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 : NYPA

CORE ENVIRONMENTAL CONSULTANTS AND SERVICES, INC.

22-48 119th Street

College Point, NY - 11356

Phone No: 7187864730

ORDER ID : Q2681

ATTENTION : Roland Scardino

Laboratory Certification ID # 20012

Table Of Contents for Q2681

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

Cover Page

Order ID : Q2681

Project ID : NYPA

Client : Core Environmental Consultants and Services, Inc.

Lab Sample Number	Client Sample Number
Q2681-01	NYPA-POUCH-SPENT-CARBON

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 : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 8:39 am, Aug 05, 2025

Date: 7/31/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

Core Environmental Consultants and Services, Inc.
Project Name: NYPA
Project # N/A
Order ID # Q2681
Test Name: TCLP VOA

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 07/23/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: TCLP VOA. 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#121-1324UI. The 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 were met for all analysis except for NYPA-POUCH-SPENT-CARBON [Toluene-d8 - 114%],due to high concentration of compounds, this sample required dilution. Therefore, sample was reanalyzed with dilution and reported.

The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank Spike Duplicate met requirements for all compounds.
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.

Sample NYPA-POUCH-SPENT-CARBON was diluted due to high concentrations.

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.

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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____ **APPROVED**
By Nimisha Pandya, QA/QC Supervisor at 8:40 am, Aug 05, 2025

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Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

Core Environmental Consultants and Services, Inc.
Project Name: NYPA
Project # N/A
Order ID # Q2681
Test Name: TCLP BNA

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 07/23/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: TCLP BNA. This data package contains results for TCLP BNA.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The 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 were met for all analysis.
The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the requirements for all compounds.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.
The Tuning criteria met requirements.

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

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

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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_____ **APPROVED**
By Nimisha Pandya, QA/QC Supervisor at 8:40 am, Aug 05, 2025

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Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

Core Environmental Consultants and Services, Inc.
Project Name: NYPA
Project # N/A
Order ID # Q2681
Test Name: TCLP Pesticide

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 07/23/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: TCLP Pesticide. This data package contains results for TCLP Pesticide.

C. Analytical Techniques:
The analysis was performed on instrument ECD_L. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11.The analysis of TCLP Pesticides was based on method 8081B 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 were met for all analysis.
The Retention Times were met for all analysis.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the requirements for all compounds.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.

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.

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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_____ APPROVED
By Nimisha Pandya, QA/QC Supervisor at 8:40 am, Aug 05, 2025

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CASE NARRATIVE

Core Environmental Consultants and Services, Inc.
Project Name: NYPA
Project # N/A
Order ID # Q2681
Test Name: PCB

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 07/23/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: PCB. 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 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis except for NYPA-POUCH-SPENT-CARBON [Decachlorobiphenyl(2)24%].
As per method one surrogate allowed to fail to meet the criteria per column. No further corrective action was taken.

The Retention Times were met for all analysis.
The MS {Q2684-01MS} with File ID: PO112488.D recoveries met the requirements for all compounds except for [AR1260(1)52% - AR1260(2)63%] due to matrix interference.
The MSD {Q2684-01MSD} with File ID: PO112489.D recoveries met the requirements for all compounds except for [AR1260(1)53% - AR1260(2)63%] due to matrix interference.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration File ID PO112494.D met the requirements except for Aroclor-1260(Peak-01),Aroclor-1260(Peak-02),Aroclor-1260(Peak-05),Decachlorobiphenyl is failing in 1st column, however it is passed in 2nd column therefore no corrective action was taken.

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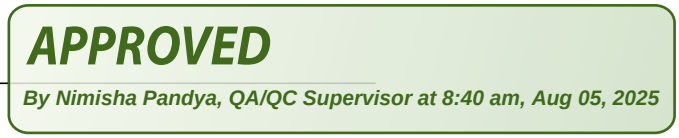
The Continuous Calibration File ID PO112499.D met the requirements except for Aroclor-1260(Peak-04),Aroclor-1260(Peak-05) is failing in 1st column, however it is passed in 2nd column therefore no corrective action was taken.

Samples NYPA-POUCH-SPENT-CARBON was diluted due to sample was small particle, no lower dilution or straight run required

E. Additional Comments:
The soil samples results are based on a dry weight basis.

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

Core Environmental Consultants and Services, Inc.
Project Name: NYPA
Project # N/A
Order ID # Q2681
Test Name: TCLP Herbicide

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 07/23/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: TCLP Herbicide. This data package contains results for TCLP Herbicide.

C. Analytical Techniques:
The analysis was performed on instrument ECD_S. The front column is RTX-CLPesticides which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 11139. The rear column is RTX-CLPesticides2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 11324. The analysis of TCLP Herbicides was based on method 8151A 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 were met for all analysis.
The Retention Times were met for all analysis.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the requirements for all compounds.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.

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

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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_____ APPROVED
By Nimisha Pandya, QA/QC Supervisor at 8:40 am, Aug 05, 2025

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CASE NARRATIVE

Core Environmental Consultants and Services, Inc.
Project Name: NYPA
Project # N/A
Order ID # Q2681
Test Name: TCLP ICP Metals,TCLP Mercury

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 07/23/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Ignitability, PCB, pH, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction and TCLP-FULL. 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 compounds.
The Duplicate analysis met criteria for all compounds.
The Matrix Spike analysis met criteria for all compounds.
The Matrix Spike Duplicate analysis met criteria for all compounds.
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___ APPROVED
By Nimisha Pandya, QA/QC Supervisor at 8:40 am, Aug 05, 2025

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CASE NARRATIVE

Core Environmental Consultants and Services, Inc.
Project Name: NYPA
Project # N/A
Order ID # Q2681
Test Name: Ignitability,pH

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 07/23/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Ignitability,pH. This data package contains results for Ignitability,pH.

C. Analytical Techniques:
The analysis of Ignitability was based on method 1030 and The analysis of pH was based on method 9045D.

D. QA/ QC Samples:

The Holding Times were met for all samples except for NYPA-POUCH-SPENT-CARBON of pH as sample was receive out of holding time.
The Duplicate analysis met criteria for all compounds.
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_____ APPROVED
By Nimisha Pandya, QA/QC Supervisor at 8:41 am, Aug 05, 2025

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

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 #: Q2681

	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:** 07/31/2025

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LAB CHRONICLE

OrderID:	Q2681	**OrderDate:**	7/23/2025 2:59:39 PM
Client:	Core Environmental Consultants and Services, Inc.	**Project:**	NYPA
Contact:	Roland Scardino	**Location:**	D21

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2681-01	**NYPA-POUCH-SPENT-CARBON**	**TCLP**			**07/23/25**			**07/23/25**
			TCLP VOA	8260D			07/28/25	
Q2681-01DL	**NYPA-POUCH-SPENT-CARBONDL**	**TCLP**			**07/23/25**			**07/23/25**
			TCLP VOA	8260D			07/28/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2681

Client: Core Environmental Consultants and Services, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**NYPA-POUCH-SPENT-CARBON**							
Q2681-01	NYPA-POUCH-SPI	TCLP	2-Butanone	19.0	J	0.98	25.0	ug/L
Q2681-01	NYPA-POUCH-SPI	TCLP	Benzene	200	E	0.15	5.00	ug/L
			Total Voc :	219				
			Total Concentration:	219				
Client ID:	**NYPA-POUCH-SPENT-CARBONDL**							
Q2681-01DL	NYPA-POUCH-SPI	TCLP	Benzene	190	D	0.75	25.0	ug/L
			Total Voc :	190				
			Total Concentration:	190				

SAMPLE DATA

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/23/25
Project:	NYPA	Date Received:	07/23/25
Client Sample ID:	NYPA-POUCH-SPENT-CARBON	SDG No.:	Q2681
Lab Sample ID:	Q2681-01	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:	Date Analyzed	Prep Batch ID
VX047162.D	1	07/28/25 14:03	VX072825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	5.00	U	0.26	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	U	0.23	5.00	ug/L
78-93-3	2-Butanone	19.0	J	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
67-66-3	Chloroform	5.00	U	0.25	5.00	ug/L
71-43-2	Benzene	200	E	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	5.00	U	0.090	5.00	ug/L
127-18-4	Tetrachloroethene	5.00	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	5.00	U	0.12	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.2		74 - 125	110%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	57.1	*	86 - 113	114%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.3		77 - 121	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	329000	5.562			
540-36-3	1,4-Difluorobenzene	549000	6.769			
3114-55-4	Chlorobenzene-d5	500000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	258000	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

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Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/23/25
Project:	NYPA	Date Received:	07/23/25
Client Sample ID:	NYPA-POUCH-SPENT-CARBONDL	SDG No.:	Q2681
Lab Sample ID:	Q2681-01DL	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:	Date Analyzed	Prep Batch ID
VX047165.D	5	07/28/25 15:07	VX072825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	25.0	UD	1.30	25.0	ug/L
75-35-4	1,1-Dichloroethene	25.0	UD	1.20	25.0	ug/L
78-93-3	2-Butanone	130	UD	4.90	130	ug/L
56-23-5	Carbon Tetrachloride	25.0	UD	1.30	25.0	ug/L
67-66-3	Chloroform	25.0	UD	1.30	25.0	ug/L
71-43-2	Benzene	190	D	0.75	25.0	ug/L
107-06-2	1,2-Dichloroethane	25.0	UD	1.10	25.0	ug/L
79-01-6	Trichloroethene	25.0	UD	0.47	25.0	ug/L
127-18-4	Tetrachloroethene	25.0	UD	1.20	25.0	ug/L
108-90-7	Chlorobenzene	25.0	UD	0.60	25.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.8		74 - 125	90%	SPK: 50
1868-53-7	Dibromofluoromethane	45.6		75 - 124	91%	SPK: 50
2037-26-5	Toluene-d8	43.5		86 - 113	87%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.9		77 - 121	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	323000	5.568			
540-36-3	1,4-Difluorobenzene	547000	6.769			
3114-55-4	Chlorobenzene-d5	497000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	253000	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

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

Surrogate Summary

SDG No.: Q2681

Client: Core Environmental Consultants and Services, Inc.

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2681-01	NYPA-POUCH-SPENT-CARBON	1,2-Dichloroethane-d4	50	55.2	110		74	125
		Dibromofluoromethane	50	50.5	101		75	124
		Toluene-d8	50	57.1	114	*	86	113
		4-Bromofluorobenzene	50	51.3	103		77	121
Q2681-01DL	NYPA-POUCH-SPENT-CARBONDL	1,2-Dichloroethane-d4	50	44.8	90		74	125
		Dibromofluoromethane	50	45.6	91		75	124
		Toluene-d8	50	43.5	87		86	113
		4-Bromofluorobenzene	50	47.9	96		77	121

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Fax : 908 789 8922

Surrogate Summary

SDG No.: Q2681

Client: Core Environmental Consultants and Services, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
VX0728WBL01	VX0728WBL01	1,2-Dichloroethane-d4	50	49.4	99		74	125
		Dibromofluoromethane	50	50.7	101		75	124
		Toluene-d8	50	47.8	96		86	113
		4-Bromofluorobenzene	50	52.3	105		77	121
VX0728WBS01	VX0728WBS01	1,2-Dichloroethane-d4	50	45.6	91		74	125
		Dibromofluoromethane	50	47.8	96		75	124
		Toluene-d8	50	45.6	91		86	113
		4-Bromofluorobenzene	50	47.4	95		77	121
VX0728WBSD0	VX0728WBSD01	1,2-Dichloroethane-d4	50	47.5	95		74	125
		Dibromofluoromethane	50	48.0	96		75	124
		Toluene-d8	50	45.3	91		86	113
		4-Bromofluorobenzene	50	48.6	97		77	121

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2681 **Analytical Method:** SW8260-Low

Client: Core Environmental Consultants and **Datafile :** VX047155.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0728WBS01	Vinyl chloride	20	19.3	ug/L	97			65	117	
	1,1-Dichloroethene	20	18.4	ug/L	92			74	110	
	2-Butanone	100	92.4	ug/L	92			65	122	
	Carbon Tetrachloride	20	18.9	ug/L	95			77	113	
	Chloroform	20	18.5	ug/L	93			79	113	
	Benzene	20	18.7	ug/L	94			82	109	
	1,2-Dichloroethane	20	19.2	ug/L	96			80	115	
	Trichloroethene	20	18.5	ug/L	93			77	113	
	Tetrachloroethene	20	18.3	ug/L	92			67	123	
	Chlorobenzene	20	18.6	ug/L	93			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2681 **Analytical Method:** SW8260-Low

Client: Core Environmental Consultants and S **Datafile :** VX047156.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0728WBSD01	Vinyl chloride	20	18.3	ug/L	92	5		65	117	19
	1,1-Dichloroethene	20	17.9	ug/L	90	2		74	110	20
	2-Butanone	100	92.0	ug/L	92	0		65	122	26
	Carbon Tetrachloride	20	18.6	ug/L	93	2		77	113	15
	Chloroform	20	18.4	ug/L	92	1		79	113	20
	Benzene	20	18.6	ug/L	93	1		82	109	15
	1,2-Dichloroethane	20	19.3	ug/L	97	1		80	115	20
	Trichloroethene	20	18.3	ug/L	92	1		77	113	15
	Tetrachloroethene	20	17.6	ug/L	88	4		67	123	15
	Chlorobenzene	20	18.6	ug/L	93	0		82	109	15

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX0728WBL01

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG NO.: Q2681

Lab File ID: VX047154.D | Lab Sample ID: VX0728WBL01

Date Analyzed: 07/28/2025 | Time Analyzed: 10:19

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
VX0728WBS01	VX0728WBS01	VX047155.D	07/28/2025
VX0728WBSD01	VX0728WBSD01	VX047156.D	07/28/2025
NYPA-POUCH-SPENT-CARBON	Q2681-01	VX047162.D	07/28/2025
NYPA-POUCH-SPENT-CARBONDL	Q2681-01DL	VX047165.D	07/28/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG NO.: Q2681

Lab File ID: VX047054.D | BFB Injection Date: 07/21/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:53

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	19.4
75	30.0 - 60.0% of mass 95	52.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	72.5
175	5.0 - 9.0% of mass 174	5.3 (7.3) 1
176	95.0 - 101.0% of mass 174	69.5 (95.9) 1
177	5.0 - 9.0% of mass 176	5 (7.2) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX047055.D	07/21/2025	09:47
VSTDICC005	VSTDICC005	VX047056.D	07/21/2025	10:08
VSTDICC020	VSTDICC020	VX047057.D	07/21/2025	10:29
VSTDICCC050	VSTDICCC050	VX047058.D	07/21/2025	10:50
VSTDICC100	VSTDICC100	VX047059.D	07/21/2025	11:11
VSTDICC150	VSTDICC150	VX047060.D	07/21/2025	11:32

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG NO.: Q2681

Lab File ID: VX047151.D | BFB Injection Date: 07/28/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:52

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	19.3
75	30.0 - 60.0% of mass 95	52
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.7 (0.9) 1
174	50.0 - 100.0% of mass 95	72.3
175	5.0 - 9.0% of mass 174	5.4 (7.4) 1
176	95.0 - 101.0% of mass 174	70 (96.8) 1
177	5.0 - 9.0% of mass 176	4.6 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX047152.D	07/28/2025	09:23
VX0728WBL01	VX0728WBL01	VX047154.D	07/28/2025	10:19
VX0728WBS01	VX0728WBS01	VX047155.D	07/28/2025	10:45
VX0728WBSD01	VX0728WBSD01	VX047156.D	07/28/2025	11:11
NYPA-POUCH-SPENT-CARBON	Q2681-01	VX047162.D	07/28/2025	14:03
NYPA-POUCH-SPENT-CARBONDL	Q2681-01DL	VX047165.D	07/28/2025	15:07

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q2681

Lab File ID: VX047152.D Date Analyzed: 07/28/2025

Instrument ID: MSVOA_X Time Analyzed: 09:23

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	347966	5.56	583631	6.76	509126	10.05
UPPER LIMIT	695932	6.056	1167260	7.263	1018250	10.549
LOWER LIMIT	173983	5.056	291816	6.263	254563	9.549
EPA SAMPLE NO.						
NYPA-POUCH-SPENT-CARBON	328899	5.56	549412	6.77	500328	10.06
NYPA-POUCH-SPENT-CARBONDL	322992	5.57	546891	6.77	497406	10.06
VX0728WBL01	333922	5.56	570654	6.77	517999	10.06
VX0728WBS01	313373	5.56	525191	6.76	469756	10.06
VX0728WBSD01	296687	5.56	500012	6.76	452886	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: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q2681

Lab File ID: VX047152.D Date Analyzed: 07/28/2025

Instrument ID: MSVOA_X Time Analyzed: 09:23

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

	IS4 AREA #	RT #				
12 HOUR STD	238942	12.018				
UPPER LIMIT	477884	12.518				
LOWER LIMIT	119471	11.518				
EPA SAMPLE NO.						
NYPA-POUCH-SPENT-CARBON	258193	12.02				
NYPA-POUCH-SPENT-CARBONDL	253109	12.02				
VX0728WBL01	262134	12.02				
VX0728WBS01	234098	12.02				
VX0728WBSD01	223131	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
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	NYPA	Date Received:	
Client Sample ID:	VX0728WBL01	SDG No.:	Q2681
Lab Sample ID:	VX0728WBL01	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:	Date Analyzed	Prep Batch ID
VX047154.D	1	07/28/25 10:19	VX072825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	1.00	U	0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	1.00	U	0.23	1.00	ug/L
78-93-3	2-Butanone	5.00	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	1.00	U	0.25	1.00	ug/L
67-66-3	Chloroform	1.00	U	0.25	1.00	ug/L
71-43-2	Benzene	1.00	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	1.00	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	1.00	U	0.090	1.00	ug/L
127-18-4	Tetrachloroethene	1.00	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	1.00	U	0.12	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.4		74 - 125	99%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	47.8		86 - 113	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.3		77 - 121	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	334000	5.562			
540-36-3	1,4-Difluorobenzene	571000	6.769			
3114-55-4	Chlorobenzene-d5	518000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	262000	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

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Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	NYPA	Date Received:	
Client Sample ID:	VX0728WBS01	SDG No.:	Q2681
Lab Sample ID:	VX0728WBS01	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:	Date Analyzed	Prep Batch ID
VX047155.D	1	07/28/25 10:45	VX072825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	19.3		0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.4		0.23	1.00	ug/L
78-93-3	2-Butanone	92.4		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.9		0.25	1.00	ug/L
67-66-3	Chloroform	18.5		0.25	1.00	ug/L
71-43-2	Benzene	18.7		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.2		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.5		0.090	1.00	ug/L
127-18-4	Tetrachloroethene	18.3		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.6		0.12	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.6		74 - 125	91%	SPK: 50
1868-53-7	Dibromofluoromethane	47.8		75 - 124	96%	SPK: 50
2037-26-5	Toluene-d8	45.6		86 - 113	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.4		77 - 121	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	313000	5.556			
540-36-3	1,4-Difluorobenzene	525000	6.763			
3114-55-4	Chlorobenzene-d5	470000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	234000	12.018			

U = Not Detected
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() = 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:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	NYPA	Date Received:	
Client Sample ID:	VX0728WBSD01	SDG No.:	Q2681
Lab Sample ID:	VX0728WBSD01	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:	Date Analyzed	Prep Batch ID
VX047156.D	1	07/28/25 11:11	VX072825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	18.3		0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	17.9		0.23	1.00	ug/L
78-93-3	2-Butanone	92.0		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.6		0.25	1.00	ug/L
67-66-3	Chloroform	18.4		0.25	1.00	ug/L
71-43-2	Benzene	18.6		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.3		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.3		0.090	1.00	ug/L
127-18-4	Tetrachloroethene	17.6		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.6		0.12	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.5		74 - 125	95%	SPK: 50
1868-53-7	Dibromofluoromethane	48.0		75 - 124	96%	SPK: 50
2037-26-5	Toluene-d8	45.3		86 - 113	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.6		77 - 121	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	297000	5.562			
540-36-3	1,4-Difluorobenzene	500000	6.763			
3114-55-4	Chlorobenzene-d5	453000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	223000	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

CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q2681

Instrument ID: MSVOA_X Calibration Date(s): 07/21/2025 07/21/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:47 11:32

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

LAB FILE ID: RRF001 = VX047055.D RRF005 = VX047056.D RRF020 = VX047057.D
RRF050 = VX047058.D RRF100 = VX047059.D RRF150 = VX047060.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Vinyl Chloride	0.578	0.739	0.700	0.780	0.716	0.723	0.706	9.7
1,1-Dichloroethene	0.553	0.659	0.635	0.674	0.624	0.625	0.628	6.7
2-Butanone	0.317	0.376	0.371	0.391	0.363	0.362	0.363	6.8
Carbon Tetrachloride	0.526	0.612	0.566	0.595	0.531	0.540	0.562	6.4
Chloroform	1.180	1.357	1.252	1.289	1.175	1.164	1.236	6.2
Benzene	1.327	1.656	1.573	1.650	1.451	1.480	1.523	8.4
1,2-Dichloroethane	0.468	0.587	0.558	0.576	0.512	0.517	0.536	8.5
Trichloroethene	0.350	0.427	0.392	0.420	0.371	0.383	0.391	7.5
Tetrachloroethene	0.322	0.403	0.381	0.376	0.337	0.344	0.360	8.6
Chlorobenzene	1.029	1.295	1.225	1.231	1.114	1.135	1.171	8.2
1,2-Dichloroethane-d4		0.768	0.511	0.575	0.611	0.649	0.623	15.4
Dibromofluoromethane		0.355	0.262	0.296	0.302	0.328	0.309	11.3
Toluene-d8		1.293	0.821	0.924	0.946	1.014	1.000	17.8
4-Bromofluorobenzene		0.514	0.369	0.409	0.417	0.445	0.431	12.5

* 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: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q2681

Instrument ID: MSVOA_X Calibration Date/Time: 07/28/2025 09:23

Lab File ID: VX047152.D Init. Calib. Date(s): 07/21/2025 07/21/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:47 11:32

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.706	0.718		1.7	20
1,1-Dichloroethene	0.628	0.597		-4.94	20
2-Butanone	0.363	0.326		-10.19	20
Carbon Tetrachloride	0.562	0.512		-8.9	20
Chloroform	1.236	1.131		-8.49	20
Benzene	1.523	1.374		-9.78	20
1,2-Dichloroethane	0.536	0.489		-8.77	20
Trichloroethene	0.391	0.343		-12.28	20
Tetrachloroethene	0.360	0.318		-11.67	20
Chlorobenzene	1.171	1.050	0.3	-10.33	20
1,2-Dichloroethane-d4	0.623	0.583		-6.42	20
Dibromofluoromethane	0.309	0.303		-1.94	20
Toluene-d8	1.000	0.902		-9.8	20
4-Bromofluorobenzene	0.431	0.402		-6.73	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:	Q2681	**OrderDate:**	7/23/2025 2:59:39 PM
Client:	Core Environmental Consultants and Services, Inc.	**Project:**	NYPA
Contact:	Roland Scardino	**Location:**	D21

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2681-01	**NYPA-POUCH-SPENT-CARBON**	**TCLP**			**07/23/25**			**07/23/25**
			TCLP BNA	8270E		07/29/25	07/29/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2681

Client: Core Environmental Consultants and Services, 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
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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/29/25
Project:	NYPA	Date Received:	07/29/25
Client Sample ID:	PB168986TB	SDG No.:	Q2681
Lab Sample ID:	PB168986TB	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
BP025265.D	1	07/29/25 09:44	07/29/25 17:21	PB169045

