering of New York, Inc. **Level:** LOW **SDG No.:** Q2267

Contract: PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267

Matrix: Water **Sample ID:** Q2285-05MS **Client ID:** HAM-CONCRETEMSD

Percent Solids for Sample: NA **Duplicate ID** Q2285-05MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	29.6		28.5		4		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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LABORATORY CONTROL SAMPLE SUMMARY

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

Contract: PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168423BS							
Arsenic	ug/L	4000	3790		95	80 - 120	P
Barium	ug/L	1000	871		87	80 - 120	P
Cadmium	ug/L	1000	954		95	80 - 120	P
Chromium	ug/L	2000	1910		96	80 - 120	P
Lead	ug/L	5000	4780		96	80 - 120	P
Selenium	ug/L	10000	9600		96	80 - 120	P
Silver	ug/L	380	359		94	80 - 120	P

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LABORATORY CONTROL SAMPLE SUMMARY

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

Contract: PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168425BS							
Mercury	ug/L	4.0	3.68		92	80 - 120	CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

WC-20250605L

Lab Name: Chemtech Consulting Group **Contract:** PARS02

Lab Code: CHEM **Lb No.:** lb136119 **Lab Sample ID :** Q2267-01L **SDG No.:** Q2267

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Arsenic	100	U	500	U			P
Barium	500	U	2500	U			P
Cadmium	30.0	U	150	U			P
Chromium	50.0	U	250	U			P
Lead	60.0	U	300	U			P
Selenium	100	U	500	U			P
Silver	50.0	U	250	U			P

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ICP SERIAL DILUTIONS

SAMPLE NO.

HAM-CONCRETEL

Lab Name: Chemtech Consulting Group **Contract:** PARS02

Lab Code: CHEM **Lb No.:** lb136124 **Lab Sample ID :** Q2285-05L **SDG No.:** Q2267

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	2.00	U	10.0	U			CV

METAL PREPARATION & INSTRUMENT DATA

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ICP INTERELEMENT CORRECTION FACTORS

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

Contract: PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

Contract: PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

Contract: PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

Contract: PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

Contract: PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000

METAL PREPARATION & ANALYICAL SUMMARY

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Metals
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SAMPLE PREPARATION SUMMARY

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

Contract: PARS02 **Lab Code:** CHEM **Method:**

Case No.: Q2267 **SAS No.:** Q2267

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB168423**						
PB168390TB	PB168390TB	MB	WATER	06/11/2025	5.0	25.0	
PB168423BL	PB168423BL	MB	WATER	06/11/2025	5.0	25.0	
PB168423BS	PB168423BS	LCS	WATER	06/11/2025	5.0	25.0	
Q2267-01	WC-20250605	SAM	WATER	06/11/2025	5.0	25.0	
Q2267-01DUP	WC-20250605DUP	DUP	WATER	06/11/2025	5.0	25.0	
Q2267-01MS	WC-20250605MS	MS	WATER	06/11/2025	5.0	25.0	
Q2267-01MSD	WC-20250605MSD	MSD	WATER	06/11/2025	5.0	25.0	

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SAMPLE PREPARATION SUMMARY

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

Contract: PARS02 **Lab Code:** CHEM **Method:**

Case No.: Q2267 **SAS No.:** Q2267

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB168425**						
PB168390TB	PB168390TB	MB	WATER	06/11/2025	3.0	30.0	
PB168425BL	PB168425BL	MB	WATER	06/11/2025	30.0	30.0	
PB168425BS	PB168425BS	LCS	WATER	06/11/2025	30.0	30.0	
Q2267-01	WC-20250605	SAM	WATER	06/11/2025	3.0	30.0	
Q2285-05DUP	HAM-CONCRETEDUP	DUP	WATER	06/11/2025	3.0	30.0	
Q2285-05MS	HAM-CONCRETEMS	MS	WATER	06/11/2025	3.0	30.0	
Q2285-05MSD	HAM-CONCRETEMSD	MSD	WATER	06/11/2025	3.0	30.0	