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	50.0	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	50.0	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	50.0	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	100	U	11.0	100	ug/L
67-72-1	Hexachloroethane	50.0	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	50.0	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	50.0	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	50.0	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	50.0	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	50.0	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	50.0	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	100	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	132		23 - 138	88%	SPK: 150
13127-88-3	Phenol-d6	126		10 - 134	84%	SPK: 150
4165-60-0	Nitrobenzene-d5	81.1		67 - 132	81%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.8		52 - 132	86%	SPK: 100
118-79-6	2,4,6-Tribromophenol	125		44 - 137	83%	SPK: 150
1718-51-0	Terphenyl-d14	86.1		42 - 152	86%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	358000	7.402			
1146-65-2	Naphthalene-d8	1360000	10.143			
15067-26-2	Acenaphthene-d10	834000	14.043			
1517-22-2	Phenanthrene-d10	1780000	16.86			
1719-03-5	Chrysene-d12	2040000	21.301			
1520-96-3	Perylene-d12	2400000	24.419			

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/29/25
Project:	NYPA	Date Received:	07/29/25
Client Sample ID:	PB168986TB	SDG No.:	Q2681
Lab Sample ID:	PB168986TB	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
BP025265.D	1	07/29/25 09:44	07/29/25 17:21	PB169045

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:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/23/25
Project:	NYPA	Date Received:	07/23/25
Client Sample ID:	NYPA-POUCH-SPENT-CARBON	SDG No.:	Q2681
Lab Sample ID:	Q2681-01	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
BP025267.D	1	07/29/25 09:44	07/29/25 18:49	PB169045

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	50.0	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	50.0	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	50.0	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	100	U	11.0	100	ug/L
67-72-1	Hexachloroethane	50.0	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	50.0	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	50.0	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	50.0	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	50.0	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	50.0	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	50.0	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	100	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	118		23 - 138	78%	SPK: 150
13127-88-3	Phenol-d6	108		10 - 134	72%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.8		67 - 132	83%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.6		52 - 132	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	121		44 - 137	81%	SPK: 150
1718-51-0	Terphenyl-d14	86.1		42 - 152	86%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	356000	7.402			
1146-65-2	Naphthalene-d8	1340000	10.143			
15067-26-2	Acenaphthene-d10	805000	14.048			
1517-22-2	Phenanthrene-d10	1660000	16.866			
1719-03-5	Chrysene-d12	1920000	21.295			
1520-96-3	Perylene-d12	2300000	24.401			

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/23/25
Project:	NYPA	Date Received:	07/23/25
Client Sample ID:	NYPA-POUCH-SPENT-CARBON	SDG No.:	Q2681
Lab Sample ID:	Q2681-01	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
BP025267.D	1	07/29/25 09:44	07/29/25 18:49	PB169045

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.: Q2681

Client: Core Environmental Consultants and Services, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168986TB	PB168986TB	2-Fluorophenol	150	132	88		23	138
		Phenol-d6	150	126	84		10	134
		Nitrobenzene-d5	100	81.1	81		67	132
		2-Fluorobiphenyl	100	85.8	86		52	132
		2,4,6-Tribromophenol	150	125	83		44	137
		Terphenyl-d14	100	86.1	86		42	152
PB169045BL	PB169045BL	2-Fluorophenol	150	134	89		23	138
		Phenol-d6	150	131	87		10	134
		Nitrobenzene-d5	100	82.2	82		67	132
		2-Fluorobiphenyl	100	85.1	85		52	132
		2,4,6-Tribromophenol	150	128	85		44	137
		Terphenyl-d14	100	86.6	87		42	152
PB169045BS	PB169045BS	2-Fluorophenol	150	126	84		23	138
		Phenol-d6	150	128	85		10	134
		Nitrobenzene-d5	100	76.4	76		67	132
		2-Fluorobiphenyl	100	76.8	77		52	132
		2,4,6-Tribromophenol	150	120	80		44	137
		Terphenyl-d14	100	84.5	84		42	152
Q2681-01	NYPA-POUCH-SPENT-CARBON	2-Fluorophenol	150	118	78		23	138
		Phenol-d6	150	108	72		10	134
		Nitrobenzene-d5	100	82.8	83		67	132
		2-Fluorobiphenyl	100	83.6	84		52	132
		2,4,6-Tribromophenol	150	121	81		44	137
		Terphenyl-d14	100	86.1	86		42	152
Q2681-01MS	NYPA-POUCH-SPENT-CARBONMS	2-Fluorophenol	150	116	77		23	138
		Phenol-d6	150	107	72		10	134
		Nitrobenzene-d5	100	79.3	79		67	132
		2-Fluorobiphenyl	100	79.7	80		52	132
		2,4,6-Tribromophenol	150	120	80		44	137
		Terphenyl-d14	100	85.8	86		42	152
Q2681-01MSD	NYPA-POUCH-SPENT-CARBONMS	2-Fluorophenol	150	119	79		23	138
		Phenol-d6	150	109	73		10	134
		Nitrobenzene-d5	100	82.3	82		67	132
		2-Fluorobiphenyl	100	82.7	83		52	132
		2,4,6-Tribromophenol	150	124	83		44	137
		Terphenyl-d14	100	86.2	86		42	152

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2681 **Analytical Method:** SW8270E

Client: Core Environmental Consultants and Ser **DataFile:** BP025268.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2681-01MS		**Client Sample ID: NYPA-POUCH-SPENT-CARBONMS**									
Pyridine	500	0	340	ug/L	68				10	109	
1,4-Dichlorobenzene	500	0	400	ug/L	80				55	125	
2-Methylphenol	500	0	420	ug/L	84				60	131	
3+4-Methylphenols	500	0	410	ug/L	82				54	136	
Hexachloroethane	500	0	400	ug/L	80				19	146	
Nitrobenzene	500	0	440	ug/L	88				62	112	
Hexachlorobutadiene	500	0	400	ug/L	80				52	125	
2,4,6-Trichlorophenol	500	0	460	ug/L	92				78	112	
2,4,5-Trichlorophenol	500	0	460	ug/L	92				71	111	
2,4-Dinitrotoluene	500	0	490	ug/L	98				74	137	
Hexachlorobenzene	500	0	450	ug/L	90				72	115	
Pentachlorophenol	1000	0	820	ug/L	82				52	162	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2681 **Analytical Method:** SW8270E

Client: Core Environmental Consultants and Ser **DataFile:** BP025269.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2681-01MSD		**Client Sample ID: NYPA-POUCH-SPENT-CARBONMS**									
Pyridine	500	0	350	ug/L	70	3			10	109	20
1,4-Dichlorobenzene	500	0	400	ug/L	80	0			55	125	20
2-Methylphenol	500	0	430	ug/L	86	2			60	131	20
3+4-Methylphenols	500	0	420	ug/L	84	2			54	136	20
Hexachloroethane	500	0	400	ug/L	80	0			19	146	20
Nitrobenzene	500	0	460	ug/L	92	4			62	112	20
Hexachlorobutadiene	500	0	420	ug/L	84	5			52	125	20
2,4,6-Trichlorophenol	500	0	470	ug/L	94	2			78	112	20
2,4,5-Trichlorophenol	500	0	470	ug/L	94	2			71	111	20
2,4-Dinitrotoluene	500	0	500	ug/L	100	2			74	137	20
Hexachlorobenzene	500	0	460	ug/L	92	2			72	115	20
Pentachlorophenol	1000	0	860	ug/L	86	5			52	162	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2681 **Analytical Method:** 8270E

Client: Core Environmental Consultants and Services, Inc. **DataFile:** BP025263.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169045BS	Pyridine	50	35.2	ug/L	70				29	97	
	1,4-Dichlorobenzene	50	42.8	ug/L	86				76	103	
	2-Methylphenol	50	46.9	ug/L	94				69	109	
	3+4-Methylphenols	50	46.2	ug/L	92				67	106	
	Hexachloroethane	50	42.4	ug/L	85				76	118	
	Nitrobenzene	50	45.3	ug/L	91				58	106	
	Hexachlorobutadiene	50	41.9	ug/L	84				69	101	
	2,4,6-Trichlorophenol	50	44.8	ug/L	90				61	110	
	2,4,5-Trichlorophenol	50	44.6	ug/L	89				70	106	
	2,4-Dinitrotoluene	50	48.1	ug/L	96				60	115	
	Hexachlorobenzene	50	44.5	ug/L	89				73	106	
	Pentachlorophenol	100	81.7	ug/L	82				47	114	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169045BL

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG NO.: Q2681

Lab File ID: BP025262.D | Lab Sample ID: PB169045BL

Instrument ID: BNA_P | Date Extracted: 07/29/2025

Matrix: (soil/water) water | Date Analyzed: 07/29/2025

Level: (low/med) LOW | Time Analyzed: 15:16

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169045BS	PB169045BS	BP025263.D	07/29/2025
NYPA-POUCH-SPENT-CARBON	Q2681-01	BP025267.D	07/29/2025
NYPA-POUCH-SPENT-CARBONMS	Q2681-01MS	BP025268.D	07/29/2025
NYPA-POUCH-SPENT-CARBONMSD	Q2681-01MSD	BP025269.D	07/29/2025
PB168986TB	PB168986TB	BP025265.D	07/29/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q2681

Lab File ID: BP025194.D DFTPP Injection Date: 07/21/2025

Instrument ID: BNA_P DFTPP Injection Time: 13:02

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	28
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	14.8
442	Greater than 50% of mass 198	94.8
443	15.0 - 24.0% of mass 442	18.5 (19.5) 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	BP025196.D	07/21/2025	14:25
SSTDICC005	SSTDICC005	BP025197.D	07/21/2025	15:06
SSTDICC010	SSTDICC010	BP025198.D	07/21/2025	15:47
SSTDICC020	SSTDICC020	BP025199.D	07/21/2025	16:29
SSTDICCC040	SSTDICCC040	BP025200.D	07/21/2025	17:10
SSTDICC050	SSTDICC050	BP025201.D	07/21/2025	17:51
SSTDICC060	SSTDICC060	BP025202.D	07/21/2025	18:32
SSTDICC080	SSTDICC080	BP025203.D	07/21/2025	19:14

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q2681

Lab File ID: BP025260.D DFTPP Injection Date: 07/29/2025

Instrument ID: BNA_P DFTPP Injection Time: 13:53

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	32.2
70	Less than 2.0% of mass 69	0.2 (0.7) 1
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	13.5
442	Greater than 50% of mass 198	85.2
443	15.0 - 24.0% of mass 442	17.2 (20.1) 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	BP025261.D	07/29/2025	14:34
PB169045BL	PB169045BL	BP025262.D	07/29/2025	15:16
PB169045BS	PB169045BS	BP025263.D	07/29/2025	15:57
PB168986TB	PB168986TB	BP025265.D	07/29/2025	17:21
NYPA-POUCH-SPENT-CARBON	Q2681-01	BP025267.D	07/29/2025	18:49
NYPA-POUCH-SPENT-CARBONMS	Q2681-01MS	BP025268.D	07/29/2025	19:30
NYPA-POUCH-SPENT-CARBONMSD	Q2681-01MSD	BP025269.D	07/29/2025	20:12

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2681

Client ID : SSTDCCC040 Date Analyzed: 07/29/2025

Lab File ID: BP025261.D Time Analyzed: 14:34

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	438875	7.402	1849290	10.14	1224770	14.05
	UPPER LIMIT	877750	7.902	3698580	10.643	2449540	14.548
	LOWER LIMIT	219438	6.902	924645	9.643	612385	13.548
	EPA SAMPLE NO.						
01	PB169045BL	365573	7.40	1407610	10.14	920732	14.04
02	PB169045BS	395184	7.40	1597490	10.14	1063390	14.04
03	PB168986TB	358085	7.40	1361240	10.14	833557	14.04
04	NYPA-POUCH-SPENT-CARBON	356287	7.40	1336640	10.14	804558	14.05
05	NYPA-POUCH-SPENT-CARBONMS	410904	7.40	1583410	10.13	1004130	14.05
06	NYPA-POUCH-SPENT-CARBONMSD	384313	7.40	1463130	10.14	919304	14.05

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: Alliance

Lab Code: ACE SDG NO.: Q2681

Client ID: SSTDCCC040 Date Analyzed: 07/29/2025

Lab File ID: BP025261.D Time Analyzed: 14:34

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	2455710	16.878	2538130	21.307	2969640	24.412
	UPPER LIMIT	4911420	17.378	5076260	21.807	5939280	24.912
	LOWER LIMIT	1227860	16.378	1269070	20.807	1484820	23.912
	EPA SAMPLE NO.						
01	PB169045BL	1911410	16.87	2107200	21.31	2470260	24.42
02	PB169045BS	2167840	16.88	2293730	21.30	2662270	24.42
03	PB168986TB	1780550	16.86	2040550	21.30	2402930	24.42
04	NYPA-POUCH-SPENT-CARBON	1660350	16.87	1921490	21.30	2295190	24.40
05	NYPA-POUCH-SPENT-CARBONMS	2004290	16.86	2127410	21.30	2531250	24.41
06	NYPA-POUCH-SPENT-CARBONMSD	1866640	16.86	2042820	21.30	2451110	24.41

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:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	NYPA	Date Received:	
Client Sample ID:	PB169045BL	SDG No.:	Q2681
Lab Sample ID:	PB169045BL	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 :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025262.D	1	07/29/25 09:44	07/29/25 15:16	PB169045

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	5.00	U	1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	5.00	U	0.53	5.00	ug/L
95-48-7	2-Methylphenol	5.00	U	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	10.0	U	1.10	10.0	ug/L
67-72-1	Hexachloroethane	5.00	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	5.00	U	0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	5.00	U	0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	5.00	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	5.00	U	0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	5.00	U	1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	5.00	U	0.52	5.00	ug/L
87-86-5	Pentachlorophenol	10.0	U	1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	134		23 - 138	89%	SPK: 150
13127-88-3	Phenol-d6	131		10 - 134	87%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.2		67 - 132	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.1		52 - 132	85%	SPK: 100
118-79-6	2,4,6-Tribromophenol	128		44 - 137	85%	SPK: 150
1718-51-0	Terphenyl-d14	86.6		42 - 152	87%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	366000	7.401			
1146-65-2	Naphthalene-d8	1410000	10.143			
15067-26-2	Acenaphthene-d10	921000	14.042			
1517-22-2	Phenanthrene-d10	1910000	16.866			
1719-03-5	Chrysene-d12	2110000	21.307			
1520-96-3	Perylene-d12	2470000	24.424			

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.			Date Collected:	
Project:	NYPA			Date Received:	
Client Sample ID:	PB169045BL			SDG No.:	Q2681
Lab Sample ID:	PB169045BL			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 :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025262.D	1	07/29/25 09:44	07/29/25 15:16	PB169045

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:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	NYPA	Date Received:	
Client Sample ID:	PB169045BS	SDG No.:	Q2681
Lab Sample ID:	PB169045BS	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 :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025263.D	1	07/29/25 09:44	07/29/25 15:57	PB169045

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	35.2		1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	42.8		0.53	5.00	ug/L
95-48-7	2-Methylphenol	46.9		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	46.2		1.10	10.0	ug/L
67-72-1	Hexachloroethane	42.4		0.65	5.00	ug/L
98-95-3	Nitrobenzene	45.3		0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	41.9		0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	44.8		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	44.6		0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	48.1		1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	44.5		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	81.7	E	1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	126		23 - 138	84%	SPK: 150
13127-88-3	Phenol-d6	128		10 - 134	85%	SPK: 150
4165-60-0	Nitrobenzene-d5	76.4		67 - 132	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.8		52 - 132	77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	120		44 - 137	80%	SPK: 150
1718-51-0	Terphenyl-d14	84.5		42 - 152	84%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	395000	7.402			
1146-65-2	Naphthalene-d8	1600000	10.143			
15067-26-2	Acenaphthene-d10	1060000	14.043			
1517-22-2	Phenanthrene-d10	2170000	16.878			
1719-03-5	Chrysene-d12	2290000	21.301			
1520-96-3	Perylene-d12	2660000	24.418			

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	NYPA	Date Received:	
Client Sample ID:	PB169045BS	SDG No.:	Q2681
Lab Sample ID:	PB169045BS	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 :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025263.D	1	07/29/25 09:44	07/29/25 15:57	PB169045

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:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/23/25
Project:	NYPA	Date Received:	07/23/25
Client Sample ID:	NYPA-POUCH-SPENT-CARBONMS	SDG No.:	Q2681
Lab Sample ID:	Q2681-01MS	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 :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025268.D	1	07/29/25 09:44	07/29/25 19:30	PB169045

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	340		12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	400		5.30	50.0	ug/L
95-48-7	2-Methylphenol	420		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	410		11.0	100	ug/L
67-72-1	Hexachloroethane	400		6.50	50.0	ug/L
98-95-3	Nitrobenzene	440		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	400		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	460		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	460		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	490		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	450		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	820	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	116		23 - 138	77%	SPK: 150
13127-88-3	Phenol-d6	107		10 - 134	72%	SPK: 150
4165-60-0	Nitrobenzene-d5	79.3		67 - 132	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.7		52 - 132	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	120		44 - 137	80%	SPK: 150
1718-51-0	Terphenyl-d14	85.8		42 - 152	86%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	411000	7.402			
1146-65-2	Naphthalene-d8	1580000	10.131			
15067-26-2	Acenaphthene-d10	1000000	14.048			
1517-22-2	Phenanthrene-d10	2000000	16.86			
1719-03-5	Chrysene-d12	2130000	21.301			
1520-96-3	Perylene-d12	2530000	24.407			

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/23/25
Project:	NYPA	Date Received:	07/23/25
Client Sample ID:	NYPA-POUCH-SPENT-CARBONMS	SDG No.:	Q2681
Lab Sample ID:	Q2681-01MS	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 :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025268.D	1	07/29/25 09:44	07/29/25 19:30	PB169045

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:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/23/25
Project:	NYPA	Date Received:	07/23/25
Client Sample ID:	NYPA-POUCH-SPENT-CARBONMSD	SDG No.:	Q2681
Lab Sample ID:	Q2681-01MSD	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 :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025269.D	1	07/29/25 09:44	07/29/25 20:12	PB169045

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	350		12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	400		5.30	50.0	ug/L
95-48-7	2-Methylphenol	430		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	420		11.0	100	ug/L
67-72-1	Hexachloroethane	400		6.50	50.0	ug/L
98-95-3	Nitrobenzene	460		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	420		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	470		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	470		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	500		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	460		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	860	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	119		23 - 138	79%	SPK: 150
13127-88-3	Phenol-d6	109		10 - 134	73%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.3		67 - 132	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.7		52 - 132	83%	SPK: 100
118-79-6	2,4,6-Tribromophenol	124		44 - 137	83%	SPK: 150
1718-51-0	Terphenyl-d14	86.2		42 - 152	86%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	384000	7.396			
1146-65-2	Naphthalene-d8	1460000	10.137			
15067-26-2	Acenaphthene-d10	919000	14.048			
1517-22-2	Phenanthrene-d10	1870000	16.86			
1719-03-5	Chrysene-d12	2040000	21.301			
1520-96-3	Perylene-d12	2450000	24.413			

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/23/25
Project:	NYPA	Date Received:	07/23/25
Client Sample ID:	NYPA-POUCH-SPENT-CARBONMSD	SDG No.:	Q2681
Lab Sample ID:	Q2681-01MSD	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 :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025269.D	1	07/29/25 09:44	07/29/25 20:12	PB169045

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 MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP072125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jul 22 02:55:21 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP025196.D 5 =BP025197.D 10 =BP025198.D 20 =BP025199.D 40 =BP025200.D 50 =BP025201.D 60 =BP025202.D 80 =BP0252
03.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.465	0.448	0.444	0.428	0.465	0.439	0.417	0.444	4.00
3)		Pyridine		1.216	1.139	1.178	1.166	1.258	1.199	1.155	1.188	3.42
4)		n-Nitrosodimet...			0.443	0.468	0.468	0.502	0.481	0.463	0.471	4.16
5)	S	2-Fluorophenol		1.225	1.157	1.200	1.163	1.241	1.183	1.117	1.184	3.58
6)		Aniline		1.917	1.817	1.913	1.926	2.037	1.940	1.864	1.916	3.55
7)	S	Phenol-d6		1.475	1.426	1.477	1.468	1.544	1.473	1.399	1.466	3.11
8)		2-Chlorophenol		1.343	1.287	1.346	1.338	1.421	1.365	1.301	1.343	3.27
9)		Benzaldehyde			0.925	0.954	1.109	1.237	0.994	0.745	0.994	16.85
10)	C	Phenol		1.528	1.464	1.521	1.519	1.613	1.531	1.466	1.520	3.29
11)		bis(2-Chloroet...		1.181	1.125	1.157	1.164	1.243	1.170	1.118	1.166	3.54
12)		1,3-Dichlorobe...		1.563	1.492	1.514	1.493	1.579	1.502	1.429	1.510	3.31
13)	C	1,4-Dichlorobe...		1.574	1.496	1.532	1.506	1.603	1.514	1.447	1.525	3.39
14)		1,2-Dichlorobe...		1.534	1.420	1.461	1.451	1.542	1.456	1.401	1.467	3.65
15)		Benzyl Alcohol			1.000	1.051	1.063	1.123	1.077	1.031	1.057	3.95
16)		2,2'-oxybis(1-...		1.518	1.433	1.497	1.487	1.595	1.483	1.426	1.491	3.79
17)		2-Methylphenol		1.045	1.003	1.053	1.058	1.130	1.065	1.025	1.054	3.77
18)		Hexachloroethane		0.529	0.510	0.517	0.520	0.557	0.530	0.507	0.524	3.19
19)	P	n-Nitroso-di-n...	0.864	0.909	0.837	0.899	0.888	0.949	0.881	0.830	0.882	4.41
20)		3+4-Methylphenols			1.354	1.436	1.440	1.549	1.462	1.386	1.438	4.68
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.479	0.468	0.482	0.450	0.490	0.463	0.427	0.465	4.67
23)	S	Nitrobenzene-d5		0.368	0.355	0.369	0.352	0.380	0.363	0.332	0.360	4.24
24)		Nitrobenzene		0.322	0.317	0.326	0.314	0.338	0.325	0.304	0.321	3.34
25)		Isophorone		0.649	0.613	0.647	0.622	0.663	0.635	0.600	0.633	3.51
26)	C	2-Nitrophenol		0.173	0.169	0.183	0.183	0.201	0.194	0.186	0.184	6.05
27)		2,4-Dimethylph...		0.306	0.300	0.312	0.303	0.328	0.314	0.295	0.308	3.53
28)		bis(2-Chloroet...		0.408	0.391	0.406	0.383	0.417	0.399	0.367	0.396	4.34
29)	C	2,4-Dichloroph...		0.314	0.305	0.320	0.313	0.336	0.322	0.306	0.317	3.35
30)		1,2,4-Trichlor...		0.359	0.345	0.349	0.334	0.361	0.347	0.326	0.346	3.58
31)		Naphthalene		1.078	1.018	1.046	0.996	1.070	1.016	0.941	1.023	4.61
32)		Benzoic acid			0.182	0.226	0.235	0.262	0.258	0.249	0.235	12.48
33)		4-Chloroaniline		0.456	0.437	0.456	0.438	0.475	0.462	0.426	0.450	3.75
34)	C	Hexachlorobuta...		0.213	0.205	0.211	0.203	0.217	0.211	0.197	0.208	3.33
35)		Caprolactam			0.099	0.107	0.101	0.112	0.109	0.103	0.105	4.63
36)	C	4-Chloro-3-met...		0.313	0.311	0.322	0.307	0.333	0.324	0.306	0.317	3.23
37)		2-Methylnaphth...		0.687	0.659	0.681	0.646	0.696	0.664	0.620	0.665	3.95
38)		1-Methylnaphth...		0.733	0.692	0.714	0.681	0.732	0.695	0.639	0.698	4.70

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP072125.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.611	0.588	0.601	0.590	0.639	0.597	0.571	0.599	3.54
41)	P	Hexachlorocycl...		0.288	0.329	0.354	0.403	0.392	0.381	0.358	12.18
42)	S	2,4,6-Tribromo...	0.297	0.288	0.298	0.288	0.316	0.296	0.281	0.295	3.77
43)	C	2,4,6-Trichlor...	0.391	0.394	0.412	0.408	0.442	0.416	0.405	0.410	4.09
44)		2,4,5-Trichlor...	0.437	0.438	0.452	0.450	0.478	0.459	0.441	0.451	3.25
45)	S	2-Fluorobiphenyl	1.616	1.525	1.525	1.401	1.486	1.252	1.125	1.419	12.22
46)		1,1'-Biphenyl	1.523	1.474	1.469	1.426	1.502	1.418	1.336	1.450	4.32
47)		2-Chloronaphth...	1.176	1.144	1.126	1.104	1.178	1.123	1.072	1.132	3.37
48)		2-Nitroaniline	0.267	0.274	0.290	0.287	0.319	0.297	0.290	0.289	5.72
49)		Acenaphthylene	1.890	1.843	1.893	1.809	1.958	1.802	1.620	1.831	5.88
50)		Dimethylphthalate	1.515	1.438	1.457	1.378	1.508	1.401	1.315	1.430	5.01
51)		2,6-Dinitrotol...	0.292	0.295	0.312	0.310	0.335	0.321	0.310	0.311	4.80
52)	C	Acenaphthene	1.108	1.069	1.077	1.030	1.127	1.032	0.968	1.059	5.08
53)		3-Nitroaniline	0.328	0.337	0.352	0.342	0.384	0.360	0.350	0.350	5.15
54)	P	2,4-Dinitrophenol		0.133	0.167	0.181	0.211	0.207	0.205	0.184	16.39
55)		Dibenzofuran	1.831	1.721	1.749	1.676	1.784	1.658	1.550	1.710	5.40
56)	P	4-Nitrophenol		0.277	0.299	0.289	0.323	0.313	0.298	0.300	5.57
57)		2,4-Dinitrotol...	0.395	0.402	0.439	0.434	0.482	0.457	0.437	0.435	6.88
58)		Fluorene	1.467	1.383	1.399	1.327	1.413	1.294	1.221	1.358	6.10
59)		2,3,4,6-Tetrac...	0.397	0.380	0.402	0.391	0.427	0.406	0.390	0.399	3.75
60)		Diethylphthalate	1.490	1.408	1.428	1.379	1.504	1.377	1.282	1.410	5.34
61)		4-Chlorophenyl...	0.742	0.707	0.697	0.673	0.704	0.657	0.623	0.686	5.66
62)		4-Nitroaniline	0.335	0.339	0.367	0.346	0.389	0.366	0.353	0.356	5.28
63)		Azobenzene	1.159	1.123	1.169	1.121	1.219	1.156	1.095	1.149	3.53
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.101	0.123	0.132	0.145	0.138	0.136	0.129	12.09
66)	c	n-Nitrosodiphe...	0.637	0.617	0.625	0.601	0.634	0.596	0.539	0.607	5.56
67)		4-Bromophenyl-...	0.234	0.231	0.233	0.233	0.248	0.235	0.220	0.233	3.51
68)		Hexachlorobenzene	0.282	0.275	0.281	0.280	0.289	0.276	0.257	0.277	3.70
69)		Atrazine	0.222	0.223	0.230	0.221	0.239	0.226	0.212	0.225	3.79
70)	C	Pentachlorophenol		0.170	0.187	0.190	0.203	0.196	0.185	0.188	5.87
71)		Phenanthrene	1.158	1.116	1.115	1.070	1.112	1.047	0.932	1.079	6.85
72)		Anthracene	1.140	1.130	1.142	1.083	1.161	1.065	0.885	1.087	8.77
73)		Carbazole	1.095	1.071	1.086	1.029	1.101	1.004	0.875	1.037	7.70
74)		Di-n-butylphth...	1.264	1.248	1.288	1.211	1.300	1.145	0.923	1.197	11.01
75)	C	Fluoranthene	1.350	1.343	1.337	1.252	1.306	1.185	1.114	1.270	7.15
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.711	0.783	0.846	0.716	0.626	0.531	0.702	15.92
78)		Pyrene	1.316	1.229	1.273	1.258	1.279	1.187	1.090	1.233	6.09
79)	S	Terphenyl-d14	1.209	1.162	1.127	0.890	0.967	0.724		1.013	18.40
80)		Butylbenzylpht...	0.558	0.536	0.560	0.564	0.587	0.566	0.537	0.558	3.17
81)		Benzo(a)anthra...	1.339	1.289	1.311	1.244	1.322	1.221	1.115	1.263	6.14
82)		3,3'-Dichlorob...		0.524	0.550	0.509	0.550	0.525	0.483	0.524	4.89
83)		Chrysene	1.254	1.202	1.215	1.159	1.236	1.147	1.040	1.179	6.13
84)		Bis(2-ethylhex...	0.828	0.801	0.817	0.802	0.840	0.780	0.719	0.798	5.02
85)	c	Di-n-octyl pht...		1.368	1.457	1.384	1.492	1.354	1.214	1.378	7.01

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP072125.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.498	1.428	1.461	1.426	1.540	1.460	1.417	1.462	3.02
88)		Benzo(b)fluora...	1.200	1.164	1.149	1.132	1.187	1.123	1.059	1.145	4.11
89)		Benzo(k)fluora...	1.191	1.117	1.148	1.134	1.201	1.118	1.003	1.130	5.77
90)	C	Benzo(a)pyrene	1.144	1.099	1.131	1.103	1.183	1.108	1.050	1.117	3.73
91)		Dibenzo(a,h)an...	1.216	1.181	1.205	1.175	1.251	1.190	1.128	1.192	3.20
92)		Benzo(g,h,i)pe...	1.211	1.141	1.178	1.150	1.226	1.163	1.135	1.172	2.99

(#) = Out of Range

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q2681

Instrument ID: BNA_P Calibration Date/Time: 07/29/2025 14:34

Lab File ID: BP025261.D Init. Calib. Date(s): 07/21/2025 07/21/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:25 19:14

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.188	1.160		-2.4	
2-Fluorophenol	1.184	1.176		-0.7	
Phenol-d6	1.466	1.523		3.9	
1,4-Dichlorobenzene	1.525	1.509		-1.0	20.0
2-Methylphenol	1.054	1.099		4.3	
3+4-Methylphenols	1.438	1.459		1.5	
Nitrobenzene-d5	0.360	0.366		1.7	
Hexachloroethane	0.524	0.518		-1.1	
Nitrobenzene	0.321	0.328		2.2	
Hexachlorobutadiene	0.208	0.201		-3.4	20.0
2,4,6-Trichlorophenol	0.410	0.399		-2.7	20.0
2-Fluorobiphenyl	1.419	1.451		2.3	
2,4,5-Trichlorophenol	0.451	0.437		-3.1	
2,4-Dinitrotoluene	0.435	0.444		2.1	
2,4,6-Tribromophenol	0.295	0.277		-6.1	
Hexachlorobenzene	0.277	0.267		-3.6	
Pentachlorophenol	0.188	0.204		8.5	20.0
Terphenyl-d14	1.013	1.013		0.0	

All other compounds must meet a minimum RRF of 0.010.

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LAB CHRONICLE

OrderID:	Q2681	**OrderDate:**	7/23/2025 2:59:39 PM
Client:	Core Environmental Consultants and Services, Inc.	**Project:**	NYPA
Contact:	Roland Scardino	**Location:**	D21

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2681-01	**NYPA-POUCH-SPENT-CARBON**	**SOIL**			**07/23/25**			**07/23/25**
			PCB	8082A		07/24/25	07/25/25	
			TCLP Herbicide	8151A		07/29/25	07/30/25	
			TCLP Pesticide	8081B		07/29/25	07/29/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q2681 **Order ID:** Q2681

Client: Core Environmental Consultants and Services, In **Project ID:** NYPA

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,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	NYPA	Date Received:	07/29/25
Client Sample ID:	PB168986TB	SDG No.:	Q2681
Lab Sample ID:	PB168986TB	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096629.D	1	07/29/25 08:48	07/29/25 17:58	PB169038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.50	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.50	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.50	U	0.096	0.50	ug/L
72-20-8	Endrin	0.50	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.50	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	10.0	U	1.70	10.0	ug/L
57-74-9	Chlordane	5.00	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.9		57 - 171	104%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.7		61 - 148	98%	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:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/23/25
Project:	NYPA	Date Received:	07/23/25
Client Sample ID:	NYPA-POUCH-SPENT-CARBON	SDG No.:	Q2681
Lab Sample ID:	Q2681-01	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096630.D	1	07/29/25 08:48	07/29/25 18:11	PB169038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.50	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.50	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.50	U	0.096	0.50	ug/L
72-20-8	Endrin	0.50	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.50	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	10.0	U	1.70	10.0	ug/L
57-74-9	Chlordane	5.00	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.8		57 - 171	104%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.9		61 - 148	84%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
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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,
Fax : 908 789 8922

Surrogate Summary

SDG No.: Q2681

Client: Core Environmental Consultants and Ser

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PL096593.D	PIBLK-PL096593.D	Decachlorobiphen	1	20	19.2	96		57	171
		Tetrachloro-m-xyl	1	20	18.6	93		61	148
		Decachlorobiphen	2	20	19.1	95		57	171
		Tetrachloro-m-xyl	2	20	18.3	92		61	148
I.BLK-PL096625.D	PIBLK-PL096625.D	Decachlorobiphen	1	20	22.9	114		57	171
		Tetrachloro-m-xyl	1	20	21.0	105		61	148
		Decachlorobiphen	2	20	21.4	107		57	171
		Tetrachloro-m-xyl	2	20	21.7	108		61	148
PB169038BL	PB169038BL	Decachlorobiphen	1	20	19.5	97		57	171
		Tetrachloro-m-xyl	1	20	18.3	92		61	148
		Decachlorobiphen	2	20	20.6	103		57	171
		Tetrachloro-m-xyl	2	20	19.4	97		61	148
PB169038BS	PB169038BS	Decachlorobiphen	1	20	18.9	95		57	171
		Tetrachloro-m-xyl	1	20	17.9	90		61	148
		Decachlorobiphen	2	20	20.0	100		57	171
		Tetrachloro-m-xyl	2	20	18.9	94		61	148
PB168986TB	PB168986TB	Decachlorobiphen	1	20	19.8	99		57	171
		Tetrachloro-m-xyl	1	20	18.7	93		61	148
		Decachlorobiphen	2	20	20.9	104		57	171
		Tetrachloro-m-xyl	2	20	19.7	98		61	148
Q2681-01	NYPA-POUCH-SPENT-CARBO	Decachlorobiphen	1	20	19.6	98		57	171
		Tetrachloro-m-xyl	1	20	15.9	79		61	148
		Decachlorobiphen	2	20	20.8	104		57	171
		Tetrachloro-m-xyl	2	20	16.9	84		61	148
Q2681-01MS	NYPA-POUCH-SPENT-CARBO	Decachlorobiphen	1	20	20.4	102		57	171
		Tetrachloro-m-xyl	1	20	16.4	82		61	148
		Decachlorobiphen	2	20	21.4	107		57	171
		Tetrachloro-m-xyl	2	20	17.5	87		61	148
Q2681-01MSD	NYPA-POUCH-SPENT-CARBO	Decachlorobiphen	1	20	20.6	103		57	171
		Tetrachloro-m-xyl	1	20	16.8	84		61	148
		Decachlorobiphen	2	20	21.7	109		57	171
		Tetrachloro-m-xyl	2	20	17.9	89		61	148
I.BLK-PL096633.D	PIBLK-PL096633.D	Decachlorobiphen	1	20	21.6	108		57	171
		Tetrachloro-m-xyl	1	20	20.7	103		61	148
		Decachlorobiphen	2	20	23.3	116		57	171
		Tetrachloro-m-xyl	2	20	21.5	108		61	148

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2681 **Analytical Method:** 8081B

Client: Core Environmental Consultants and Serv **DataFile :** PL096631.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q2681-01MS (Column 1)**	**Client Sample ID:**		**NYPA-POUCH-SPENT-C**								
	gamma-BHC (Lindane)	5	0	4.80	ug/L	96				60	152	
	Heptachlor	5	0	4.60	ug/L	92				56	147	
	Heptachlor epoxide	5	0	4.90	ug/L	98				77	143	
	Endrin	5	0	5.00	ug/L	100				76	144	
	Methoxychlor	5	0	4.80	ug/L	96				70	142	
Lab Sample ID:	**Q2681-01MS (Column 2)**	**Client Sample ID:**		**NYPA-POUCH-SPENT-C**								
	gamma-BHC (Lindane)	5	0	5.00	ug/L	100				60	152	
	Heptachlor	5	0	4.70	ug/L	94				56	147	
	Heptachlor epoxide	5	0	5.00	ug/L	100				77	143	
	Endrin	5	0	5.00	ug/L	100				76	144	
	Methoxychlor	5	0	4.90	ug/L	98				70	142	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2681 **Analytical Method:** 8081B

Client: Core Environmental Consultants and Serv **DataFile :** PL096632.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q2681-01MSD (Column 1)**	**Client Sample ID:**		**NYPA-POUCH-SPENT-C**								
	gamma-BHC (Lindane)	5	0	4.90	ug/L	98		2		60	152	20
	Heptachlor	5	0	4.70	ug/L	94		2		56	147	20
	Heptachlor epoxide	5	0	5.00	ug/L	100		2		77	143	20
	Endrin	5	0	5.00	ug/L	100		0		76	144	20
	Methoxychlor	5	0	4.80	ug/L	96		0		70	142	20
Lab Sample ID:	**Q2681-01MSD (Column 2)**	**Client Sample ID:**		**NYPA-POUCH-SPENT-C**								
	gamma-BHC (Lindane)	5	0	5.10	ug/L	102		2		60	152	20
	Heptachlor	5	0	4.80	ug/L	96		2		56	147	20
	Heptachlor epoxide	5	0	5.10	ug/L	102		2		77	143	20
	Endrin	5	0	5.20	ug/L	104		4		76	144	20
	Methoxychlor	5	0	5.00	ug/L	100		2		70	142	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2681 **Analytical Method:** 8081B

Client: Core Environmental Consultants and Serv **Datafile :** PL096628.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169038BS (Column 1)	gamma-BHC (Lindane)	0.5	0.48	ug/L	97				82	129	
	Heptachlor	0.5	0.49	ug/L	98				79	127	
	Heptachlor epoxide	0.5	0.49	ug/L	98				81	124	
	Endrin	0.5	0.47	ug/L	94				81	128	
	Methoxychlor	0.5	0.46	ug/L	93				78	108	
PB169038BS (Column 2)	gamma-BHC (Lindane)	0.5	0.51	ug/L	102				82	129	
	Heptachlor	0.5	0.50	ug/L	100				79	127	
	Heptachlor epoxide	0.5	0.50	ug/L	101				81	124	
	Endrin	0.5	0.51	ug/L	103				81	128	
	Methoxychlor	0.5	0.48	ug/L	95				78	108	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB169038BL

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG NO.: Q2681

Lab Sample ID: PB169038BL | Lab File ID: PL096627.D

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

Sulfur Cleanup: (Y/N) N | Date Extracted: 07/29/2025

Date Analyzed (1): 07/29/2025 | Date Analyzed (2): 07/29/2025

Time Analyzed (1): 17:31 | Time Analyzed (2): 17:31

Instrument ID (1): ECD_L | Instrument ID (2): ECD_L

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
PB169038BS	PB169038BS	PL096628.D	07/29/2025	07/29/2025
PB168986TB	PB168986TB	PL096629.D	07/29/2025	07/29/2025
NYPA-POUCH-SPENT-CARBON	Q2681-01	PL096630.D	07/29/2025	07/29/2025
NYPA-POUCH-SPENT-CARBONMS	Q2681-01MS	PL096631.D	07/29/2025	07/29/2025
NYPA-POUCH-SPENT-CARBONMSD	Q2681-01MSD	PL096632.D	07/29/2025	07/29/2025

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	NYPA	Date Received:	
Client Sample ID:	PB169038BL	SDG No.:	Q2681
Lab Sample ID:	PB169038BL	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096627.D	1	07/29/25 08:48	07/29/25 17:31	PB169038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.050	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.050	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.050	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.050	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.050	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	1.00	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.50	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.6		57 - 171	103%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.4		61 - 148	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

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/28/25
Project:	NYPA	Date Received:	07/28/25
Client Sample ID:	PIBLK-PL096593.D	SDG No.:	Q2681
Lab Sample ID:	I.BLK-PL096593.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096593.D	1		07/28/25	pl072825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.050	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.050	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.050	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.050	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.050	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	1.00	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.50	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.2		57 - 171	96%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.6		61 - 148	93%	SPK: 20

Comments:

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() = Laboratory InHouse Limit

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/29/25
Project:	NYPA	Date Received:	07/29/25
Client Sample ID:	PIBLK-PL096625.D	SDG No.:	Q2681
Lab Sample ID:	I.BLK-PL096625.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096625.D	1		07/29/25	pl072925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.050	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.050	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.050	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.050	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.050	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	1.00	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.50	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.9		57 - 171	114%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.7		61 - 148	108%	SPK: 20

Comments:

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() = Laboratory InHouse Limit

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/29/25
Project:	NYPA	Date Received:	07/29/25
Client Sample ID:	PIBLK-PL096633.D	SDG No.:	Q2681
Lab Sample ID:	I.BLK-PL096633.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096633.D	1		07/29/25	pl072925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.050	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.050	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.050	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.050	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.050	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	1.00	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.50	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	23.3		57 - 171	116%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.5		61 - 148	108%	SPK: 20

Comments:

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() = Laboratory InHouse Limit

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	NYPA	Date Received:	
Client Sample ID:	PB169038BS	SDG No.:	Q2681
Lab Sample ID:	PB169038BS	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096628.D	1	07/29/25 08:48	07/29/25 17:44	PB169038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.51		0.0037	0.050	ug/L
76-44-8	Heptachlor	0.50		0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.50		0.0096	0.050	ug/L
72-20-8	Endrin	0.51		0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.48		0.011	0.050	ug/L
8001-35-2	Toxaphene	1.00	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.50	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.0		57 - 171	100%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.9		61 - 148	94%	SPK: 20

Comments:

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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
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() = Laboratory InHouse Limit

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Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/23/25
Project:	NYPA	Date Received:	07/23/25
Client Sample ID:	NYPA-POUCH-SPENT-CARBONMS	SDG No.:	Q2681
Lab Sample ID:	Q2681-01MS	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096631.D	1	07/29/25 08:48	07/29/25 18:25	PB169038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	5.00		0.037	0.50	ug/L
76-44-8	Heptachlor	4.70		0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	5.00		0.096	0.50	ug/L
72-20-8	Endrin	5.00		0.032	0.50	ug/L
72-43-5	Methoxychlor	4.90		0.11	0.50	ug/L
8001-35-2	Toxaphene	10.0	U	1.70	10.0	ug/L
57-74-9	Chlordane	5.00	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.4		57 - 171	107%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.5		61 - 148	87%	SPK: 20

Comments:

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/23/25
Project:	NYPA	Date Received:	07/23/25
Client Sample ID:	NYPA-POUCH-SPENT-CARBONMSD	SDG No.:	Q2681
Lab Sample ID:	Q2681-01MSD	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096632.D	1	07/29/25 08:48	07/29/25 18:39	PB169038

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	5.10		0.037	0.50	ug/L
76-44-8	Heptachlor	4.80		0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	5.10		0.096	0.50	ug/L
72-20-8	Endrin	5.20		0.032	0.50	ug/L
72-43-5	Methoxychlor	5.00		0.11	0.50	ug/L
8001-35-2	Toxaphene	10.0	U	1.70	10.0	ug/L
57-74-9	Chlordane	5.00	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.7		57 - 171	109%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.9		61 - 148	89%	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

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N = Presumptive Evidence of a Compound
* = Values outside of QC limits
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

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

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_L

Contract: CORE02
SDG NO.: Q2681
Calibration Date(s): 07/28/2025 07/28/2025
Calibration Times: 16:52 17:47

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

LAB FILE ID: RT 100 = PL096596.D RT 075 = PL096597.D
RT 050 = PL096598.D RT 025 = PL096599.D RT 005 = PL096600.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl	9.02	9.02	9.02	9.02	9.02	9.02	8.92	9.12
Endrin	6.54	6.54	6.54	6.54	6.54	6.54	6.44	6.64
gamma-BHC (Lindane)	4.31	4.31	4.31	4.31	4.31	4.31	4.21	4.41
Heptachlor	4.90	4.90	4.90	4.90	4.90	4.90	4.80	5.00
Heptachlor epoxide	5.66	5.66	5.66	5.66	5.66	5.66	5.56	5.76
Methoxychlor	7.46	7.46	7.46	7.46	7.46	7.46	7.36	7.56
Tetrachloro-m-xylene	3.54	3.54	3.54	3.54	3.53	3.53	3.43	3.63

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

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_L

Contract: CORE02
SDG NO.: Q2681
Calibration Date(s): 07/28/2025 07/28/2025
Calibration Times: 16:52 17:47

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

LAB FILE ID: RT 100 = PL096596.D RT 075 = PL096597.D
RT 050 = PL096598.D RT 025 = PL096599.D RT 005 = PL096600.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl	7.99	7.99	7.99	7.99	7.99	7.99	7.89	8.09
Endrin	5.71	5.71	5.71	5.71	5.71	5.71	5.61	5.81
gamma-BHC (Lindane)	3.67	3.67	3.67	3.67	3.66	3.66	3.56	3.76
Heptachlor	4.01	4.01	4.01	4.01	4.01	4.01	3.91	4.11
Heptachlor epoxide	4.80	4.80	4.80	4.80	4.80	4.80	4.70	4.90
Methoxychlor	6.68	6.68	6.68	6.68	6.68	6.68	6.58	6.78
Tetrachloro-m-xylene	2.83	2.83	2.83	2.83	2.83	2.83	2.73	2.93

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_L

Contract: CORE02
SDG NO.: Q2681
Calibration Date(s): 07/28/2025 07/28/2025
Calibration Times: 16:52 17:47

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

LAB FILE ID: **CF 100 =** PL096596.D **CF 075 =** PL096597.D
CF 050 = PL096598.D **CF 025 =** PL096599.D **CF 005 =** PL096600.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	2289370000	2250980000	2316430000	2450150000	2616360000	2384660000	6
Endrin	3129990000	2990370000	2986700000	3066080000	2960790000	3026790000	2
gamma-BHC (Lindane)	4576650000	4410990000	4390520000	4378210000	4360850000	4423440000	2
Heptachlor	4215340000	4096230000	4129500000	4154230000	4183150000	4155690000	1
Heptachlor epoxide	3888140000	3791890000	3847180000	3911860000	3843640000	3856540000	1
Methoxychlor	1449590000	1444460000	1478010000	1507550000	1462160000	1468350000	2
Tetrachloro-m-xylene	3176500000	3106160000	3136600000	3226680000	3257980000	3180780000	2

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_L

Contract: CORE02
SDG NO.: Q2681
Calibration Date(s): 07/28/2025 07/28/2025
Calibration Times: 16:52 17:47