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ANALYSIS RUN LOG

Client: PARSONS Engineering of New York, Inc. **Contract:** PARS02

Lab code: CHEM **Case no.:** Q2267 **Sas no.:** Q2267 **Sdg no.:** Q2267

Instrument id number: **Method:** **Run number:** LB136119

Start date: 06/11/2025 **End date:** 06/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1236	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1241	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1245	Ag,As,Ba,Cd,Cr,Pb,Se
S3	S3	1	1249	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1253	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1258	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1353	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1357	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1403	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1407	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1414	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1427	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1442	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1446	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1633	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1644	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1727	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1734	Ag,As,Ba,Cd,Cr,Pb,Se
Q2267-01	WC-20250605	1	1800	Ag,As,Ba,Cd,Cr,Pb,Se
Q2267-01DUP	WC-20250605DUP	1	1804	Ag,As,Ba,Cd,Cr,Pb,Se
Q2267-01L	WC-20250605L	5	1809	Ag,As,Ba,Cd,Cr,Pb,Se
Q2267-01MS	WC-20250605MS	1	1813	Ag,As,Ba,Cd,Cr,Pb,Se
Q2267-01MSD	WC-20250605MSD	1	1817	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1821	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1825	Ag,As,Ba,Cd,Cr,Pb,Se
PB168423BL	PB168423BL	1	1833	Ag,As,Ba,Cd,Cr,Pb,Se
PB168423BS	PB168423BS	1	1838	Ag,As,Ba,Cd,Cr,Pb,Se
PB168390TB	PB168390TB	1	1842	Ag,As,Ba,Cd,Cr,Pb,Se
CCV05	CCV05	1	1909	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	1914	Ag,As,Ba,Cd,Cr,Pb,Se
CCV06	CCV06	1	2006	Ag,As,Ba,Cd,Cr,Pb,Se
CCB06	CCB06	1	2011	Ag,As,Ba,Cd,Cr,Pb,Se

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ANALYSIS RUN LOG

Client: PARSONS Engineering of New York, Inc. **Contract:** PARS02

Lab code: CHEM **Case no.:** Q2267 **Sas no.:** Q2267 **Sdg no.:** Q2267

Instrument id number: **Method:** **Run number:** LB136124

Start date: 06/12/2025 **End date:** 06/12/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0952	HG
S0.2	S0.2	1	0955	HG
S2.5	S2.5	1	0957	HG
S5	S5	1	0959	HG
S7.5	S7.5	1	1001	HG
S10	S10	1	1004	HG
ICV35	ICV35	1	1012	HG
ICB35	ICB35	1	1014	HG
CCV30	CCV30	1	1016	HG
CCB30	CCB30	1	1019	HG
CRA	CRA	1	1021	HG
CCV31	CCV31	1	1050	HG
CCB31	CCB31	1	1052	HG
PB168425BL	PB168425BL	1	1054	HG
PB168425BS	PB168425BS	1	1057	HG
Q2267-01	WC-20250605	1	1059	HG
CCV32	CCV32	1	1117	HG
CCB32	CCB32	1	1120	HG
Q2285-05DUP	HAM-CONCRETEDUP	1	1126	HG
Q2285-05MS	HAM-CONCRETEMS	1	1129	HG
Q2285-05MSD	HAM-CONCRETEMSD	1	1131	HG
CCV33	CCV33	1	1138	HG
CCB33	CCB33	1	1140	HG
PB168390TB	PB168390TB	1	1147	HG
Q2285-05L	HAM-CONCRETEL	5	1154	HG
Q2285-05A	HAM-CONCRETEA	1	1156	HG
CCV34	CCV34	1	1158	HG
CCB34	CCB34	1	1201	HG

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LAB CHRONICLE

OrderID:	Q2267	**OrderDate:**	6/6/2025 2:17:00 PM
Client:	PARSONS Engineering of New York, Inc.	**Project:**	Con Ed Non MGP – Atlantic Ave 453957.600024.05
Contact:	Stephen Liberatore	**Location:**	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2267-01	**WC-20250605**	**WATER**			**06/05/25 15:20**			**06/06/25**
			Reactive Cyanide	9012B		06/12/25	06/12/25 11:31	
			Reactive Sulfide	9034		06/12/25	06/12/25 17:23	
			Flash Point	1010B			06/09/25 12:15	
			pH	9040C			06/10/25 09:20	

SAMPLE DATA

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25 15:20
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	WC-20250605	SDG No.:	Q2267
Lab Sample ID:	Q2267-01	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Flash Point	>212		1	0	0	o F		06/09/25 12:15	1010B
pH	7.11	H	1	0	0	pH		06/10/25 09:20	9040C
Reactive Cyanide	0.00096	U	1	0.00096	0.0050	mg/L	06/12/25 08:10	06/12/25 11:31	9012B
Reactive Sulfide	0.43	U	1	0.43	1.00	mg/L	06/12/25 11:30	06/12/25 17:23	9034

Comments: Other method reference for flash point : Pensky-Martens Closed Cup Flash Point ASTM D 93 - IP 34, pH result reported at temperature

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

QC RESULT SUMMARY

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Initial and Continuing Calibration Verification

Client:	PARSONS Engineering of New York, Inc.	**SDG No.:**	Q2267
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	**RunNo.:**	LB136068

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
Flash Point	o F	80.6	81	100	78-84	06/09/2025

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Initial and Continuing Calibration Verification

Client:	PARSONS Engineering of New York, Inc.	**SDG No.:**	Q2267
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	**RunNo.:**	LB136081