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

LAB FILE ID: **CF 100 =** PL096596.D **CF 075 =** PL096597.D
CF 050 = PL096598.D **CF 025 =** PL096599.D **CF 005 =** PL096600.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	4108230000	4098750000	4223500000	4429960000	4831160000	4338320000	7
Endrin	5415430000	5344790000	5376200000	5344400000	5549010000	5405970000	2
gamma-BHC (Lindane)	6730030000	6610730000	6634310000	6589530000	6452200000	6603360000	2
Heptachlor	6694450000	6605950000	6658580000	6695280000	6655490000	6661950000	1
Heptachlor epoxide	5706360000	5635230000	5698940000	5730960000	5785230000	5711340000	1
Methoxychlor	2677460000	2673930000	2731560000	2788840000	2830690000	2740500000	3
Tetrachloro-m-xylene	4740810000	4674260000	4731000000	4815490000	4927290000	4777770000	2

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

Instrument ID: ECD_L **Date(s) Analyzed:** 07/28/2025 07/28/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Chlordane	500	1	4.69	4.59	4.79	161999000
		2	5.21	5.11	5.31	166820000
		3	5.92	5.82	6.02	653028000
		4	6.00	5.90	6.10	807063000
		5	6.84	6.74	6.94	127993000
Toxaphene	500	1	6.21	6.11	6.31	29153500
		2	6.61	6.51	6.71	24445000
		3	7.02	6.92	7.12	110273000
		4	7.11	7.01	7.21	81046400
		5	7.89	7.79	7.99	57873100

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

Instrument ID: ECD_L **Date(s) Analyzed:** 07/28/2025 07/28/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Chlordane	500	1	3.84	3.74	3.94	200134000
		2	4.42	4.32	4.52	230006000
		3	5.05	4.95	5.15	672187000
		4	5.12	5.02	5.22	601242000
		5	6.01	5.91	6.11	244798000
Toxaphene	500	1	5.07	4.97	5.17	34047600
		2	5.76	5.66	5.86	44078700
		3	6.04	5.94	6.14	44632800
		4	6.67	6.57	6.77	147063000
		5	7.11	7.01	7.21	92006100

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

Continuing Calib Date: 07/29/2025 **Initial Calibration Date(s):** 07/28/2025 07/28/2025

Continuing Calib Time: 17:17 **Initial Calibration Time(s):** 16:52 17:47

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.01	9.02	8.92	9.12	0.01
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.31	4.31	4.21	4.41	0.00
Heptachlor	4.90	4.90	4.80	5.00	0.00
Heptachlor epoxide	5.66	5.66	5.56	5.76	0.00
Endrin	6.54	6.54	6.44	6.64	0.00
Methoxychlor	7.46	7.46	7.36	7.56	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

Continuing Calib Date: 07/29/2025 **Initial Calibration Date(s):** 07/28/2025 07/28/2025

Continuing Calib Time: 17:17 **Initial Calibration Time(s):** 16:52 17:47

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.99	7.99	7.89	8.09	0.00
Tetrachloro-m-xylene	2.83	2.83	2.73	2.93	0.00
gamma-BHC (Lindane)	3.67	3.67	3.57	3.77	0.01
Heptachlor	4.01	4.01	3.91	4.11	0.00
Heptachlor epoxide	4.80	4.80	4.70	4.90	0.00
Endrin	5.71	5.71	5.61	5.81	0.00
Methoxychlor	6.68	6.68	6.58	6.78	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/28/2025 07/28/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/29/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL096626.D **Time Analyzed:** 17:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.014	8.916	9.116	51.220	50.000	2.4
Endrin	6.542	6.442	6.642	49.510	50.000	-1.0
gamma-BHC (Lindane)	4.310	4.210	4.410	51.420	50.000	2.8
Heptachlor	4.902	4.803	5.003	52.100	50.000	4.2
Heptachlor epoxide	5.662	5.562	5.762	51.800	50.000	3.6
Methoxychlor	7.461	7.362	7.562	50.320	50.000	0.6
Tetrachloro-m-xylene	3.535	3.435	3.635	51.480	50.000	3.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/28/2025 07/28/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/29/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL096626.D **Time Analyzed:** 17:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.991	7.892	8.092	50.050	50.000	0.1
Endrin	5.709	5.609	5.809	53.290	50.000	6.6
gamma-BHC (Lindane)	3.665	3.565	3.765	54.670	50.000	9.3
Heptachlor	4.014	3.914	4.114	53.830	50.000	7.7
Heptachlor epoxide	4.799	4.699	4.899	53.440	50.000	6.9
Methoxychlor	6.680	6.581	6.781	50.170	50.000	0.3
Tetrachloro-m-xylene	2.828	2.728	2.928	54.190	50.000	8.4

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

Continuing Calib Date: 07/29/2025 **Initial Calibration Date(s):** 07/28/2025 07/28/2025

Continuing Calib Time: 19:06 **Initial Calibration Time(s):** 16:52 17:47

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.02	9.02	8.92	9.12	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.31	4.31	4.21	4.41	0.00
Heptachlor	4.90	4.90	4.80	5.00	0.00
Heptachlor epoxide	5.66	5.66	5.56	5.76	0.00
Endrin	6.54	6.54	6.44	6.64	0.00
Methoxychlor	7.46	7.46	7.36	7.56	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

Continuing Calib Date: 07/29/2025 **Initial Calibration Date(s):** 07/28/2025 07/28/2025

Continuing Calib Time: 19:06 **Initial Calibration Time(s):** 16:52 17:47

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.99	7.99	7.89	8.09	0.00
Tetrachloro-m-xylene	2.83	2.83	2.73	2.93	0.00
gamma-BHC (Lindane)	3.67	3.67	3.57	3.77	0.01
Heptachlor	4.02	4.01	3.91	4.11	0.00
Heptachlor epoxide	4.80	4.80	4.70	4.90	0.00
Endrin	5.71	5.71	5.61	5.81	0.00
Methoxychlor	6.68	6.68	6.58	6.78	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/28/2025 07/28/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/29/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL096634.D **Time Analyzed:** 19:06

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.015	8.916	9.116	50.570	50.000	1.1
Endrin	6.542	6.442	6.642	50.490	50.000	1.0
gamma-BHC (Lindane)	4.311	4.210	4.410	50.850	50.000	1.7
Heptachlor	4.903	4.803	5.003	51.800	50.000	3.6
Heptachlor epoxide	5.662	5.562	5.762	51.380	50.000	2.8
Methoxychlor	7.462	7.362	7.562	49.820	50.000	-0.4
Tetrachloro-m-xylene	3.535	3.435	3.635	50.770	50.000	1.5

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/28/2025 07/28/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/29/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL096634.D **Time Analyzed:** 19:06

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.992	7.892	8.092	53.500	50.000	7.0
Endrin	5.710	5.609	5.809	53.520	50.000	7.0
gamma-BHC (Lindane)	3.665	3.565	3.765	54.040	50.000	8.1
Heptachlor	4.015	3.914	4.114	53.220	50.000	6.4
Heptachlor epoxide	4.799	4.699	4.899	53.230	50.000	6.5
Methoxychlor	6.681	6.581	6.781	51.370	50.000	2.7
Tetrachloro-m-xylene	2.828	2.728	2.928	53.200	50.000	6.4

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/28/2025 07/28/2025

Client Sample No. (PEM): PEM - PL096594.D **Date Analyzed:** 07/28/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 16:25

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.017	8.920	9.120	21.270	20.000	6.4
Tetrachloro-m-xylene	3.535	3.480	3.590	20.960	20.000	4.8
alpha-BHC	3.983	3.930	4.030	10.440	10.000	4.4
beta-BHC	4.498	4.450	4.550	10.520	10.000	5.2
gamma-BHC (Lindane)	4.311	4.260	4.360	10.550	10.000	5.5
Endrin	6.543	6.470	6.610	54.020	50.000	8.0
4,4'-DDT	6.990	6.920	7.060	109.500	100.000	9.5
Methoxychlor	7.463	7.390	7.530	267.200	250.000	6.9

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/28/2025 07/28/2025

Client Sample No. (PEM): PEM - PL096594.D **Date Analyzed:** 07/28/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 16:25

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.992	7.890	8.090	20.870	20.000	4.4
Tetrachloro-m-xylene	2.828	2.780	2.880	20.780	20.000	3.9
alpha-BHC	3.333	3.280	3.380	10.270	10.000	2.7
beta-BHC	3.962	3.910	4.010	10.840	10.000	8.4
gamma-BHC (Lindane)	3.666	3.620	3.720	10.440	10.000	4.4
Endrin	5.710	5.640	5.780	53.630	50.000	7.3
4,4'-DDT	6.109	6.040	6.180	111.210	100.000	11.2
Methoxychlor	6.682	6.610	6.750	253.290	250.000	1.3

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/28/2025 07/28/2025

Client Sample No. (PEM): PEM - PL096616.D **Date Analyzed:** 07/29/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 12:16

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.021	8.920	9.120	22.400	20.000	12.0
Tetrachloro-m-xylene	3.534	3.480	3.580	21.800	20.000	9.0
alpha-BHC	3.982	3.930	4.030	10.610	10.000	6.1
beta-BHC	4.497	4.450	4.550	11.180	10.000	11.8
gamma-BHC (Lindane)	4.310	4.260	4.360	10.790	10.000	7.9
Endrin	6.545	6.470	6.620	60.820	50.000	21.6
4,4'-DDT	6.992	6.920	7.060	113.070	100.000	13.1
Methoxychlor	7.465	7.390	7.540	274.770	250.000	9.9

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/28/2025 07/28/2025

Client Sample No. (PEM): PEM - PL096616.D **Date Analyzed:** 07/29/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 12:16

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.993	7.890	8.090	24.040	20.000	20.2
Tetrachloro-m-xylene	2.824	2.770	2.870	23.560	20.000	17.8
alpha-BHC	3.330	3.280	3.380	11.590	10.000	15.9
beta-BHC	3.959	3.910	4.010	12.230	10.000	22.3
gamma-BHC (Lindane)	3.662	3.610	3.710	11.750	10.000	17.5
Endrin	5.708	5.640	5.780	62.940	50.000	25.9
4,4'-DDT	6.108	6.040	6.180	123.050	100.000	23.1
Methoxychlor	6.681	6.610	6.750	281.400	250.000	12.6

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Analytical Sequence

Client: Core Environmental Consultants and Servi **SDG No.:** Q2681

Project: NYPA **Instrument ID:** ECD_L

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/28/2025 07/28/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	07/28/2025	16:11	PL096593.D	9.02	3.54
PEM	PEM	07/28/2025	16:25	PL096594.D	9.02	3.54
RESCHK	RESCHK	07/28/2025	16:38	PL096595.D	9.02	3.54
PSTDICC100	PSTDICC100	07/28/2025	16:52	PL096596.D	9.02	3.54
PSTDICC075	PSTDICC075	07/28/2025	17:06	PL096597.D	9.02	3.54
PSTDICC050	PSTDICC050	07/28/2025	17:19	PL096598.D	9.02	3.54
PSTDICC025	PSTDICC025	07/28/2025	17:33	PL096599.D	9.02	3.54
PSTDICC005	PSTDICC005	07/28/2025	17:47	PL096600.D	9.02	3.53
PCHLORICC500	PCHLORICC500	07/28/2025	18:27	PL096603.D	9.02	3.54
PTOXICC500	PTOXICC500	07/28/2025	19:36	PL096608.D	9.02	3.54
PEM	PEM	07/29/2025	12:16	PL096616.D	9.02	3.53
I.BLK	I.BLK	07/29/2025	17:03	PL096625.D	9.02	3.54
PSTDCCC050	PSTDCCC050	07/29/2025	17:17	PL096626.D	9.01	3.54
PB169038BL	PB169038BL	07/29/2025	17:31	PL096627.D	9.02	3.54
PB169038BS	PB169038BS	07/29/2025	17:44	PL096628.D	9.02	3.54
PB168986TB	PB168986TB	07/29/2025	17:58	PL096629.D	9.02	3.54
NYPA-POUCH-SPENT-CARBON	Q2681-01	07/29/2025	18:11	PL096630.D	9.01	3.54
NYPA-POUCH-SPENT-CARBONMS	Q2681-01MS	07/29/2025	18:25	PL096631.D	9.02	3.54
NYPA-POUCH-SPENT-CARBONMSD	Q2681-01MSD	07/29/2025	18:39	PL096632.D	9.02	3.54
I.BLK	I.BLK	07/29/2025	18:52	PL096633.D	9.02	3.54
PSTDCCC050	PSTDCCC050	07/29/2025	19:06	PL096634.D	9.02	3.54

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Analytical Sequence

Client: Core Environmental Consultants and Servi **SDG No.:** Q2681

Project: NYPA **Instrument ID:** ECD_L

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/28/2025 07/28/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	07/28/2025	16:11	PL096593.D	7.99	2.83
PEM	PEM	07/28/2025	16:25	PL096594.D	7.99	2.83
RESCHK	RESCHK	07/28/2025	16:38	PL096595.D	7.99	2.83
PSTDICC100	PSTDICC100	07/28/2025	16:52	PL096596.D	7.99	2.83
PSTDICC075	PSTDICC075	07/28/2025	17:06	PL096597.D	7.99	2.83
PSTDICC050	PSTDICC050	07/28/2025	17:19	PL096598.D	7.99	2.83
PSTDICC025	PSTDICC025	07/28/2025	17:33	PL096599.D	7.99	2.83
PSTDICC005	PSTDICC005	07/28/2025	17:47	PL096600.D	7.99	2.83
PCHLORICC500	PCHLORICC500	07/28/2025	18:27	PL096603.D	7.99	2.83
PTOXICC500	PTOXICC500	07/28/2025	19:36	PL096608.D	7.99	2.83
PEM	PEM	07/29/2025	12:16	PL096616.D	7.99	2.82
I.BLK	I.BLK	07/29/2025	17:03	PL096625.D	7.99	2.83
PSTDCCC050	PSTDCCC050	07/29/2025	17:17	PL096626.D	7.99	2.83
PB169038BL	PB169038BL	07/29/2025	17:31	PL096627.D	7.99	2.83
PB169038BS	PB169038BS	07/29/2025	17:44	PL096628.D	7.99	2.83
PB168986TB	PB168986TB	07/29/2025	17:58	PL096629.D	7.99	2.83
NYPA-POUCH-SPENT-CARBON	Q2681-01	07/29/2025	18:11	PL096630.D	7.99	2.83
NYPA-POUCH-SPENT-CARBONMS	Q2681-01MS	07/29/2025	18:25	PL096631.D	7.99	2.83
NYPA-POUCH-SPENT-CARBONMSD	Q2681-01MSD	07/29/2025	18:39	PL096632.D	7.99	2.83
I.BLK	I.BLK	07/29/2025	18:52	PL096633.D	7.99	2.83
PSTDCCC050	PSTDCCC050	07/29/2025	19:06	PL096634.D	7.99	2.83

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

NYPA-POUCH-SPENT-CARBO!

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

Lab Sample ID: Q2681-01MS **Date(s) Analyzed:** 07/29/2025 07/29/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Methoxychlor	1	7.46	7.41	7.51	4.80	2.1
	2	6.68	6.63	6.73	4.90	
gamma-BHC (Lindane)	1	4.31	4.26	4.36	4.80	4.1
	2	3.67	3.62	3.72	5.00	
Heptachlor	1	4.90	4.85	4.95	4.60	2.2
	2	4.01	3.96	4.06	4.70	
Heptachlor epoxide	1	5.66	5.61	5.71	4.90	2
	2	4.80	4.75	4.85	5.00	
Endrin	1	6.54	6.49	6.59	5.00	0
	2	5.71	5.66	5.76	5.00	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

NYPA-POUCH-SPENT-CARBO!

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

Lab Sample ID: Q2681-01MSD **Date(s) Analyzed:** 07/29/2025 07/29/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Heptachlor epoxide	1	5.66	5.61	5.71	5.00	2
	2	4.80	4.75	4.85	5.10	
Endrin	1	6.54	6.49	6.59	5.00	3.9
	2	5.71	5.66	5.76	5.20	
Methoxychlor	1	7.46	7.41	7.51	4.80	4.1
	2	6.68	6.63	6.73	5.00	
gamma-BHC (Lindane)	1	4.31	4.26	4.36	4.90	4
	2	3.67	3.62	3.72	5.10	
Heptachlor	1	4.90	4.85	4.95	4.70	2.1
	2	4.01	3.96	4.06	4.80	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169038BS

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

Lab Sample ID: PB169038BS **Date(s) Analyzed:** 07/29/2025 07/29/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Methoxychlor	1	7.46	7.41	7.51	0.46	2.9
	2	6.68	6.63	6.73	0.48	
gamma-BHC (Lindane)	1	4.31	4.26	4.36	0.48	5.4
	2	3.67	3.62	3.72	0.51	
Heptachlor	1	4.90	4.85	4.95	0.49	2.2
	2	4.01	3.96	4.06	0.50	
Heptachlor epoxide	1	5.66	5.61	5.71	0.49	3.1
	2	4.80	4.75	4.85	0.50	
Endrin	1	6.54	6.49	6.59	0.47	9.6
	2	5.71	5.66	5.76	0.51	

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LAB CHRONICLE

OrderID:	Q2681	**OrderDate:**	7/23/2025 2:59:39 PM
Client:	Core Environmental Consultants and Services, Inc.	**Project:**	NYPA
Contact:	Roland Scardino	**Location:**	D21

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2681-01	**NYPA-POUCH-SPENT-CARBON**	**SOIL**			**07/23/25**			**07/23/25**
			PCB	8082A		07/24/25	07/25/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2681 **Order ID:** Q2681

Client: Core Environmental Consultants and Services, In **Project ID:** NYPA

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: **0.000**

SAMPLE DATA

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/23/25
Project:	NYPA	Date Received:	07/23/25
Client Sample ID:	NYPA-POUCH-SPENT-CARBON	SDG No.:	Q2681
Lab Sample ID:	Q2681-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	93 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112486.D	10	07/24/25 12:15	07/25/25 02:34	PB168997

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	183	U	42.4	183	ug/kg
11104-28-2	Aroclor-1221	183	U	43.3	183	ug/kg
11141-16-5	Aroclor-1232	183	U	40.0	183	ug/kg
53469-21-9	Aroclor-1242	183	U	43.1	183	ug/kg
12672-29-6	Aroclor-1248	183	U	63.6	183	ug/kg
11097-69-1	Aroclor-1254	183	U	34.5	183	ug/kg
37324-23-5	Aroclor-1262	183	U	53.9	183	ug/kg
11100-14-4	Aroclor-1268	183	U	38.7	183	ug/kg
11096-82-5	Aroclor-1260	183	U	34.7	183	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	25.4		32 - 144	127%	SPK: 20
2051-24-3	Decachlorobiphenyl	7.60		32 - 175	38%	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

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Surrogate Summary

SDG No.: Q2681

Client: Core Environmental Consultants and Ser

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PO112413.D	PIBLK-PO112413.D	Tetrachloro-m-xyl	1	20	19.1	95		60	140
		Decachlorobiphen	1	20	20.0	100		60	140
		Tetrachloro-m-xyl	2	20	19.5	98		60	140
		Decachlorobiphen	2	20	20.4	102		60	140
I.BLK-PO112483.D	PIBLK-PO112483.D	Tetrachloro-m-xyl	1	20	21.6	108		60	140
		Decachlorobiphen	1	20	21.8	109		60	140
		Tetrachloro-m-xyl	2	20	20.6	103		60	140
		Decachlorobiphen	2	20	21.5	107		60	140
PB168997BS	PB168997BS	Tetrachloro-m-xyl	1	20	22.1	110		32	144
		Decachlorobiphen	1	20	22.2	111		32	175
		Tetrachloro-m-xyl	2	20	21.5	107		32	144
		Decachlorobiphen	2	20	22.0	110		32	175
Q2681-01	NYPA-POUCH-SPENT-CARBO	Tetrachloro-m-xyl	1	20	25.4	127		32	144
		Decachlorobiphen	1	20	7.60	38		32	175
		Tetrachloro-m-xyl	2	20	25.1	126		32	144
		Decachlorobiphen	2	20	4.80	24	*	32	175
Q2684-01MS	PL-02-07232025MS	Tetrachloro-m-xyl	1	20	14.3	71		32	144
		Decachlorobiphen	1	20	11.5	57		32	175
		Tetrachloro-m-xyl	2	20	18.2	91		32	144
		Decachlorobiphen	2	20	13.6	68		32	175
Q2684-01MSD	PL-02-07232025MSD	Tetrachloro-m-xyl	1	20	15.1	76		32	144
		Decachlorobiphen	1	20	11.3	57		32	175
		Tetrachloro-m-xyl	2	20	20.3	102		32	144
		Decachlorobiphen	2	20	13.4	67		32	175
I.BLK-PO112497.D	PIBLK-PO112497.D	Tetrachloro-m-xyl	1	20	22.8	114		60	140
		Decachlorobiphen	1	20	14.8	74		60	140
		Tetrachloro-m-xyl	2	20	22.1	110		60	140
		Decachlorobiphen	2	20	19.1	95		60	140
I.BLK-PO112503.D	PIBLK-PO112503.D	Tetrachloro-m-xyl	1	20	20.7	104		60	140
		Decachlorobiphen	1	20	14.6	73		60	140
		Tetrachloro-m-xyl	2	20	20.7	103		60	140
		Decachlorobiphen	2	20	18.4	92		60	140
PB168997BL	PB168997BL	Tetrachloro-m-xyl	1	20	21.4	107		32	144
		Decachlorobiphen	1	20	17.3	86		32	175
		Tetrachloro-m-xyl	2	20	21.4	107		32	144
		Decachlorobiphen	2	20	20.8	104		32	175
I.BLK-PO112518.D	PIBLK-PO112518.D	Tetrachloro-m-xyl	1	20	20.8	104		60	140
		Decachlorobiphen	1	20	18.2	91		60	140
		Tetrachloro-m-xyl	2	20	21.0	105		60	140
		Decachlorobiphen	2	20	20.2	101		60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	Q2681	**Analytical Method:**	8082A
Client:	Core Environmental Consultants and Serv	**DataFile :**	PO112488.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q2684-01MS (Column 1)**	**Client Sample ID:**		**PL-02-07232025MS**								
	AR1016	178.7	0	141	ug/kg	79				55	146	
	AR1260	178.7	0	92.6	ug/kg	52	*			54	119	
Lab Sample ID:	**Q2684-01MS (Column 2)**	**Client Sample ID:**		**PL-02-07232025MS**								
	AR1016	178.7	0	159	ug/kg	89				55	146	
	AR1260	178.7	0	112	ug/kg	63	*			54	119	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2681 **Analytical Method:** 8082A

Client: Core Environmental Consultants and Serv **DataFile :** PO112489.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q2684-01MSD (Column 1)**	**Client Sample ID:**		**PL-02-07232025MSD**								
	AR1016	178.8	0	155	ug/kg	87		10		55	146	15
	AR1260	178.8	0	94.5	ug/kg	53	*	2		54	119	15
Lab Sample ID:	**Q2684-01MSD (Column 2)**	**Client Sample ID:**		**PL-02-07232025MSD**								
	AR1016	178.8	0	164	ug/kg	92		3		55	146	15
	AR1260	178.8	0	113	ug/kg	63	*	0		54	119	15

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2681 **Analytical Method:** 8082A

Client: Core Environmental Consultants and Serv **Datafile :** PO112485.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168997BS (Column 1)	AR1016	166.5	199	ug/kg	120				71	120	
	AR1260	166.5	186	ug/kg	112				65	130	
PB168997BS (Column 2)	AR1016	166.5	188	ug/kg	113				71	120	
	AR1260	166.5	184	ug/kg	111				65	130	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB168997BL

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG NO.: Q2681

Lab Sample ID: PB168997BL | Lab File ID: PO112510.D

Matrix: (soil/water) Solid | Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N | Date Extracted: 07/24/2025

Date Analyzed (1): 07/25/2025 | Date Analyzed (2): 07/25/2025

Time Analyzed (1): 13:26 | Time Analyzed (2): 13:26

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
PB168997BS	PB168997BS	PO112485.D	07/25/2025	07/25/2025
NYPA-POUCH-SPENT-CARBON	Q2681-01	PO112486.D	07/25/2025	07/25/2025
PL-02-07232025MS	Q2684-01MS	PO112488.D	07/25/2025	07/25/2025
PL-02-07232025MSD	Q2684-01MSD	PO112489.D	07/25/2025	07/25/2025

COMMENTS:

CALIBRATION SUMMARY

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O
Contract: CORE02
SDG NO.: Q2681
Calibration Date(s): 07/23/2025 07/23/2025
Calibration Times: 11:32 19:47

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

LAB FILE ID: RT 1000 = PO112414.D RT 750 = PO112415.D
RT 500 = PO112416.D RT 250 = PO112417.D RT 050 = PO112418.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	4.75	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1016-2	(2)	4.78	4.77	4.77	4.77	4.77	4.77	4.67	4.87
Aroclor-1016-3	(3)	4.83	4.83	4.83	4.83	4.83	4.83	4.73	4.93
Aroclor-1016-4	(4)	4.95	4.95	4.95	4.95	4.95	4.95	4.85	5.05
Aroclor-1016-5	(5)	5.21	5.21	5.21	5.21	5.21	5.21	5.11	5.31
Aroclor-1260-1	(1)	6.25	6.24	6.25	6.24	6.25	6.24	6.14	6.34
Aroclor-1260-2	(2)	6.44	6.43	6.43	6.43	6.43	6.43	6.33	6.53
Aroclor-1260-3	(3)	6.80	6.80	6.80	6.80	6.80	6.80	6.70	6.90
Aroclor-1260-4	(4)	7.06	7.06	7.06	7.06	7.06	7.06	6.96	7.16
Aroclor-1260-5	(5)	7.30	7.30	7.30	7.30	7.30	7.30	7.20	7.40
Decachlorobiphenyl		8.70	8.69	8.69	8.69	8.69	8.69	8.59	8.79
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
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	4.77	4.77	4.77	4.78	4.78	4.68	4.88
Aroclor-1242-3	(3)	4.83	4.83	4.83	4.83	4.83	4.83	4.73	4.93
Aroclor-1242-4	(4)	4.95	4.95	4.95	4.95	4.95	4.95	4.85	5.05
Aroclor-1242-5	(5)	5.60	5.60	5.60	5.60	5.60	5.60	5.50	5.70
Decachlorobiphenyl		8.69	8.69	8.69	8.69	8.70	8.69	8.59	8.79
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1248-1	(1)	4.76	4.76	4.75	4.76	4.76	4.76	4.66	4.86
Aroclor-1248-2	(2)	4.99	4.99	4.99	4.99	5.00	4.99	4.89	5.09
Aroclor-1248-3	(3)	5.21	5.21	5.21	5.21	5.21	5.21	5.11	5.31
Aroclor-1248-4	(4)	5.56	5.56	5.56	5.56	5.56	5.56	5.46	5.66
Aroclor-1248-5	(5)	5.60	5.60	5.60	5.60	5.60	5.60	5.50	5.70
Decachlorobiphenyl		8.69	8.69	8.69	8.70	8.69	8.69	8.59	8.79
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
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)	6.76	6.76	6.76	6.76	6.76	6.76	6.66	6.86
Decachlorobiphenyl		8.69	8.69	8.70	8.69	8.69	8.69	8.59	8.79
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1268-1	(1)	7.59	7.59	7.59	7.58	7.59	7.59	7.49	7.69
Aroclor-1268-2	(2)	7.65	7.65	7.65	7.65	7.65	7.65	7.55	7.75
Aroclor-1268-3	(3)	7.86	7.86	7.86	7.86	7.86	7.86	7.76	7.96
Aroclor-1268-4	(4)	8.15	8.15	8.15	8.14	8.15	8.15	8.05	8.25
Aroclor-1268-5	(5)	8.44	8.44	8.44	8.44	8.44	8.44	8.34	8.54

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.70	8.70	8.70	8.69	8.70	8.70	8.60	8.80
Tetrachloro-m-xylene	3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

Instrument ID: ECD_O **Calibration Date(s):** 07/23/2025 07/23/2025

Calibration Times: 11:32 19:47

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

LAB FILE ID: RT 1000 = PO112414.D RT 750 = PO112415.D

RT 500 = PO112416.D RT 250 = PO112417.D RT 050 = PO112418.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1016-2	(2)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1016-3	(3)	4.93	4.93	4.93	4.93	4.93	4.93	4.83	5.03
Aroclor-1016-4	(4)	4.97	4.97	4.97	4.97	4.97	4.97	4.87	5.07
Aroclor-1016-5	(5)	5.19	5.19	5.19	5.19	5.19	5.19	5.09	5.29
Aroclor-1260-1	(1)	6.21	6.21	6.21	6.21	6.21	6.21	6.11	6.31
Aroclor-1260-2	(2)	6.40	6.40	6.40	6.40	6.40	6.40	6.30	6.50
Aroclor-1260-3	(3)	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Aroclor-1260-4	(4)	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aroclor-1260-5	(5)	7.27	7.26	7.26	7.26	7.27	7.26	7.16	7.36
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1242-1	(1)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1242-2	(2)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1242-3	(3)	4.93	4.93	4.93	4.93	4.93	4.93	4.83	5.03
Aroclor-1242-4	(4)	5.02	5.02	5.02	5.02	5.02	5.02	4.92	5.12
Aroclor-1242-5	(5)	5.53	5.53	5.53	5.53	5.54	5.53	5.43	5.63
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1248-1	(1)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1248-2	(2)	4.97	4.97	4.97	4.97	4.97	4.97	4.87	5.07
Aroclor-1248-3	(3)	5.02	5.02	5.02	5.02	5.02	5.02	4.92	5.12
Aroclor-1248-4	(4)	5.19	5.19	5.19	5.19	5.19	5.19	5.09	5.29
Aroclor-1248-5	(5)	5.58	5.58	5.58	5.58	5.58	5.58	5.48	5.68
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1254-1	(1)	5.54	5.54	5.54	5.53	5.53	5.54	5.44	5.64
Aroclor-1254-2	(2)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Aroclor-1254-3	(3)	6.08	6.08	6.08	6.08	6.08	6.08	5.98	6.18
Aroclor-1254-4	(4)	6.31	6.31	6.31	6.31	6.31	6.31	6.21	6.41
Aroclor-1254-5	(5)	6.73	6.73	6.73	6.73	6.73	6.73	6.63	6.83
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1268-1	(1)	7.55	7.55	7.55	7.55	7.55	7.55	7.45	7.65
Aroclor-1268-2	(2)	7.61	7.61	7.61	7.61	7.61	7.61	7.51	7.71
Aroclor-1268-3	(3)	7.82	7.82	7.82	7.82	7.82	7.82	7.72	7.92
Aroclor-1268-4	(4)	8.10	8.10	8.10	8.10	8.10	8.10	8.00	8.20
Aroclor-1268-5	(5)	8.39	8.39	8.39	8.39	8.39	8.39	8.29	8.49

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene	3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: CORE02
SDG NO.: Q2681
Calibration Date(s): 07/23/2025 07/23/2025
Calibration Times: 11:32 19:47

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

LAB FILE ID: CF 1000 = PO112414.D CF 750 = PO112415.D
CF 500 = PO112416.D CF 250 = PO112417.D CF 050 = PO112418.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	281481703	285148303	290849518	279501268	204848240	268365806	13
Aroclor-1016-2	(2)	418001550	431852928	433849136	420704900	326178800	406117463	11
Aroclor-1016-3	(3)	263638281	273794351	273610504	262887848	234438940	261673985	6
Aroclor-1016-4	(4)	216165184	219268720	223332708	213740540	186700200	211841470	6
Aroclor-1016-5	(5)	221113370	228268088	233867428	235369996	178734160	219470608	10
Aroclor-1260-1	(1)	431773857	450001749	476240286	447612572	391026880	439331069	7
Aroclor-1260-2	(2)	673380136	698254531	722944530	686506064	658383800	687893812	3
Aroclor-1260-3	(3)	611274773	627246767	610311884	614713140	476551180	588019549	10
Aroclor-1260-4	(4)	447285263	461047633	473248904	505121600	368319820	451004644	11
Aroclor-1260-5	(5)	1262689005	1283961461	1337121492	1347466800	964454900	1239138732	12
Decachlorobiphenyl		7456684020	7676252293	7829495380	7672255680	5924316000	7311800675	11
Tetrachloro-m-xylene		8554863660	8750848067	8754072420	8314620000	6283438800	8131568589	13
Aroclor-1242-1	(1)	256299409	259568919	260660454	265097176	196334180	247592028	11
Aroclor-1242-2	(2)	381137122	387088803	391556862	393536916	295648160	369793573	11
Aroclor-1242-3	(3)	241769617	246476011	248315054	252195680	194532760	236657824	10
Aroclor-1242-4	(4)	195717021	198363989	201564902	203398396	172348620	194278586	6
Aroclor-1242-5	(5)	215656431	220174447	229182990	229543836	175020200	213915581	10
Decachlorobiphenyl		8000645330	8037989413	8087967020	8086832920	6389983800	7720683697	10
Tetrachloro-m-xylene		9125652230	9195232120	9219491440	9207437080	6341808000	8617924174	15
Aroclor-1248-1	(1)	189314500	193406379	198364040	203445536	151513120	187208715	10
Aroclor-1248-2	(2)	257058197	266019899	270572928	278752472	203158020	255112303	11
Aroclor-1248-3	(3)	329824745	342687100	350417966	364320620	331255900	343701266	4
Aroclor-1248-4	(4)	503150480	523568551	540549606	563745892	409374460	508077798	11
Aroclor-1248-5	(5)	346508966	363261911	374337920	392493440	271353380	349591123	13
Decachlorobiphenyl		7900018490	8086308400	8195171040	8262080520	6143274400	7717370570	12
Tetrachloro-m-xylene		8946590960	9189061507	9273186240	9357342160	6567561400	8666748453	14
Aroclor-1254-1	(1)	525205609	551869540	568048078	599161796	500508140	548958633	7
Aroclor-1254-2	(2)	467389736	490253857	501431616	531267632	439250900	485918748	7
Aroclor-1254-3	(3)	736681841	765368536	778116616	788008044	653257120	744286431	7
Aroclor-1254-4	(4)	537295054	560529123	571244926	572391952	507057560	549703723	5
Aroclor-1254-5	(5)	713157717	729355651	738947588	743850736	613809420	707824222	7
Decachlorobiphenyl		7810644110	7988158653	8118440840	8069654680	6321650600	7661709777	10
Tetrachloro-m-xylene		8477893750	8928798520	9019842540	9077508800	7004909800	8501790682	10
Aroclor-1268-1	(1)	1805209287	1836925397	1850534848	1852730580	1410311920	1751142406	10

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1523811042	1548194379	1559255960	1566806172	1167050180	1473023547	11
Aroclor-1268-3	(3)	1298638460	1316156257	1333295814	1329215988	983852920	1252231888	11
Aroclor-1268-4	(4)	502325303	515160189	514467028	515975792	361392800	481864222	13
Aroclor-1268-5	(5)	3537850645	3568750916	3561527908	3536594816	2581136540	3357172165	12
Decachlorobiphenyl		14538757830	14683927053	14777305700	14801547680	10962984400	13952904533	12
Tetrachloro-m-xylene		8916461140	9229914440	9271431040	9355148600	6516020600	8657795164	14

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: CORE02
SDG NO.: Q2681
Calibration Date(s): 07/23/2025 07/23/2025
Calibration Times: 11:32 19:47

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

LAB FILE ID: CF 1000 = PO112414.D CF 750 = PO112415.D
CF 500 = PO112416.D CF 250 = PO112417.D CF 050 = PO112418.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	171399488	177928739	180256326	179838608	165612060	175007044	3
Aroclor-1016-2	(2)	254283756	266059885	273532534	272267680	236331280	260495027	6
Aroclor-1016-3	(3)	134555314	139369485	142347070	141007248	122553240	135966471	6
Aroclor-1016-4	(4)	106915956	111683577	115661150	118698688	102464540	111084782	6
Aroclor-1016-5	(5)	139169322	144750759	147937312	152336452	132321220	143303013	5
Aroclor-1260-1	(1)	240286237	254043527	261134446	258041412	229050000	248511124	5
Aroclor-1260-2	(2)	317223235	329626419	335041102	340620804	324956000	329493512	3
Aroclor-1260-3	(3)	256241072	262701627	269297872	275910760	220454080	256921082	8
Aroclor-1260-4	(4)	185740526	193469844	197255514	200936168	179151380	191310686	4
Aroclor-1260-5	(5)	419199446	421594747	433075366	434815624	352283180	412193673	8
Decachlorobiphenyl		1753295660	1820833173	1877801640	1892185680	1491444000	1767112031	9
Tetrachloro-m-xylene		5169666700	5314856493	5330554580	5111206560	3919594600	4969175787	12
Aroclor-1242-1	(1)	153645977	158282413	162201976	169125204	148714620	158394038	5
Aroclor-1242-2	(2)	230553136	236233123	241816698	253231308	206497880	233666429	7
Aroclor-1242-3	(3)	120997871	124593004	126633224	130347852	103373540	121189098	8
Aroclor-1242-4	(4)	116921071	120755713	124229780	129097232	122693120	122739383	3
Aroclor-1242-5	(5)	154482444	160907067	167116390	163960092	158390400	160971279	3
Decachlorobiphenyl		1831604040	1871840933	1924104720	1967119920	1579850400	1834904003	8
Tetrachloro-m-xylene		5483238770	5543459253	5573552360	5630865680	4061456200	5258514453	13
Aroclor-1248-1	(1)	116797575	121746903	126835386	132022196	110144520	121509316	7
Aroclor-1248-2	(2)	161755092	168905528	175846314	185366264	154525280	169279696	7
Aroclor-1248-3	(3)	170672394	178220732	184519824	194073912	160748960	177647164	7
Aroclor-1248-4	(4)	202462025	210645355	219142380	229572292	179950700	208354550	9
Aroclor-1248-5	(5)	207118457	216119221	227433754	242834452	180319280	214765033	10
Decachlorobiphenyl		1836524820	1878481893	1941164520	1982063240	1517022000	1831051295	10
Tetrachloro-m-xylene		5362990180	5502770333	5558036420	5629888520	4177350800	5246207251	12
Aroclor-1254-1	(1)	308086628	324598995	339171148	360746064	310502200	328621007	6
Aroclor-1254-2	(2)	269579969	283423153	295499466	318260532	280690420	289490708	6
Aroclor-1254-3	(3)	411643535	427646563	444183030	462345912	391487940	427461396	6
Aroclor-1254-4	(4)	256982627	269810957	279068642	286892132	272060980	272963068	4
Aroclor-1254-5	(5)	324913084	333876627	346327314	357344936	307636300	334019652	5
Decachlorobiphenyl		1794065640	1872151533	1910898600	1948005080	1573949600	1819814091	8
Tetrachloro-m-xylene		5135321880	5340323933	5419556800	5524764520	4404208000	5164835027	9
Aroclor-1268-1	(1)	514567345	516695037	532735372	551455976	473857920	517862330	5

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	421574479	425971267	436618852	454509592	386645480	425063934	6
Aroclor-1268-3	(3)	318758782	324505707	331241876	345977680	285851460	321267101	7
Aroclor-1268-4	(4)	111516853	115705837	114796592	121616720	92841800	111295560	9
Aroclor-1268-5	(5)	742715083	756736297	758808540	780432416	619995020	731737471	8
Decachlorobiphenyl		3224484190	3300929360	3351395200	3481054400	2726789400	3216930510	9
Tetrachloro-m-xylene		5326223920	5511724707	5541913900	5672741280	4190979000	5248716561	12

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

Instrument ID: ECD_O **Date(s) Analyzed:** 07/23/2025 07/23/2025

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	3.88	3.78	3.98	96659600
		2	3.97	3.87	4.07	71862000
		3	4.04	3.94	4.14	237712000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.04	3.94	4.14	186979000
		2	4.54	4.44	4.64	107625000
		3	4.78	4.68	4.88	206800000
		4	4.95	4.85	5.05	104740000
		5	4.99	4.89	5.09	67880800
Aroclor-1262	500	1	6.80	6.70	6.90	929208000
		2	7.30	7.20	7.40	1487020000
		3	7.59	7.49	7.69	590252000
		4	7.65	7.55	7.75	994166000
		5	8.15	8.05	8.25	434062000

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

Instrument ID: ECD_O **Date(s) Analyzed:** 07/23/2025 07/23/2025

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	3.87	3.77	3.97	67265800
		2	3.96	3.86	4.06	50728000
		3	4.03	3.93	4.13	158529000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.03	3.93	4.13	126550000
		2	4.76	4.66	4.86	131155000
		3	4.93	4.83	5.03	67196800
		4	5.02	4.92	5.12	59829000
		5	5.19	5.09	5.29	65203000
Aroclor-1262	500	1	6.77	6.67	6.87	414828000
		2	7.27	7.17	7.37	515546000
		3	7.55	7.45	7.65	186525000
		4	7.61	7.51	7.71	288104000
		5	8.10	8.00	8.20	99503400

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

Continuing Calib Date: 07/24/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 20:46 **Initial Calibration Time(s):** 11:32 19:47

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.76	4.76	4.66	4.86	0.00
Aroclor-1016-2	(2)	4.77	4.77	4.67	4.87	0.00
Aroclor-1016-3	(3)	4.83	4.83	4.73	4.93	0.00
Aroclor-1016-4	(4)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-5	(5)	5.21	5.21	5.11	5.31	0.00
Aroclor-1260-1	(1)	6.25	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.80	6.80	6.70	6.90	0.00
Aroclor-1260-4	(4)	7.06	7.06	6.96	7.16	0.00
Aroclor-1260-5	(5)	7.30	7.30	7.20	7.40	0.00
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.69	8.69	8.59	8.79	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

Continuing Calib Date: 07/24/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 20:46 **Initial Calibration Time(s):** 11:32 19:47

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-2	(2)	4.76	4.76	4.66	4.86	0.00
Aroclor-1016-3	(3)	4.93	4.93	4.83	5.03	0.00
Aroclor-1016-4	(4)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-5	(5)	5.19	5.19	5.09	5.29	0.01
Aroclor-1260-1	(1)	6.21	6.21	6.11	6.31	0.00
Aroclor-1260-2	(2)	6.40	6.40	6.30	6.50	0.00
Aroclor-1260-3	(3)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.00
Aroclor-1260-5	(5)	7.27	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.64	8.64	8.54	8.74	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112479.D **Time Analyzed:** 20:46

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.756	4.655	4.855	542.590	500.000	8.5
Aroclor-1016-2	4.774	4.674	4.874	533.810	500.000	6.8
Aroclor-1016-3	4.831	4.731	4.931	521.550	500.000	4.3
Aroclor-1016-4	4.951	4.851	5.051	518.050	500.000	3.6
Aroclor-1016-5	5.208	5.108	5.308	568.320	500.000	13.7
Aroclor-1260-1	6.245	6.145	6.345	497.050	500.000	-0.6
Aroclor-1260-2	6.434	6.333	6.533	485.400	500.000	-2.9
Aroclor-1260-3	6.800	6.700	6.900	508.790	500.000	1.8
Aroclor-1260-4	7.059	6.959	7.159	520.010	500.000	4.0
Aroclor-1260-5	7.302	7.203	7.403	484.470	500.000	-3.1
Decachlorobiphenyl	8.694	8.593	8.793	43.150	50.000	-13.7
Tetrachloro-m-xylene	3.670	3.569	3.769	55.090	50.000	10.2

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112479.D **Time Analyzed:** 20:46

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.738	4.638	4.838	520.250	500.000	4.1
Aroclor-1016-2	4.756	4.656	4.856	520.700	500.000	4.1
Aroclor-1016-3	4.931	4.831	5.031	523.770	500.000	4.8
Aroclor-1016-4	4.973	4.873	5.073	518.760	500.000	3.8
Aroclor-1016-5	5.185	5.085	5.285	543.110	500.000	8.6
Aroclor-1260-1	6.214	6.113	6.313	519.010	500.000	3.8
Aroclor-1260-2	6.402	6.302	6.502	509.010	500.000	1.8
Aroclor-1260-3	6.553	6.453	6.653	520.260	500.000	4.1
Aroclor-1260-4	7.023	6.923	7.123	512.310	500.000	2.5
Aroclor-1260-5	7.265	7.164	7.364	522.080	500.000	4.4
Decachlorobiphenyl	8.641	8.540	8.740	47.110	50.000	-5.8
Tetrachloro-m-xylene	3.663	3.562	3.762	54.170	50.000	8.3

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

Continuing Calib Date: 07/25/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 05:52 **Initial Calibration Time(s):** 11:32 19:47

GC Column: ZB-MR1 **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	4.77	4.67	4.87	0.00
Aroclor-1016-3	(3)	4.83	4.83	4.73	4.93	0.00
Aroclor-1016-4	(4)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-5	(5)	5.21	5.21	5.11	5.31	0.00
Aroclor-1260-1	(1)	6.24	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.80	6.80	6.70	6.90	0.00
Aroclor-1260-4	(4)	7.06	7.06	6.96	7.16	0.00
Aroclor-1260-5	(5)	7.30	7.30	7.20	7.40	0.00
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.69	8.69	8.59	8.79	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

Continuing Calib Date: 07/25/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 05:52 **Initial Calibration Time(s):** 11:32 19:47

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-2	(2)	4.76	4.76	4.66	4.86	0.00
Aroclor-1016-3	(3)	4.93	4.93	4.83	5.03	0.00
Aroclor-1016-4	(4)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-5	(5)	5.19	5.19	5.09	5.29	0.01
Aroclor-1260-1	(1)	6.21	6.21	6.11	6.31	0.00
Aroclor-1260-2	(2)	6.40	6.40	6.30	6.50	0.00
Aroclor-1260-3	(3)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.00
Aroclor-1260-5	(5)	7.27	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.64	8.64	8.54	8.74	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112494.D **Time Analyzed:** 05:52

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.754	4.655	4.855	565.380	500.000	13.1
Aroclor-1016-2	4.773	4.674	4.874	560.270	500.000	12.1
Aroclor-1016-3	4.830	4.731	4.931	549.370	500.000	9.9
Aroclor-1016-4	4.950	4.851	5.051	551.370	500.000	10.3
Aroclor-1016-5	5.206	5.108	5.308	558.510	500.000	11.7
Aroclor-1260-1	6.244	6.145	6.345	366.480	500.000	-26.7
Aroclor-1260-2	6.433	6.333	6.533	362.490	500.000	-27.5
Aroclor-1260-3	6.800	6.700	6.900	594.190	500.000	18.8
Aroclor-1260-4	7.058	6.959	7.159	468.900	500.000	-6.2
Aroclor-1260-5	7.302	7.203	7.403	356.920	500.000	-28.6
Decachlorobiphenyl	8.694	8.593	8.793	33.470	50.000	-33.1
Tetrachloro-m-xylene	3.669	3.569	3.769	56.980	50.000	14.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112494.D **Time Analyzed:** 05:52

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.738	4.638	4.838	531.680	500.000	6.3
Aroclor-1016-2	4.756	4.656	4.856	528.680	500.000	5.7
Aroclor-1016-3	4.931	4.831	5.031	537.510	500.000	7.5
Aroclor-1016-4	4.973	4.873	5.073	521.330	500.000	4.3
Aroclor-1016-5	5.185	5.085	5.285	583.170	500.000	16.6
Aroclor-1260-1	6.213	6.113	6.313	481.020	500.000	-3.8
Aroclor-1260-2	6.402	6.302	6.502	442.420	500.000	-11.5
Aroclor-1260-3	6.553	6.453	6.653	449.420	500.000	-10.1
Aroclor-1260-4	7.023	6.923	7.123	430.010	500.000	-14.0
Aroclor-1260-5	7.265	7.164	7.364	437.430	500.000	-12.5
Decachlorobiphenyl	8.641	8.540	8.740	42.590	50.000	-14.8
Tetrachloro-m-xylene	3.663	3.562	3.762	55.140	50.000	10.3