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
pH	pH	7.01	7	100	90-110	06/10/2025
Sample ID: CCV1						
pH	pH	2.02	2.00	101	90-110	06/10/2025
Sample ID: CCV2						
pH	pH	12.02	12.00	100	90-110	06/10/2025

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Initial and Continuing Calibration Verification

Client:	PARSONS Engineering of New York, Inc.	**SDG No.:**	Q2267
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	**RunNo.:**	LB136129

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Reactive Cyanide	mg/L	0.095	0.099	96	85-115	06/12/2025
Sample ID: CCV1						
Reactive Cyanide	mg/L	0.24	0.25	96	90-110	06/12/2025
Sample ID: CCV2						
Reactive Cyanide	mg/L	0.23	0.25	92	90-110	06/12/2025
Sample ID: CCV3						
Reactive Cyanide	mg/L	0.24	0.25	96	90-110	06/12/2025
Sample ID: CCV4						
Reactive Cyanide	mg/L	0.25	0.25	100	90-110	06/12/2025

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Initial and Continuing Calibration Blank Summary

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

Project: Con Ed Non MGP – Atlantic Ave 453957.600024.05 **RunNo.:** LB136129

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Reactive Cyanide	mg/L	0.00098	0.0025	J	0.00096	0.005	06/12/2025
Sample ID: CCB1							
Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	06/12/2025
Sample ID: CCB2							
Reactive Cyanide	mg/L	0.00096	0.0025	J	0.00096	0.005	06/12/2025
Sample ID: CCB3							
Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	06/12/2025
Sample ID: CCB4							
Reactive Cyanide	mg/L	0.0013	0.0025	J	0.00096	0.005	06/12/2025

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Preparation Blank Summary

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

Project: Con Ed Non MGP – Atlantic Ave 453957.600024.05

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: PB168366BL							
Reactive Sulfide	mg/L	< 0.5000	0.5000	U	0.43	1	06/12/2025
Sample ID: PB168399BL							
Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	06/12/2025

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Duplicate Sample Summary

Client: PARSONS Engineering of New York, Inc.
SDG No.: Q2267
Project: Con Ed Non MGP – Atlantic Ave 453957.600024.05
Sample ID: Q2221-02
Client ID: 34900DUP
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Flash Point	o F	+/-2	>212.0		>212.0		1	0		06/09/2025

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Duplicate Sample Summary

Client: PARSONS Engineering of New York, Inc.
SDG No.: Q2267
Project: Con Ed Non MGP – Atlantic Ave 453957.600024.05
Sample ID: Q2267-01
Client ID: WC-20250605DUP
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
pH	pH	+/-20	7.11		7.12		1	0.14		06/10/2025
Reactive Cyanide	mg/L	+/-20	0.00096	U	0.00096	U	1	0		06/12/2025
Reactive Sulfide	mg/L	+/-20	0.43	U	0.43	U	1	0		06/12/2025

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO. Q2267
QUOTE NO.
COC Number 2046471

10
10.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Parsons
ADDRESS: 301 Plainfield Rd
CITY Syracuse STATE: NY ZIP: 13212
ATTENTION: Stephen Liberatore
PHONE: 315-418-8767 FAX: NA

CLIENT PROJECT INFORMATION

PROJECT NAME: Con Ed Atlantic Ave
PROJECT NO.: 453957-0100 LOCATION: Brooklyn, NY
PROJECT MANAGER: Stephen Liberatore
e-mail: Stephen.Liberatore@parsons.com
PHONE: 315-418-8767 FAX: NA

CLIENT BILLING INFORMATION

BILL TO: Parsons PO#:
ADDRESS: 301 Plainfield Rd
CITY Syracuse STATE: NY ZIP: 13212
ATTENTION: Stephen Liberatore PHONE: 315-418-8767

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 Day TAT DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☑ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ Other
☐ EDD FORMAT

ANALYSIS

1: TCLP VOCs
2: TCLP SVOCs
3: PCB
4: Flash point
5: TCLP Extraction
6: TCLP metals/mercury
7: pH & reactive cyanide & reactive sulfide
8:
9:

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	WC_20250605	W		X	6/5/25	1520	8	X	X	X	X	X	X	X			
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

PRESERVATIVES: E E E F F E E

COMMENTS — ← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

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

	DATE/TIME:	RECEIVED BY:
RELINQUISHED BY SAMPLER: 1. Yun Li	6-5-25/1330	1. 1330 6-6-25
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.
RELINQUISHED BY SAMPLER: 3.	DATE/TIME: 1642 6-6-25	RECEIVED BY: 3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.0 °C
Comments: Please CC kirsten.valentini@parsons.com

Page 1 of 1

CLIENT: ☐ Hand Delivered ☐ Other

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 : 908 789 8922

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