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

Continuing Calib Date: 07/25/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 09:45 **Initial Calibration Time(s):** 11:32 19:47

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.76	4.76	4.66	4.86	0.00
Aroclor-1016-2	(2)	4.78	4.77	4.67	4.87	-0.01
Aroclor-1016-3	(3)	4.83	4.83	4.73	4.93	0.00
Aroclor-1016-4	(4)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-5	(5)	5.21	5.21	5.11	5.31	0.00
Aroclor-1260-1	(1)	6.25	6.25	6.15	6.35	0.00
Aroclor-1260-2	(2)	6.44	6.43	6.33	6.53	-0.01
Aroclor-1260-3	(3)	6.80	6.80	6.70	6.90	0.00
Aroclor-1260-4	(4)	7.06	7.06	6.96	7.16	0.00
Aroclor-1260-5	(5)	7.31	7.30	7.20	7.40	-0.01
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.70	8.69	8.59	8.79	-0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

Continuing Calib Date: 07/25/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 09:45 **Initial Calibration Time(s):** 11:32 19:47

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-2	(2)	4.76	4.76	4.66	4.86	0.00
Aroclor-1016-3	(3)	4.93	4.93	4.83	5.03	0.00
Aroclor-1016-4	(4)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-5	(5)	5.19	5.19	5.09	5.29	0.00
Aroclor-1260-1	(1)	6.22	6.21	6.11	6.31	-0.01
Aroclor-1260-2	(2)	6.40	6.40	6.30	6.50	0.00
Aroclor-1260-3	(3)	6.56	6.55	6.45	6.65	0.00
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.00
Aroclor-1260-5	(5)	7.27	7.26	7.16	7.36	-0.01
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.64	8.64	8.54	8.74	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112499.D **Time Analyzed:** 09:45

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.759	4.655	4.855	549.190	500.000	9.8
Aroclor-1016-2	4.778	4.674	4.874	541.360	500.000	8.3
Aroclor-1016-3	4.834	4.731	4.931	532.250	500.000	6.5
Aroclor-1016-4	4.954	4.851	5.051	532.510	500.000	6.5
Aroclor-1016-5	5.210	5.108	5.308	543.600	500.000	8.7
Aroclor-1260-1	6.248	6.145	6.345	523.620	500.000	4.7
Aroclor-1260-2	6.438	6.333	6.533	512.390	500.000	2.5
Aroclor-1260-3	6.804	6.700	6.900	470.070	500.000	-6.0
Aroclor-1260-4	7.063	6.959	7.159	389.290	500.000	-22.1
Aroclor-1260-5	7.306	7.203	7.403	365.030	500.000	-27.0
Decachlorobiphenyl	8.698	8.593	8.793	43.100	50.000	-13.8
Tetrachloro-m-xylene	3.673	3.569	3.769	55.410	50.000	10.8

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112499.D **Time Analyzed:** 09:45

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.738	4.638	4.838	522.120	500.000	4.4
Aroclor-1016-2	4.756	4.656	4.856	511.460	500.000	2.3
Aroclor-1016-3	4.931	4.831	5.031	525.990	500.000	5.2
Aroclor-1016-4	4.974	4.873	5.073	513.780	500.000	2.8
Aroclor-1016-5	5.186	5.085	5.285	560.490	500.000	12.1
Aroclor-1260-1	6.215	6.113	6.313	532.970	500.000	6.6
Aroclor-1260-2	6.403	6.302	6.502	523.400	500.000	4.7
Aroclor-1260-3	6.555	6.453	6.653	536.090	500.000	7.2
Aroclor-1260-4	7.024	6.923	7.123	512.400	500.000	2.5
Aroclor-1260-5	7.267	7.164	7.364	510.340	500.000	2.1
Decachlorobiphenyl	8.642	8.540	8.740	54.330	50.000	8.7
Tetrachloro-m-xylene	3.663	3.562	3.762	53.730	50.000	7.5

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

Continuing Calib Date: 07/25/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 15:32 **Initial Calibration Time(s):** 11:32 19:47

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.76	4.76	4.66	4.86	0.00
Aroclor-1016-2	(2)	4.78	4.77	4.67	4.87	-0.01
Aroclor-1016-3	(3)	4.83	4.83	4.73	4.93	0.00
Aroclor-1016-4	(4)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-5	(5)	5.21	5.21	5.11	5.31	0.00
Aroclor-1260-1	(1)	6.25	6.25	6.15	6.35	0.00
Aroclor-1260-2	(2)	6.44	6.43	6.33	6.53	-0.01
Aroclor-1260-3	(3)	6.80	6.80	6.70	6.90	0.00
Aroclor-1260-4	(4)	7.06	7.06	6.96	7.16	0.00
Aroclor-1260-5	(5)	7.30	7.30	7.20	7.40	0.00
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.70	8.69	8.59	8.79	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

Continuing Calib Date: 07/25/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 15:32 **Initial Calibration Time(s):** 11:32 19:47

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-2	(2)	4.76	4.76	4.66	4.86	0.00
Aroclor-1016-3	(3)	4.93	4.93	4.83	5.03	0.00
Aroclor-1016-4	(4)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-5	(5)	5.19	5.19	5.09	5.29	0.00
Aroclor-1260-1	(1)	6.21	6.21	6.11	6.31	0.00
Aroclor-1260-2	(2)	6.40	6.40	6.30	6.50	0.00
Aroclor-1260-3	(3)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.00
Aroclor-1260-5	(5)	7.27	7.26	7.16	7.36	-0.01
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.64	8.64	8.54	8.74	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112514.D **Time Analyzed:** 15:32

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.756	4.655	4.855	541.980	500.000	8.4
Aroclor-1016-2	4.775	4.674	4.874	535.870	500.000	7.2
Aroclor-1016-3	4.832	4.731	4.931	526.390	500.000	5.3
Aroclor-1016-4	4.952	4.851	5.051	528.380	500.000	5.7
Aroclor-1016-5	5.208	5.108	5.308	520.640	500.000	4.1
Aroclor-1260-1	6.246	6.145	6.345	507.980	500.000	1.6
Aroclor-1260-2	6.436	6.333	6.533	505.850	500.000	1.2
Aroclor-1260-3	6.801	6.700	6.900	526.910	500.000	5.4
Aroclor-1260-4	7.060	6.959	7.159	505.450	500.000	1.1
Aroclor-1260-5	7.304	7.203	7.403	504.390	500.000	0.9
Decachlorobiphenyl	8.695	8.593	8.793	54.450	50.000	8.9
Tetrachloro-m-xylene	3.670	3.569	3.769	54.610	50.000	9.2

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112514.D **Time Analyzed:** 15:32

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.738	4.638	4.838	518.090	500.000	3.6
Aroclor-1016-2	4.756	4.656	4.856	521.860	500.000	4.4
Aroclor-1016-3	4.931	4.831	5.031	528.650	500.000	5.7
Aroclor-1016-4	4.974	4.873	5.073	516.190	500.000	3.2
Aroclor-1016-5	5.186	5.085	5.285	560.510	500.000	12.1
Aroclor-1260-1	6.214	6.113	6.313	528.830	500.000	5.8
Aroclor-1260-2	6.402	6.302	6.502	519.860	500.000	4.0
Aroclor-1260-3	6.554	6.453	6.653	531.580	500.000	6.3
Aroclor-1260-4	7.024	6.923	7.123	522.740	500.000	4.5
Aroclor-1260-5	7.266	7.164	7.364	534.360	500.000	6.9
Decachlorobiphenyl	8.642	8.540	8.740	59.450	50.000	18.9
Tetrachloro-m-xylene	3.663	3.562	3.762	54.040	50.000	8.1

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Analytical Sequence

Client: Core Environmental Consultants and Servi **SDG No.:** Q2681

Project: NYPA **Instrument ID:** ECD_O

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/23/2025 07/23/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	07/23/2025	11:14	PO112413.D	8.69	3.67
AR1660ICC1000	AR1660ICC1000	07/23/2025	11:32	PO112414.D	8.70	3.67
AR1660ICC750	AR1660ICC750	07/23/2025	11:50	PO112415.D	8.69	3.67
AR1660ICC500	AR1660ICC500	07/23/2025	12:08	PO112416.D	8.69	3.67
AR1660ICC250	AR1660ICC250	07/23/2025	12:27	PO112417.D	8.69	3.67
AR1660ICC050	AR1660ICC050	07/23/2025	12:45	PO112418.D	8.69	3.67
AR1221ICC500	AR1221ICC500	07/23/2025	13:03	PO112419.D	8.69	3.67
AR1232ICC500	AR1232ICC500	07/23/2025	13:22	PO112420.D	8.69	3.67
AR1242ICC1000	AR1242ICC1000	07/23/2025	13:40	PO112421.D	8.69	3.67
AR1242ICC750	AR1242ICC750	07/23/2025	13:59	PO112422.D	8.69	3.67
AR1242ICC500	AR1242ICC500	07/23/2025	14:17	PO112423.D	8.69	3.67
AR1242ICC250	AR1242ICC250	07/23/2025	14:36	PO112424.D	8.69	3.67
AR1242ICC050	AR1242ICC050	07/23/2025	14:54	PO112425.D	8.70	3.67
AR1248ICC1000	AR1248ICC1000	07/23/2025	15:13	PO112426.D	8.69	3.67
AR1248ICC750	AR1248ICC750	07/23/2025	15:31	PO112427.D	8.69	3.67
AR1248ICC500	AR1248ICC500	07/23/2025	15:48	PO112428.D	8.69	3.67
AR1248ICC250	AR1248ICC250	07/23/2025	16:07	PO112429.D	8.70	3.67
AR1248ICC050	AR1248ICC050	07/23/2025	16:25	PO112430.D	8.69	3.67
AR1254ICC1000	AR1254ICC1000	07/23/2025	16:44	PO112431.D	8.69	3.67
AR1254ICC750	AR1254ICC750	07/23/2025	17:02	PO112432.D	8.69	3.67
AR1254ICC500	AR1254ICC500	07/23/2025	17:21	PO112433.D	8.70	3.67
AR1254ICC250	AR1254ICC250	07/23/2025	17:39	PO112434.D	8.69	3.67
AR1254ICC050	AR1254ICC050	07/23/2025	17:57	PO112435.D	8.69	3.67
AR1262ICC500	AR1262ICC500	07/23/2025	18:16	PO112436.D	8.70	3.67
AR1268ICC1000	AR1268ICC1000	07/23/2025	18:34	PO112437.D	8.70	3.67
AR1268ICC750	AR1268ICC750	07/23/2025	18:53	PO112438.D	8.70	3.67
AR1268ICC500	AR1268ICC500	07/23/2025	19:11	PO112439.D	8.70	3.67
AR1268ICC250	AR1268ICC250	07/23/2025	19:28	PO112440.D	8.69	3.67
AR1268ICC050	AR1268ICC050	07/23/2025	19:47	PO112441.D	8.70	3.67
AR1660CCC500	AR1660CCC500	07/24/2025	20:46	PO112479.D	8.69	3.67
I.BLK	I.BLK	07/25/2025	01:40	PO112483.D	8.71	3.68
PB168997BS	PB168997BS	07/25/2025	02:15	PO112485.D	8.69	3.67
NYPA-POUCH-SPENT-CARBON	Q2681-01	07/25/2025	02:34	PO112486.D	8.69	3.67
PL-02-07232025MS	Q2684-01MS	07/25/2025	03:11	PO112488.D	8.70	3.67
PL-02-07232025MSD	Q2684-01MSD	07/25/2025	03:28	PO112489.D	8.69	3.67
AR1660CCC500	AR1660CCC500	07/25/2025	05:52	PO112494.D	8.69	3.67
I.BLK	I.BLK	07/25/2025	08:08	PO112497.D	8.70	3.67
AR1660CCC500	AR1660CCC500	07/25/2025	09:45	PO112499.D	8.70	3.67
I.BLK	I.BLK	07/25/2025	11:01	PO112503.D	8.70	3.67
PB168997BL	PB168997BL	07/25/2025	13:26	PO112510.D	8.69	3.67
AR1660CCC500	AR1660CCC500	07/25/2025	15:32	PO112514.D	8.70	3.67
I.BLK	I.BLK	07/25/2025	16:43	PO112518.D	8.70	3.67

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Analytical Sequence

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Fax : 908 789 8922

Analytical Sequence

Client: Core Environmental Consultants and Servi **SDG No.:** Q2681

Project: NYPA **Instrument ID:** ECD_O

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/23/2025 07/23/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	07/23/2025	11:14	PO112413.D	8.64	3.66
AR1660ICC1000	AR1660ICC1000	07/23/2025	11:32	PO112414.D	8.64	3.66
AR1660ICC750	AR1660ICC750	07/23/2025	11:50	PO112415.D	8.64	3.66
AR1660ICC500	AR1660ICC500	07/23/2025	12:08	PO112416.D	8.64	3.66
AR1660ICC250	AR1660ICC250	07/23/2025	12:27	PO112417.D	8.64	3.66
AR1660ICC050	AR1660ICC050	07/23/2025	12:45	PO112418.D	8.64	3.66
AR1221ICC500	AR1221ICC500	07/23/2025	13:03	PO112419.D	8.64	3.66
AR1232ICC500	AR1232ICC500	07/23/2025	13:22	PO112420.D	8.64	3.66
AR1242ICC1000	AR1242ICC1000	07/23/2025	13:40	PO112421.D	8.64	3.66
AR1242ICC750	AR1242ICC750	07/23/2025	13:59	PO112422.D	8.64	3.66
AR1242ICC500	AR1242ICC500	07/23/2025	14:17	PO112423.D	8.64	3.66
AR1242ICC250	AR1242ICC250	07/23/2025	14:36	PO112424.D	8.64	3.66
AR1242ICC050	AR1242ICC050	07/23/2025	14:54	PO112425.D	8.64	3.66
AR1248ICC1000	AR1248ICC1000	07/23/2025	15:13	PO112426.D	8.64	3.66
AR1248ICC750	AR1248ICC750	07/23/2025	15:31	PO112427.D	8.64	3.66
AR1248ICC500	AR1248ICC500	07/23/2025	15:48	PO112428.D	8.64	3.66
AR1248ICC250	AR1248ICC250	07/23/2025	16:07	PO112429.D	8.64	3.66
AR1248ICC050	AR1248ICC050	07/23/2025	16:25	PO112430.D	8.64	3.66
AR1254ICC1000	AR1254ICC1000	07/23/2025	16:44	PO112431.D	8.64	3.66
AR1254ICC750	AR1254ICC750	07/23/2025	17:02	PO112432.D	8.64	3.66
AR1254ICC500	AR1254ICC500	07/23/2025	17:21	PO112433.D	8.64	3.66
AR1254ICC250	AR1254ICC250	07/23/2025	17:39	PO112434.D	8.64	3.66
AR1254ICC050	AR1254ICC050	07/23/2025	17:57	PO112435.D	8.64	3.66
AR1262ICC500	AR1262ICC500	07/23/2025	18:16	PO112436.D	8.64	3.66
AR1268ICC1000	AR1268ICC1000	07/23/2025	18:34	PO112437.D	8.64	3.66
AR1268ICC750	AR1268ICC750	07/23/2025	18:53	PO112438.D	8.64	3.66
AR1268ICC500	AR1268ICC500	07/23/2025	19:11	PO112439.D	8.64	3.66
AR1268ICC250	AR1268ICC250	07/23/2025	19:28	PO112440.D	8.64	3.66
AR1268ICC050	AR1268ICC050	07/23/2025	19:47	PO112441.D	8.64	3.66
AR1660CCC500	AR1660CCC500	07/24/2025	20:46	PO112479.D	8.64	3.66
I.BLK	I.BLK	07/25/2025	01:40	PO112483.D	8.64	3.66
PB168997BS	PB168997BS	07/25/2025	02:15	PO112485.D	8.64	3.66
NYPA-POUCH-SPENT-CARBON	Q2681-01	07/25/2025	02:34	PO112486.D	8.64	3.66
PL-02-07232025MS	Q2684-01MS	07/25/2025	03:11	PO112488.D	8.64	3.66
PL-02-07232025MSD	Q2684-01MSD	07/25/2025	03:28	PO112489.D	8.64	3.66
AR1660CCC500	AR1660CCC500	07/25/2025	05:52	PO112494.D	8.64	3.66
I.BLK	I.BLK	07/25/2025	08:08	PO112497.D	8.64	3.66
AR1660CCC500	AR1660CCC500	07/25/2025	09:45	PO112499.D	8.64	3.66
I.BLK	I.BLK	07/25/2025	11:01	PO112503.D	8.64	3.66
PB168997BL	PB168997BL	07/25/2025	13:26	PO112510.D	8.64	3.66
AR1660CCC500	AR1660CCC500	07/25/2025	15:32	PO112514.D	8.64	3.66
I.BLK	I.BLK	07/25/2025	16:43	PO112518.D	8.64	3.66

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Analytical Sequence

QC SAMPLE DATA

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	NYPA	Date Received:	
Client Sample ID:	PB168997BL	SDG No.:	Q2681
Lab Sample ID:	PB168997BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112510.D	1	07/24/25 12:15	07/25/25 13:26	PB168997

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	17.0	U	3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	17.0	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	17.0	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	17.0	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	17.0	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	17.0	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	17.0	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	17.0	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	17.0	U	3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.4		32 - 144	107%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.8		32 - 175	104%	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
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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/23/25
Project:	NYPA	Date Received:	07/23/25
Client Sample ID:	PIBLK-PO112413.D	SDG No.:	Q2681
Lab Sample ID:	I.BLK-PO112413.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
PO112413.D	1		07/23/25	PO072325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.1		60 - 140	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.0		60 - 140	100%	SPK: 20

Comments:

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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/25/25
Project:	NYPA	Date Received:	07/25/25
Client Sample ID:	PIBLK-PO112483.D	SDG No.:	Q2681
Lab Sample ID:	I.BLK-PO112483.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
PO112483.D	1		07/25/25	po072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.6		60 - 140	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.5		60 - 140	107%	SPK: 20

Comments:

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LOD = Limit of Detection
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Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/25/25
Project:	NYPA	Date Received:	07/25/25
Client Sample ID:	PIBLK-PO112497.D	SDG No.:	Q2681
Lab Sample ID:	I.BLK-PO112497.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
PO112497.D	1		07/25/25	PO072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.1		60 - 140	110%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.8		60 - 140	74%	SPK: 20

Comments:

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LOQ = Limit of Quantitation
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LOD = Limit of Detection
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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:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/25/25
Project:	NYPA	Date Received:	07/25/25
Client Sample ID:	PIBLK-PO112503.D	SDG No.:	Q2681
Lab Sample ID:	I.BLK-PO112503.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
PO112503.D	1		07/25/25	PO072525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.7		60 - 140	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.6		60 - 140	73%	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

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/25/25
Project:	NYPA	Date Received:	07/25/25
Client Sample ID:	PIBLK-PO112518.D	SDG No.:	Q2681
Lab Sample ID:	I.BLK-PO112518.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
PO112518.D	1		07/25/25	PO072525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.8		60 - 140	104%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.2		60 - 140	91%	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
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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

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	NYPA	Date Received:	
Client Sample ID:	PB168997BS	SDG No.:	Q2681
Lab Sample ID:	PB168997BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112485.D	1	07/24/25 12:15	07/25/25 02:15	PB168997

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	199		3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	17.0	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	17.0	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	17.0	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	17.0	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	17.0	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	17.0	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	17.0	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	186		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.1		32 - 144	110%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.2		32 - 175	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
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/23/25
Project:	NYPA	Date Received:	07/23/25
Client Sample ID:	PL-02-07232025MS	SDG No.:	Q2681
Lab Sample ID:	Q2684-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	93.1 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112488.D	1	07/24/25 12:15	07/25/25 03:11	PB168997

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	159		4.20	18.2	ug/kg
11104-28-2	Aroclor-1221	18.2	U	4.30	18.2	ug/kg
11141-16-5	Aroclor-1232	18.2	U	4.00	18.2	ug/kg
53469-21-9	Aroclor-1242	18.2	U	4.30	18.2	ug/kg
12672-29-6	Aroclor-1248	18.2	U	6.30	18.2	ug/kg
11097-69-1	Aroclor-1254	18.2	U	3.40	18.2	ug/kg
37324-23-5	Aroclor-1262	18.2	U	5.40	18.2	ug/kg
11100-14-4	Aroclor-1268	18.2	U	3.90	18.2	ug/kg
11096-82-5	Aroclor-1260	112		3.50	18.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.2		32 - 144	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.6		32 - 175	68%	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
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B = Analyte Found in Associated Method Blank
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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/23/25
Project:	NYPA	Date Received:	07/23/25
Client Sample ID:	PL-02-07232025MSD	SDG No.:	Q2681
Lab Sample ID:	Q2684-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	93.1 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112489.D	1	07/24/25 12:15	07/25/25 03:28	PB168997

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	164		4.20	18.2	ug/kg
11104-28-2	Aroclor-1221	18.2	U	4.30	18.2	ug/kg
11141-16-5	Aroclor-1232	18.2	U	4.00	18.2	ug/kg
53469-21-9	Aroclor-1242	18.2	U	4.30	18.2	ug/kg
12672-29-6	Aroclor-1248	18.2	U	6.40	18.2	ug/kg
11097-69-1	Aroclor-1254	18.2	U	3.40	18.2	ug/kg
37324-23-5	Aroclor-1262	18.2	U	5.40	18.2	ug/kg
11100-14-4	Aroclor-1268	18.2	U	3.90	18.2	ug/kg
11096-82-5	Aroclor-1260	113		3.50	18.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.3		32 - 144	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.4		32 - 175	67%	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
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* = Values outside of QC limits
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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LAB CHRONICLE

OrderID:	Q2681	**OrderDate:**	7/23/2025 2:59:39 PM
Client:	Core Environmental Consultants and Services, Inc.	**Project:**	NYPA
Contact:	Roland Scardino	**Location:**	D21

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2681-01	**NYPA-POUCH-SPENT-CARBON**	**SOIL**			**07/23/25**			**07/23/25**
			PCB	8082A		07/24/25	07/25/25	
			TCLP Herbicide	8151A		07/29/25	07/30/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2681 **Order ID:** Q2681

Client: Core Environmental Consultants and Services, In **Project ID:** NYPA

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: **0.000**

SAMPLE DATA

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	NYPA	Date Received:	07/29/25
Client Sample ID:	PB168986TB	SDG No.:	Q2681
Lab Sample ID:	PB168986TB	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031296.D	1	07/29/25 08:47	07/30/25 00:57	PB169037

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	20.0	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	20.0	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	465		61 - 136	93%	SPK: 500

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
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/23/25
Project:	NYPA	Date Received:	07/23/25
Client Sample ID:	NYPA-POUCH-SPENT-CARBON	SDG No.:	Q2681
Lab Sample ID:	Q2681-01	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031297.D	1	07/29/25 08:47	07/30/25 01:20	PB169037

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	20.0	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	20.0	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	470		61 - 136	94%	SPK: 500

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

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Surrogate Summary

SDG No.: Q2681

Client: Core Environmental Consultants and Ser

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PS031274.D	PIBLK-PS031274.D	2,4-DCAA	1	500	404	81		61	136
		2,4-DCAA	2	500	491	98		61	136
I.BLK-PS031292.D	PIBLK-PS031292.D	2,4-DCAA	1	500	410	82		61	136
		2,4-DCAA	2	500	476	95		61	136
PB169037BL	PB169037BL	2,4-DCAA	1	500	426	85		61	136
		2,4-DCAA	2	500	466	93		61	136
PB169037BS	PB169037BS	2,4-DCAA	1	500	520	104		61	136
		2,4-DCAA	2	500	504	101		61	136
PB168986TB	PB168986TB	2,4-DCAA	1	500	425	85		61	136
		2,4-DCAA	2	500	465	93		61	136
Q2681-01	NYPA-POUCH-SPENT-CARBO	2,4-DCAA	1	500	432	86		61	136
		2,4-DCAA	2	500	470	94		61	136
Q2681-01MS	NYPA-POUCH-SPENT-CARBO	2,4-DCAA	1	500	515	103		61	136
		2,4-DCAA	2	500	548	110		61	136
Q2681-01MSD	NYPA-POUCH-SPENT-CARBO	2,4-DCAA	1	500	512	102		61	136
		2,4-DCAA	2	500	542	108		61	136
I.BLK-PS031300.D	PIBLK-PS031300.D	2,4-DCAA	1	500	413	83		61	136
		2,4-DCAA	2	500	491	98		61	136

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2681 **Analytical Method:** 8151A

Client: Core Environmental Consultants and Serv **DataFile :** PS031298.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q2681-01MS (Column 1)**	**Client Sample ID:**		**NYPA-POUCH-SPENT-C**								
	2,4-D	50	0	57.9	ug/L	116				65	135	
	2,4,5-TP(Silvex)	50	0	54.2	ug/L	108				62	139	
Lab Sample ID:	**Q2681-01MS (Column 2)**	**Client Sample ID:**		**NYPA-POUCH-SPENT-C**								
	2,4-D	50	0	58.5	ug/L	117				65	135	
	2,4,5-TP(Silvex)	50	0	67.3	ug/L	135				62	139	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	Q2681	**Analytical Method:**	8151A
Client:	Core Environmental Consultants and Serv	**DataFile :**	PS031299.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q2681-01MSD (Column 1)**	**Client Sample ID:**		**NYPA-POUCH-SPENT-C**								
	2,4-D	50	0	57.6	ug/L	115		1		65	135	20
	2,4,5-TP(Silvex)	50	0	53.8	ug/L	108		0		62	139	20
Lab Sample ID:	**Q2681-01MSD (Column 2)**	**Client Sample ID:**		**NYPA-POUCH-SPENT-C**								
	2,4-D	50	0	58.3	ug/L	117		0		65	135	20
	2,4,5-TP(Silvex)	50	0	68.1	ug/L	136		1		62	139	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2681 **Analytical Method:** 8151A

Client: Core Environmental Consultants and Serv **Datafile :** PS031295.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169037BS (Column 1)	2,4-D	5	4.70	ug/L	94				83	130	
	2,4,5-TP(Silvex)	5	4.80	ug/L	96				78	127	
PB169037BS (Column 2)	2,4-D	5	4.70	ug/L	94				83	130	
	2,4,5-TP(Silvex)	5	4.80	ug/L	96				78	127	

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Fax : 908 789 8922

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB169037BL

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG NO.: Q2681

Lab Sample ID: PB169037BL | Lab File ID: PS031294.D

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

Sulfur Cleanup: (Y/N) N | Date Extracted: 07/29/2025

Date Analyzed (1): 07/30/2025 | Date Analyzed (2): 07/30/2025

Time Analyzed (1): 00:09 | Time Analyzed (2): 00:09

Instrument ID (1): ECD_S | Instrument ID (2): ECD_S

GC Column (1): RTX-CLP ID: 0.32 (mm) | GC Column (2): RTX-CLP2 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
PB169037BS	PB169037BS	PS031295.D	07/30/2025	07/30/2025
PB168986TB	PB168986TB	PS031296.D	07/30/2025	07/30/2025
NYPA-POUCH-SPENT-CARBON	Q2681-01	PS031297.D	07/30/2025	07/30/2025
NYPA-POUCH-SPENT-CARBONMS	Q2681-01MS	PS031298.D	07/30/2025	07/30/2025
NYPA-POUCH-SPENT-CARBONMSD	Q2681-01MSD	PS031299.D	07/30/2025	07/30/2025

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	NYPA	Date Received:	
Client Sample ID:	PB169037BL	SDG No.:	Q2681
Lab Sample ID:	PB169037BL	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031294.D	1	07/29/25 08:47	07/30/25 00:09	PB169037

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	2.00	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	2.00	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	466		61 - 136	93%	SPK: 500

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

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/29/25
Project:	NYPA	Date Received:	07/29/25
Client Sample ID:	PIBLK-PS031274.D	SDG No.:	Q2681
Lab Sample ID:	I.BLK-PS031274.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031274.D	1		07/29/25	PS072925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	2.00	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	2.00	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	491		61 - 136	98%	SPK: 500

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

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/29/25
Project:	NYPA	Date Received:	07/29/25
Client Sample ID:	PIBLK-PS031292.D	SDG No.:	Q2681
Lab Sample ID:	I.BLK-PS031292.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031292.D	1		07/29/25	PS072925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	2.00	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	2.00	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	476		61 - 136	95%	SPK: 500

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

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/30/25
Project:	NYPA	Date Received:	07/30/25
Client Sample ID:	PIBLK-PS031300.D	SDG No.:	Q2681
Lab Sample ID:	I.BLK-PS031300.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031300.D	1		07/30/25	PS072925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	2.00	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	2.00	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	491		61 - 136	98%	SPK: 500

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

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	NYPA	Date Received:	
Client Sample ID:	PB169037BS	SDG No.:	Q2681
Lab Sample ID:	PB169037BS	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031295.D	1	07/29/25 08:47	07/30/25 00:33	PB169037

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	4.70		0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	4.80		0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	520		61 - 136	104%	SPK: 500

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

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/23/25
Project:	NYPA	Date Received:	07/23/25
Client Sample ID:	NYPA-POUCH-SPENT-CARBONMS	SDG No.:	Q2681
Lab Sample ID:	Q2681-01MS	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031298.D	1	07/29/25 08:47	07/30/25 01:44	PB169037

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	58.5		9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	67.3		7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	548		61 - 136	110%	SPK: 500

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

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/23/25
Project:	NYPA	Date Received:	07/23/25
Client Sample ID:	NYPA-POUCH-SPENT-CARBONMSD	SDG No.:	Q2681
Lab Sample ID:	Q2681-01MSD	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031299.D	1	07/29/25 08:47	07/30/25 02:09	PB169037

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	58.3		9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	68.1		7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	542		61 - 136	108%	SPK: 500

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

CALIBRATION SUMMARY

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_S
Contract: CORE02
SDG NO.: Q2681
Calibration Date(s): 07/29/2025 07/29/2025
Calibration Times: 16:30 18:07

GC Column: RTX-CLP ID: 0.32 (mm)

LAB FILE ID: RT 200 = PS031275.D RT 500 = PS031276.D
RT 750 = PS031277.D RT 1000 = PS031278.D RT 1500 = PS031279.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-TP(Silvex)	9.33	9.33	9.33	9.33	9.33	9.33	9.23	9.43
2,4-D	8.45	8.45	8.45	8.45	8.45	8.45	8.35	8.55
2,4-DCAA	7.32	7.32	7.32	7.32	7.32	7.32	7.22	7.42

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_S
Contract: CORE02
SDG NO.: Q2681
Calibration Date(s): 07/29/2025 07/29/2025
Calibration Times: 16:30 18:07

GC Column: RTX-CLP2 ID: 0.32 (mm)

LAB FILE ID: RT 200 = PS031275.D RT 500 = PS031276.D
RT 750 = PS031277.D RT 1000 = PS031278.D RT 1500 = PS031279.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-TP(Silvex)	9.93	9.92	9.92	9.92	9.92	9.92	9.82	10.02
2,4-D	9.03	9.03	9.03	9.02	9.02	9.03	8.93	9.13
2,4-DCAA	7.77	7.77	7.77	7.76	7.76	7.77	7.67	7.87

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_S

Contract: CORE02
SDG NO.: Q2681
Calibration Date(s): 07/29/2025 07/29/2025
Calibration Times: 16:30 18:07

GC Column: RTX-CLP **ID:** 0.32 (mm)

LAB FILE ID: CF 200 = PS031275.D CF 500 = PS031276.D
CF 750 = PS031277.D CF 1000 = PS031278.D CF 1500 = PS031279.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	16396000000	16819100000	16676100000	16892300000	16522800000	16661300000	1
2,4-D	2576570000	2575840000	2553160000	2630000000	2631140000	2593340000	1
2,4-DCAA	3064840000	2959730000	2862370000	2871350000	2808730000	2913400000	3

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_S

Contract: CORE02
SDG NO.: Q2681
Calibration Date(s): 07/29/2025 07/29/2025
Calibration Times: 16:30 18:07

GC Column: RTX-CLP2 **ID:** 0.32 (mm)

LAB FILE ID: CF 200 = PS031275.D CF 500 = PS031276.D
CF 750 = PS031277.D CF 1000 = PS031278.D CF 1500 = PS031279.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	13057400000	12937900000	12568100000	12631100000	12319500000	12702800000	2
2,4-D	1448930000	1409840000	1369840000	1380980000	1368050000	1395530000	2
2,4-DCAA	882797000	843990000	816032000	820679000	811907000	835081000	4

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

Continuing Calib Date: 07/29/2025 **Initial Calibration Date(s):** 07/29/2025 07/29/2025

Continuing Calib Time: 23:45 **Initial Calibration Time(s):** 16:30 18:07

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.31	7.32	7.22	7.42	0.01
2,4-D	8.44	8.45	8.35	8.55	0.01
2,4,5-TP(Silvex)	9.32	9.33	9.23	9.43	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

Continuing Calib Date: 07/29/2025 **Initial Calibration Date(s):** 07/29/2025 07/29/2025

Continuing Calib Time: 23:45 **Initial Calibration Time(s):** 16:30 18:07

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.77	7.77	7.67	7.87	0.01
2,4-D	9.02	9.03	8.93	9.13	0.01
2,4,5-TP(Silvex)	9.92	9.92	9.82	10.02	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/29/2025 07/29/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/29/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031293.D **Time Analyzed:** 23:45

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.324	9.227	9.427	716.860	712.500	0.6
2,4-D	8.444	8.346	8.546	695.390	705.000	-1.4
2,4-DCAA	7.313	7.215	7.415	750.570	750.000	0.1

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/29/2025 07/29/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/29/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031293.D **Time Analyzed:** 23:45

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.923	9.824	10.024	706.120	712.500	-0.9
2,4-D	9.024	8.925	9.125	687.020	705.000	-2.6
2,4-DCAA	7.765	7.666	7.866	736.100	750.000	-1.9

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

Continuing Calib Date: 07/30/2025 **Initial Calibration Date(s):** 07/29/2025 07/29/2025

Continuing Calib Time: 02:57 **Initial Calibration Time(s):** 16:30 18:07

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.31	7.32	7.22	7.42	0.01
2,4-D	8.44	8.45	8.35	8.55	0.01
2,4,5-TP(Silvex)	9.32	9.33	9.23	9.43	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

Continuing Calib Date: 07/30/2025 **Initial Calibration Date(s):** 07/29/2025 07/29/2025

Continuing Calib Time: 02:57 **Initial Calibration Time(s):** 16:30 18:07

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.76	7.77	7.67	7.87	0.01
2,4-D	9.02	9.03	8.93	9.13	0.01
2,4,5-TP(Silvex)	9.92	9.92	9.82	10.02	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/29/2025 07/29/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/30/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031301.D **Time Analyzed:** 02:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.322	9.227	9.427	723.660	712.500	1.6
2,4-D	8.441	8.346	8.546	708.400	705.000	0.5
2,4-DCAA	7.312	7.215	7.415	769.970	750.000	2.7

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/29/2025 07/29/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/30/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS031301.D **Time Analyzed:** 02:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.923	9.824	10.024	709.370	712.500	-0.4
2,4-D	9.023	8.925	9.125	689.660	705.000	-2.2
2,4-DCAA	7.764	7.666	7.866	735.430	750.000	-1.9

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Analytical Sequence

Client: Core Environmental Consultants and Servi **SDG No.:** Q2681

Project: NYPA **Instrument ID:** ECD_S

GC Column: RTX-CLP **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/29/2025 07/29/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
I.BLK	I.BLK	07/29/2025	16:06	PS031274.D	7.32	0.00
HSTDICC200	HSTDICC200	07/29/2025	16:30	PS031275.D	7.32	0.00
HSTDICC500	HSTDICC500	07/29/2025	16:54	PS031276.D	7.32	0.00
HSTDICC750	HSTDICC750	07/29/2025	17:18	PS031277.D	7.32	0.00
HSTDICC1000	HSTDICC1000	07/29/2025	17:42	PS031278.D	7.32	0.00
HSTDICC1500	HSTDICC1500	07/29/2025	18:07	PS031279.D	7.32	0.00
I.BLK	I.BLK	07/29/2025	23:21	PS031292.D	7.31	0.00
HSTDCCC750	HSTDCCC750	07/29/2025	23:45	PS031293.D	7.31	0.00
PB169037BL	PB169037BL	07/30/2025	00:09	PS031294.D	7.31	0.00
PB169037BS	PB169037BS	07/30/2025	00:33	PS031295.D	7.31	0.00
PB168986TB	PB168986TB	07/30/2025	00:57	PS031296.D	7.31	0.00
NYPA-POUCH-SPENT-CARBON	Q2681-01	07/30/2025	01:20	PS031297.D	7.31	0.00
NYPA-POUCH-SPENT-CARBONMS	Q2681-01MS	07/30/2025	01:44	PS031298.D	7.31	0.00
NYPA-POUCH-SPENT-CARBONMSD	Q2681-01MSD	07/30/2025	02:09	PS031299.D	7.31	0.00
I.BLK	I.BLK	07/30/2025	02:33	PS031300.D	7.31	0.00
HSTDCCC750	HSTDCCC750	07/30/2025	02:57	PS031301.D	7.31	0.00

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Analytical Sequence

Client: Core Environmental Consultants and Servi **SDG No.:** Q2681

Project: NYPA **Instrument ID:** ECD_S

GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/29/2025 07/29/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
I.BLK	I.BLK	07/29/2025	16:06	PS031274.D	7.77	0.00
HSTDICC200	HSTDICC200	07/29/2025	16:30	PS031275.D	7.77	0.00
HSTDICC500	HSTDICC500	07/29/2025	16:54	PS031276.D	7.77	0.00
HSTDICC750	HSTDICC750	07/29/2025	17:18	PS031277.D	7.77	0.00
HSTDICC1000	HSTDICC1000	07/29/2025	17:42	PS031278.D	7.76	0.00
HSTDICC1500	HSTDICC1500	07/29/2025	18:07	PS031279.D	7.76	0.00
I.BLK	I.BLK	07/29/2025	23:21	PS031292.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/29/2025	23:45	PS031293.D	7.77	0.00
PB169037BL	PB169037BL	07/30/2025	00:09	PS031294.D	7.76	0.00
PB169037BS	PB169037BS	07/30/2025	00:33	PS031295.D	7.77	0.00
PB168986TB	PB168986TB	07/30/2025	00:57	PS031296.D	7.76	0.00
NYPA-POUCH-SPENT-CARBON	Q2681-01	07/30/2025	01:20	PS031297.D	7.76	0.00
NYPA-POUCH-SPENT-CARBONMS	Q2681-01MS	07/30/2025	01:44	PS031298.D	7.76	0.00
NYPA-POUCH-SPENT-CARBONMSD	Q2681-01MSD	07/30/2025	02:09	PS031299.D	7.76	0.00
I.BLK	I.BLK	07/30/2025	02:33	PS031300.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/30/2025	02:57	PS031301.D	7.76	0.00

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.: NYPA-POUCH-SPENT-CARBO

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG NO.: Q2681

Lab Sample ID: Q2681-01MS | Date(s) Analyzed: 07/30/2025 | 07/30/2025

Instrument ID (1): ECD_S | Instrument ID (2): ECD_S

GC Column: (1): RTX-CLP ID: 0.32 (mm) | GC Column:(2): RTX-CLP2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
2,4-D	1	8.44	8.39	8.49	57.9	1
	2	9.02	8.97	9.07	58.5	
2,4,5-TP(Silvex)	1	9.32	9.27	9.37	54.2	21.6
	2	9.92	9.87	9.97	67.3	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.
NYPA-POUCH-SPENT-CARBO

Lab Name: Alliance
Contract: CORE02
Lab Code: ACE
SDG NO.: Q2681
Lab Sample ID: Q2681-01MSD
Date(s) Analyzed: 07/30/2025 07/30/2025
Instrument ID (1): ECD_S
Instrument ID (2): ECD_S
GC Column: (1): RTX-CLP ID: 0.32 (mm)
GC Column:(2): RTX-CLP2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
2,4-D	1	8.44	8.39	8.49	57.6	1.2
	2	9.02	8.97	9.07	58.3	
2,4,5-TP(Silvex)	1	9.32	9.27	9.37	53.8	23.5
	2	9.92	9.87	9.97	68.1	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169037BS

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2681

Lab Sample ID: PB169037BS **Date(s) Analyzed:** 07/30/2025 07/30/2025

Instrument ID (1): ECD_S **Instrument ID (2):** ECD_S

GC Column: (1): RTX-CLP **ID:** 0.32 (mm) **GC Column:(2):** RTX-CLP2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
2,4-D	1	8.44	8.39	8.49	4.70	0
	2	9.03	8.98	9.08	4.70	
2,4,5-TP(Silvex)	1	9.32	9.27	9.37	4.80	0
	2	9.92	9.87	9.97	4.80	

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LAB CHRONICLE

OrderID:	Q2681	**OrderDate:**	7/23/2025 2:59:39 PM
Client:	Core Environmental Consultants and Services, Inc.	**Project:**	NYPA
Contact:	Roland Scardino	**Location:**	D21

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2681-01	**NYPA-POUCH-SPENT-CARBON**	**TCLP**			**07/23/25**			**07/23/25**
			TCLP ICP Metals	6010D		07/25/25	07/28/25	
			TCLP Mercury	7470A		07/28/25	07/28/25	

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Hit Summary Sheet
SW-846

SDG No.:	Q2681	**Order ID:**	Q2681
Client:	Core Environmental Consultants and Services, Inc.	**Project ID:**	NYPA

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : NYPA-POUCH-SPENT-CARBON								
Q2681-01	NYPA-POUCH-SPENT-CARBO	TCLP	Barium	476	J	72.8	500	ug/L

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/23/25
Project:	NYPA	Date Received:	07/23/25
Client Sample ID:	NYPA-POUCH-SPENT-CARBON	SDG No.:	Q2681
Lab Sample ID:	Q2681-01	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	100	U	1	25.6	100	ug/L	07/25/25 12:30	07/28/25 13:01	6010D	SW3050
7440-39-3	Barium	476	J	1	72.8	500	ug/L	07/25/25 12:30	07/28/25 13:01	6010D	SW3050
7440-43-9	Cadmium	30.0	U	1	2.50	30.0	ug/L	07/25/25 12:30	07/28/25 13:01	6010D	SW3050
7440-47-3	Chromium	50.0	U	1	10.6	50.0	ug/L	07/25/25 12:30	07/28/25 13:01	6010D	SW3050
7439-92-1	Lead	60.0	U	1	11.5	60.0	ug/L	07/25/25 12:30	07/28/25 13:01	6010D	SW3050
7439-97-6	Mercury	2.00	U	1	0.76	2.00	ug/L	07/28/25 08:55	07/28/25 12:11	7470A	
7782-49-2	Selenium	100	U	1	48.2	100	ug/L	07/25/25 12:30	07/28/25 13:01	6010D	SW3050
7440-22-4	Silver	50.0	U	1	8.10	50.0	ug/L	07/25/25 12:30	07/28/25 13:01	6010D	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	TCLP-FULL				

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

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q2681

Contract: CORE02

Lab Code: ACE

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
ICV40	Mercury	4.28	4.0	107	90 - 110	CV	07/28/2025	11:45	LB136633

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q2681

Contract: CORE02

Lab Code: ACE

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
CCV51	Mercury	5.33	5.0	107	90 - 110	CV	07/28/2025	11:50	LB136633
CCV52	Mercury	5.16	5.0	103	90 - 110	CV	07/28/2025	12:23	LB136633
CCV53	Mercury	4.98	5.0	100	90 - 110	CV	07/28/2025	12:50	LB136633
CCV54	Mercury	4.92	5.0	98	90 - 110	CV	07/28/2025	13:11	LB136633
CCV55	Mercury	4.77	5.0	95	90 - 110	CV	07/28/2025	13:24	LB136633

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q2681

Contract: CORE02

Lab Code: ACE

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	3810	4000	95	90 - 110	P	07/28/2025	11:38	LB136640
	Barium	7980	8000	100	90 - 110	P	07/28/2025	11:38	LB136640
	Cadmium	1890	2000	95	90 - 110	P	07/28/2025	11:38	LB136640
	Chromium	809	800	101	90 - 110	P	07/28/2025	11:38	LB136640
	Lead	3900	4000	98	90 - 110	P	07/28/2025	11:38	LB136640
	Selenium	3850	4000	96	90 - 110	P	07/28/2025	11:38	LB136640
	Silver	1050	1000	105	90 - 110	P	07/28/2025	11:38	LB136640

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q2681

Contract: CORE02

Lab Code: ACE

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	20.3	20.0	102	80 - 120	P	07/28/2025	11:53	LB136640
	Barium	103	100	103	80 - 120	P	07/28/2025	11:53	LB136640
	Cadmium	5.63	6.0	94	80 - 120	P	07/28/2025	11:53	LB136640
	Chromium	10.6	10.0	106	80 - 120	P	07/28/2025	11:53	LB136640
	Lead	11.8	12.0	98	80 - 120	P	07/28/2025	11:53	LB136640
	Selenium	21.6	20.0	108	80 - 120	P	07/28/2025	11:53	LB136640
	Silver	10.7	10.0	107	80 - 120	P	07/28/2025	11:53	LB136640

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q2681

Contract: CORE02

Lab Code: ACE

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	4990	5000	100	90 - 110	P	07/28/2025	12:29	LB136640
	Barium	10200	10000	102	90 - 110	P	07/28/2025	12:29	LB136640
	Cadmium	2390	2500	96	90 - 110	P	07/28/2025	12:29	LB136640
	Chromium	962	1000	96	90 - 110	P	07/28/2025	12:29	LB136640
	Lead	4900	5000	98	90 - 110	P	07/28/2025	12:29	LB136640
	Selenium	5040	5000	101	90 - 110	P	07/28/2025	12:29	LB136640
	Silver	1260	1250	100	90 - 110	P	07/28/2025	12:29	LB136640
CCV02	Arsenic	5000	5000	100	90 - 110	P	07/28/2025	13:27	LB136640
	Barium	9910	10000	99	90 - 110	P	07/28/2025	13:27	LB136640
	Cadmium	2340	2500	94	90 - 110	P	07/28/2025	13:27	LB136640
	Chromium	964	1000	96	90 - 110	P	07/28/2025	13:27	LB136640
	Lead	4910	5000	98	90 - 110	P	07/28/2025	13:27	LB136640
	Selenium	5050	5000	101	90 - 110	P	07/28/2025	13:27	LB136640
	Silver	1240	1250	100	90 - 110	P	07/28/2025	13:27	LB136640
CCV03	Arsenic	5000	5000	100	90 - 110	P	07/28/2025	14:35	LB136640
	Barium	10100	10000	101	90 - 110	P	07/28/2025	14:35	LB136640
	Cadmium	2260	2500	90	90 - 110	P	07/28/2025	14:35	LB136640
	Chromium	975	1000	98	90 - 110	P	07/28/2025	14:35	LB136640
	Lead	4850	5000	97	90 - 110	P	07/28/2025	14:35	LB136640
	Selenium	5060	5000	101	90 - 110	P	07/28/2025	14:35	LB136640
	Silver	1260	1250	101	90 - 110	P	07/28/2025	14:35	LB136640
CCV04	Arsenic	5170	5000	103	90 - 110	P	07/28/2025	15:40	LB136640
	Barium	10300	10000	103	90 - 110	P	07/28/2025	15:40	LB136640
	Cadmium	2290	2500	92	90 - 110	P	07/28/2025	15:40	LB136640
	Chromium	955	1000	96	90 - 110	P	07/28/2025	15:40	LB136640
	Lead	4910	5000	98	90 - 110	P	07/28/2025	15:40	LB136640
	Selenium	5300	5000	106	90 - 110	P	07/28/2025	15:40	LB136640
	Silver	1280	1250	102	90 - 110	P	07/28/2025	15:40	LB136640
CCV05	Arsenic	5130	5000	103	90 - 110	P	07/28/2025	16:58	LB136640
	Barium	10500	10000	105	90 - 110	P	07/28/2025	16:58	LB136640
	Cadmium	2260	2500	90	90 - 110	P	07/28/2025	16:58	LB136640
	Chromium	923	1000	92	90 - 110	P	07/28/2025	16:58	LB136640
	Lead	4790	5000	96	90 - 110	P	07/28/2025	16:58	LB136640
	Selenium	5310	5000	106	90 - 110	P	07/28/2025	16:58	LB136640

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q2681

Contract: CORE02

Lab Code: ACE

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	1270	1250	102	90 - 110	P	07/28/2025	16:58	LB136640

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Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q2681

Contract: CORE02 **Lab Code:** ACE

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
CRA	Mercury	0.23	0.2	114	70 - 130	CV	07/28/2025	11:57	LB136633
CRI01	Arsenic	20.1	20.0	101	65 - 135	P	07/28/2025	12:07	LB136640
	Barium	104	100	104	65 - 135	P	07/28/2025	12:07	LB136640
	Cadmium	5.58	6.0	93	65 - 135	P	07/28/2025	12:07	LB136640
	Chromium	10.7	10.0	107	65 - 135	P	07/28/2025	12:07	LB136640
	Lead	10.9	12.0	90	65 - 135	P	07/28/2025	12:07	LB136640
	Selenium	19.5	20.0	98	65 - 135	P	07/28/2025	12:07	LB136640
	Silver	10.6	10.0	106	65 - 135	P	07/28/2025	12:07	LB136640

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q2681

Contract: CORE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB40	Mercury	0.076	+/-0.2	U	0.20	CV	07/28/2025	11:48	LB136633

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q2681

Contract: CORE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB51	Mercury	0.076	+/-0.2	U	0.20	CV	07/28/2025	11:52	LB136633
CCB52	Mercury	0.076	+/-0.2	U	0.20	CV	07/28/2025	12:25	LB136633
CCB53	Mercury	0.076	+/-0.2	U	0.20	CV	07/28/2025	12:52	LB136633
CCB54	Mercury	0.076	+/-0.2	U	0.20	CV	07/28/2025	13:13	LB136633
CCB55	Mercury	0.076	+/-0.2	U	0.20	CV	07/28/2025	13:27	LB136633

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q2681

Contract: CORE02 **Lab Code:** ACE

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	07/28/2025	11:57	LB136640
	Barium	14.6	+/-50	U	100	P	07/28/2025	11:57	LB136640
	Cadmium	0.50	+/-3	U	6.00	P	07/28/2025	11:57	LB136640
	Chromium	2.12	+/-5	U	10.0	P	07/28/2025	11:57	LB136640
	Lead	2.30	+/-6	U	12.0	P	07/28/2025	11:57	LB136640
	Selenium	9.64	+/-10	U	20.0	P	07/28/2025	11:57	LB136640
	Silver	1.62	+/-5	U	10.0	P	07/28/2025	11:57	LB136640

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q2681

Contract: CORE02 **Lab Code:** ACE

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	07/28/2025	12:33	LB136640
	Barium	14.6	+/-50	U	100	P	07/28/2025	12:33	LB136640
	Cadmium	0.50	+/-3	U	6.00	P	07/28/2025	12:33	LB136640
	Chromium	2.12	+/-5	U	10.0	P	07/28/2025	12:33	LB136640
	Lead	2.30	+/-6	U	12.0	P	07/28/2025	12:33	LB136640
	Selenium	9.64	+/-10	U	20.0	P	07/28/2025	12:33	LB136640
	Silver	1.62	+/-5	U	10.0	P	07/28/2025	12:33	LB136640
CCB02	Arsenic	5.12	+/-10	U	20.0	P	07/28/2025	13:31	LB136640
	Barium	14.6	+/-50	U	100	P	07/28/2025	13:31	LB136640
	Cadmium	0.50	+/-3	U	6.00	P	07/28/2025	13:31	LB136640
	Chromium	2.12	+/-5	U	10.0	P	07/28/2025	13:31	LB136640
	Lead	2.30	+/-6	U	12.0	P	07/28/2025	13:31	LB136640
	Selenium	9.64	+/-10	U	20.0	P	07/28/2025	13:31	LB136640
	Silver	1.62	+/-5	U	10.0	P	07/28/2025	13:31	LB136640
CCB03	Arsenic	5.12	+/-10	U	20.0	P	07/28/2025	14:42	LB136640
	Barium	14.6	+/-50	U	100	P	07/28/2025	14:42	LB136640
	Cadmium	0.50	+/-3	U	6.00	P	07/28/2025	14:42	LB136640
	Chromium	2.12	+/-5	U	10.0	P	07/28/2025	14:42	LB136640
	Lead	2.30	+/-6	U	12.0	P	07/28/2025	14:42	LB136640
	Selenium	9.64	+/-10	U	20.0	P	07/28/2025	14:42	LB136640
	Silver	1.62	+/-5	U	10.0	P	07/28/2025	14:42	LB136640
CCB04	Arsenic	5.12	+/-10	U	20.0	P	07/28/2025	16:08	LB136640
	Barium	14.6	+/-50	U	100	P	07/28/2025	16:08	LB136640
	Cadmium	0.50	+/-3	U	6.00	P	07/28/2025	16:08	LB136640
	Chromium	2.12	+/-5	U	10.0	P	07/28/2025	16:08	LB136640
	Lead	2.30	+/-6	U	12.0	P	07/28/2025	16:08	LB136640
	Selenium	9.64	+/-10	U	20.0	P	07/28/2025	16:08	LB136640
	Silver	1.62	+/-5	U	10.0	P	07/28/2025	16:08	LB136640
CCB05	Arsenic	5.12	+/-10	U	20.0	P	07/28/2025	17:02	LB136640
	Barium	14.6	+/-50	U	100	P	07/28/2025	17:02	LB136640
	Cadmium	0.50	+/-3	U	6.00	P	07/28/2025	17:02	LB136640
	Chromium	2.12	+/-5	U	10.0	P	07/28/2025	17:02	LB136640
	Lead	2.30	+/-6	U	12.0	P	07/28/2025	17:02	LB136640
	Selenium	9.64	+/-10	U	20.0	P	07/28/2025	17:02	LB136640
	Silver	1.62	+/-5	U	10.0	P	07/28/2025	17:02	LB136640

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, **SDG No.:** Q2681

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168986TB		**WATER**		**Batch Number:**	**PB169026**		**Prep Date:**	**07/28/2025**	
	Mercury	0.76	<2	U	2.00	CV	07/28/2025	13:15	LB136633

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169026BL		**WATER**		**Batch Number:**	**PB169026**		**Prep Date:**	**07/28/2025**	
	Mercury	0.076	<0.2	U	0.20	CV	07/28/2025	12:04	LB136633

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, **SDG No.:** Q2681

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168986TB		**WATER**		**Batch Number:**	**PB169012**		**Prep Date:**	**07/25/2025**	
	Arsenic	25.6	<50	U	100	P	07/28/2025	12:48	LB136640
	Barium	72.8	<250	U	500	P	07/28/2025	12:48	LB136640
	Cadmium	2.50	<15	U	30.0	P	07/28/2025	12:48	LB136640
	Chromium	10.6	<25	U	50.0	P	07/28/2025	12:48	LB136640
	Lead	11.5	<30	U	60.0	P	07/28/2025	12:48	LB136640
	Selenium	48.2	<50	U	100	P	07/28/2025	12:48	LB136640
	Silver	8.10	<25	U	50.0	P	07/28/2025	12:48	LB136640

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169012BL		**WATER**		**Batch Number:**	**PB169012**		**Prep Date:**	**07/25/2025**	
	Arsenic	25.6	<50	U	100	P	07/28/2025	12:38	LB136640
	Barium	72.8	<250	U	500	P	07/28/2025	12:38	LB136640
	Cadmium	2.50	<15	U	30.0	P	07/28/2025	12:38	LB136640
	Chromium	10.6	<25	U	50.0	P	07/28/2025	12:38	LB136640
	Lead	11.5	<30	U	60.0	P	07/28/2025	12:38	LB136640
	Selenium	48.2	<50	U	100	P	07/28/2025	12:38	LB136640
	Silver	8.10	<25	U	50.0	P	07/28/2025	12:38	LB136640

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q2681

Contract: CORE02 **Lab Code:** ACE

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	9.84			-20	20	07/28/2025	12:11	LB136640
	Barium	5.33	6.0	89	-94	106	07/28/2025	12:11	LB136640
	Cadmium	5.35	1.0	535	-5	7	07/28/2025	12:11	LB136640
	Chromium	55.1	52.0	106	42	62	07/28/2025	12:11	LB136640
	Lead	-1.40			-12	12	07/28/2025	12:11	LB136640
	Selenium	-5.30			-20	20	07/28/2025	12:11	LB136640
	Silver	2.18			-10	10	07/28/2025	12:11	LB136640
ICSAB01	Arsenic	102	104	98	88.4	120	07/28/2025	12:16	LB136640
	Barium	498	537	93	437	637	07/28/2025	12:16	LB136640
	Cadmium	913	972	94	826	1120	07/28/2025	12:16	LB136640
	Chromium	531	542	98	460	624	07/28/2025	12:16	LB136640
	Lead	39.0	49.0	80	37	61	07/28/2025	12:16	LB136640
	Selenium	49.0	46.0	106	26	66	07/28/2025	12:16	LB136640
	Silver	213	201	106	170	232	07/28/2025	12:16	LB136640

METAL QC DATA

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: Core Environmental Consultants and Servic **level:** low **sdg no.:** Q2681

contract: CORE02 **lab code:** ACE

matrix: Water **sample id:** Q2691-08 **client id:** 299MS

Percent Solids for Sample: NA **Spiked ID:** Q2691-08MS **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	3830		32.2	J	4000	95		P
Barium	ug/L	75 - 125	1810		922		1000	89		P
Cadmium	ug/L	75 - 125	835		4.21	J	1000	83		P
Chromium	ug/L	75 - 125	1840		50.0	U	2000	92		P
Lead	ug/L	75 - 125	4320		14.6	J	5000	86		P
Mercury	ug/L	75 - 125	44.5		2.00	U	40.0	111		CV
Selenium	ug/L	75 - 125	9550		100	U	10000	96		P
Silver	ug/L	75 - 125	357		50.0	U	380	94		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: Core Environmental Consultants and Servic **level:** low **sdg no.:** Q2681

contract: CORE02 **lab code:** ACE

matrix: Water **sample id:** Q2691-08 **client id:** 299MSD

Percent Solids for Sample: NA **Spiked ID:** Q2691-08MSD **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	3750		32.2	J	4000	93		P
Barium	ug/L	75 - 125	1760		922		1000	84		P
Cadmium	ug/L	75 - 125	805		4.21	J	1000	80		P
Chromium	ug/L	75 - 125	1780		50.0	U	2000	89		P
Lead	ug/L	75 - 125	4200		14.6	J	5000	84		P
Mercury	ug/L	75 - 125	46.9		2.00	U	40.0	117		CV
Selenium	ug/L	75 - 125	9390		100	U	10000	94		P
Silver	ug/L	75 - 125	349		50.0	U	380	92		P

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Metals
- 5b -

Client: Core Environmental Consultants and Servic **SDG No.:** Q2681

Contract: CORE02 **Lab Code:** ACE

Matrix: **Level:** LOW **Client ID:**

Sample ID: **Spiked ID:**

Analyte	Units	Acceptance Limit %R	C	Sample Result	C	Spike Added	% Recovery	Qual	M

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Core Environmental Consultants and Servic **Level:** LOW **SDG No.:** Q2681

Contract: CORE02 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q2691-08 **Client ID:** 299DUP

Percent Solids for Sample: NA **Duplicate ID** Q2691-08DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	32.2	J	46.2	J	36		P
Barium	ug/L	20	922		885		4		P
Cadmium	ug/L	20	4.21	J	3.87	J	8		P
Chromium	ug/L	20	50.0	U	50.0	U			P
Lead	ug/L	20	14.6	J	14.8	J	1		P
Mercury	ug/L	20	2.00	U	2.00	U			CV
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: Core Environmental Consultants and Servic **Level:** LOW **SDG No.:** Q2681

Contract: CORE02 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q2691-08MS **Client ID:** 299MSD

Percent Solids for Sample: NA **Duplicate ID** Q2691-08MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	3830		3750		2		P
Barium	ug/L	20	1810		1760		3		P
Cadmium	ug/L	20	835		805		4		P
Chromium	ug/L	20	1840		1780		3		P
Lead	ug/L	20	4320		4200		3		P
Mercury	ug/L	20	44.5		46.9		5		CV
Selenium	ug/L	20	9550		9390		2		P
Silver	ug/L	20	357		349		2		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

LABORATORY CONTROL SAMPLE SUMMARY

Client: Core Environmental Consultants and Servic

SDG No.: Q2681

Contract: CORE02

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169012BS							
Arsenic	ug/L	4000	3530		88	80 - 120	P
Barium	ug/L	1000	1060		106	80 - 120	P
Cadmium	ug/L	1000	840		84	80 - 120	P
Chromium	ug/L	2000	1890		94	80 - 120	P
Lead	ug/L	5000	4310		86	80 - 120	P
Selenium	ug/L	10000	9000		90	80 - 120	P
Silver	ug/L	380	359		94	80 - 120	P

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Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: Core Environmental Consultants and Servic

SDG No.: Q2681

Contract: CORE02

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169026BS							
Mercury	ug/L	4.0	4.72		118	80 - 120	CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

299L

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **Lb No.:** lb136640 **Lab Sample ID :** Q2691-08L **SDG No.:** Q2681

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	32.2	J	500	U	100.0		P
Barium	922		979	J	6		P
Cadmium	4.21	J	150	U	100.0		P
Chromium	50.0	U	250	U			P
Lead	14.6	J	300	U	100.0		P
Mercury	2.00	U	10.0	U			CV
Selenium	100	U	500	U			P
Silver	50.0	U	250	U			P

METAL PREPARATION & INSTRUMENT DATA

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Servic

SDG No.: Q2681

Contract: CORE02

Lab Code: ACE

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
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Servic

SDG No.: Q2681

Contract: CORE02

Lab Code: ACE

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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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Servic

SDG No.: Q2681

Contract: CORE02

Lab Code: ACE

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
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Servic

SDG No.: Q2681

Contract: CORE02

Lab Code: ACE

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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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Servic

SDG No.: Q2681

Contract: CORE02

Lab Code: ACE

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: Core Environmental Consultants and Servic **SDG No.:** Q2681

Contract: CORE02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB169012**						
PB168986TB	PB168986TB	MB	WATER	07/25/2025	5.0	25.0	
PB169012BL	PB169012BL	MB	WATER	07/25/2025	5.0	25.0	
PB169012BS	PB169012BS	LCS	WATER	07/25/2025	5.0	25.0	
Q2681-01	NYPA-POUCH-SPENT-CARBON	SAM	WATER	07/25/2025	5.0	25.0	
Q2691-08DUP	299DUP	DUP	WATER	07/25/2025	5.0	25.0	
Q2691-08MS	299MS	MS	WATER	07/25/2025	5.0	25.0	
Q2691-08MSD	299MSD	MSD	WATER	07/25/2025	5.0	25.0	

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Metals
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SAMPLE PREPARATION SUMMARY

Client: Core Environmental Consultants and Servic **SDG No.:** Q2681

Contract: CORE02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB169026**						
PB168986TB	PB168986TB	MB	WATER	07/28/2025	3.0	30.0	
PB169026BL	PB169026BL	MB	WATER	07/28/2025	30.0	30.0	
PB169026BS	PB169026BS	LCS	WATER	07/28/2025	30.0	30.0	
Q2681-01	NYPA-POUCH-SPENT-CARBON	SAM	WATER	07/28/2025	3.0	30.0	
Q2691-08DUP	299DUP	DUP	WATER	07/28/2025	3.0	30.0	
Q2691-08MS	299MS	MS	WATER	07/28/2025	3.0	30.0	
Q2691-08MSD	299MSD	MSD	WATER	07/28/2025	3.0	30.0	

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ANALYSIS RUN LOG

Client: Core Environmental Consultants and Servic **Contract:** CORE02

Lab code: ACE **Sdg no.:** Q2681

Instrument id number: **Method:** **Run number:** LB136633

Start date: 07/28/2025 **End date:** 07/28/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1125	HG
S0.2	S0.2	1	1127	HG
S2.5	S2.5	1	1130	HG
S5	S5	1	1132	HG
S7.5	S7.5	1	1134	HG
S10	S10	1	1140	HG
ICV40	ICV40	1	1145	HG
ICB40	ICB40	1	1148	HG
CCV51	CCV51	1	1150	HG
CCB51	CCB51	1	1152	HG
CRA	CRA	1	1157	HG
PB169026BL	PB169026BL	1	1204	HG
PB169026BS	PB169026BS	1	1209	HG
Q2681-01	NYPA-POUCH-SPENT-CARBC	1	1211	HG
CCV52	CCV52	1	1223	HG
CCB52	CCB52	1	1225	HG
CCV53	CCV53	1	1250	HG
CCB53	CCB53	1	1252	HG
Q2691-08DUP	299DUP	1	1304	HG
Q2691-08MS	299MS	1	1306	HG
Q2691-08MSD	299MSD	1	1308	HG
CCV54	CCV54	1	1311	HG
CCB54	CCB54	1	1313	HG
PB168986TB	PB168986TB	1	1315	HG
Q2691-08L	299L	5	1320	HG
CCV55	CCV55	1	1324	HG
CCB55	CCB55	1	1327	HG

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ANALYSIS RUN LOG

Client: Core Environmental Consultants and Servic **Contract:** CORE02

Lab code: ACE **Sdg no.:** Q2681

Instrument id number: **Method:** **Run number:** LB136640

Start date: 07/28/2025 **End date:** 07/28/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1112	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1117	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1121	Ag,As,Ba,Cd,Cr,Pb,Se
S3	S3	1	1125	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1129	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1133	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1138	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1153	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1157	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1207	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1211	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1216	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1229	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1233	Ag,As,Ba,Cd,Cr,Pb,Se
PB169012BL	PB169012BL	1	1238	Ag,As,Ba,Cd,Cr,Pb,Se
PB168986TB	PB168986TB	1	1248	Ag,As,Ba,Cd,Cr,Pb,Se
PB169012BS	PB169012BS	1	1252	Ag,As,Ba,Cd,Cr,Pb,Se
Q2681-01	NYPA-POUCH-SPENT-CARBC	1	1301	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1327	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1331	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1435	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1442	Ag,As,Ba,Cd,Cr,Pb,Se
Q2691-08DUP	299DUP	1	1451	Ag,As,Ba,Cd,Cr,Pb,Se
Q2691-08L	299L	5	1455	Ag,As,Ba,Cd,Cr,Pb,Se
Q2691-08MS	299MS	1	1459	Ag,As,Ba,Cd,Cr,Pb,Se
Q2691-08MSD	299MSD	1	1503	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1540	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1608	Ag,As,Ba,Cd,Cr,Pb,Se
CCV05	CCV05	1	1658	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	1702	Ag,As,Ba,Cd,Cr,Pb,Se

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LAB CHRONICLE

OrderID:	Q2681	**OrderDate:**	7/23/2025 2:59:39 PM
Client:	Core Environmental Consultants and Services, Inc.	**Project:**	NYPA
Contact:	Roland Scardino	**Location:**	D21

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2681-01	**NYPA-POUCH-SPENT-CARBON**	**SOIL**			**07/23/25 08:45**			**07/23/25**
			Ignitability	1030			07/24/25 09:40	
			pH	9045D			07/24/25 12:15	

SAMPLE DATA

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Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	07/23/25 08:45
Project:	NYPA	Date Received:	07/23/25
Client Sample ID:	NYPA-POUCH-SPENT-CARBON	SDG No.:	Q2681
Lab Sample ID:	Q2681-01	Matrix:	SOIL
		% Solid:	93

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ignitability	NO		1	0	0	oC		07/24/25 09:40	1030
pH	5.46	H	1	0	0	pH		07/24/25 12:15	9045D

Comments: pH result reported at temperature 22.6 °C

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: Core Environmental Consultants and Services, Inc. **SDG No.:** Q2681

Project: NYPA **RunNo.:** LB136593

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV						
pH		pH	7.02	7	100	90-110	07/24/2025
Sample ID:	CCV1						
pH		pH	2.01	2.00	101	90-110	07/24/2025
Sample ID:	CCV2						
pH		pH	12.02	12.00	100	90-110	07/24/2025

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Duplicate Sample Summary

Client: Core Environmental Consultants and Services, Inc.
SDG No.: Q2681
Project: NYPA
Sample ID: Q2681-01
Client ID: NYPA-POUCH-SPENT-CARBONDUP
Percent Solids for Spike Sample: 93

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
pH	pH	+/-20	5.46		5.48		1	0.37		07/24/2025
Ignitability	oC	+/-20	NO		NO		1	0		07/24/2025

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number: Q2681

COC Number:

CLIENT INFORMATION

COMPANY: CORE ENVIRONMENTAL CONSULTANTS
ADDRESS: 22-48 119TH STREET
CITY: COLLEGE POINT STATE: NY ZIP: 11356
ATTENTION: ROLAND SCARDINO
PHONE: 609-781-8074 FAX:

PROJECT INFORMATION

PROJECT NAME: NYPA - POUCH
PROJECT #: LOCATION: 143 EDGEWAWTER STREET - STATEN ISLAND, NY 10305
PROJECT MANAGER: ROLAND SCARDINO
E-MAIL: rscardino@coreenv.com
PHONE: 609-781-8074 FAX:

BILLING INFORMATION

BILL TO: CORE ENVIRONMENTAL CONSULTAN PO#
ADDRESS: 2312 WEHRLE DR
CITY: BUFFALO STATE: NY ZIP:14221
ATTENTION: JOSEPH ZAHEER PHONE:716-204-8054

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

- ☐ RESULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other_____
- ☒ EDD Format NYSDEC

ANALYSIS

1	2	3	4	5	6	7	8	9
Full TCL	PCBs	TOC Solids	PH					

CHEMTECH 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.	NYPA - POUCH - SPENT CARBON	Solid		X	7/23/25	8:45	10	X	X	X	X						
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. J Frishberg	7/23/25 1340	1.
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.
RELINQUISHED BY 3.	DATE/TIME 7/23/25 1510	RECEIVED FOR LAB BY 3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 3.3°C
MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler?: ✓
Comments:

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

Shipment Complete ☐ YES ☐ NO

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

Alliance TECHNICAL GROUP
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