

ANALYTICAL RESULTS SUMMARY

SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : NWIRP BETHPAGE 112G08005-WE13

TETRA TECH NUS, INC.

661 Andersen Drive

Suite 200

Pittsburgh, PA - 15220-2745

Phone No: 412-921-7090

ORDER ID : Q3141

ATTENTION : Ernie Wu



Laboratory Certification ID # 20012



1) Signature Page	3
2) Case Narrative	4
2.1) VOC-TCLVOA-10- Case Narrative	4
2.2) SVOC-SIMGroup1- Case Narrative	6
3) Qualifier Page	8
4) QA Checklist	9
5) VOC-TCLVOA-10 Data	10
6) SVOC-SIMGroup1 Data	79
7) Shipping Document	104
7.1) CHAIN OF CUSTODY	105
7.2) Lab Certificate	106
7.3) Internal COC	107

1
2
3
4
5
6
7

Cover Page

Order ID : Q3141

Project ID : NWIRP Bethpage 112G08005-WE13

Client : Tetra Tech NUS, Inc.

Lab Sample Number

Q3141-01
Q3141-02
Q3141-03
Q3141-04
Q3141-05
Q3141-06
Q3141-07

Client Sample Number

BP-VPB-184-TB-20250917
BP-VPB-184-EB-20250918
BP-VPB-184-GW-60-62
BP-VPB-184-GW-100-102
BP-VPB-184-GW-150-152
BP-VPB-184-GW-200-202
BP-VPB-184-GW-220-222

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

Signature : _____

Date: 9/30/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Tetra Tech NUS, Inc.

Project Name: NWIRP Bethpage 112G08005-WE13

Project Manager: Ernie Wu

Order ID # Q3141

Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:

7 Water samples were received on 09/18/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

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 VOC-TCLVOA-10 was based on method 8260D.

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 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 File ID VX047719.D met the requirements except for Bromomethane, Dichlorodifluoromethane and Vinyl Chloride failing high but no positive hit in associated samples therefore no corrective action taken.

The Continuous Calibration File ID VX047746.D met the requirements except for Dichlorodifluoromethane failing high but no positive hit in associated samples therefore no corrective action taken.

The Tuning criteria met requirements.

E. Additional Comments:

The laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is)."



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Phone: 908 789 8900 Fax: 908 789 8922

2
2.1

The Sample #BP-VPB-184-GW-150-152, BP-VPB-184-GW-200-202 have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

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

The not QT review data is reported in the Miscellaneous.

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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Signature_____

CASE NARRATIVE

Tetra Tech NUS, Inc.

Project Name: NWIRP Bethpage 112G08005-WE13

Project Manager: Ernie Wu

Order ID # Q3141

Test Name: SVOC-SIMGroup1

A. Number of Samples and Date of Receipt:

4 Water samples were received on 09/18/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: SVOC-SIMGroup1. This data package contains results for SVOC-SIMGroup1.

C. Analytical Techniques:

The samples were analyzed on instrument BNA_N using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOC-SIMGroup1 was based on method 8270-Modified and extraction was done based on method 3510.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for, BP-VPB-184-EB-20250918 [Terphenyl-d14 - 164%], Failed surrogate is not associated with DOD, Therefor no further corrective action was taken.

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.

E. Additional Comments:

The laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is)."

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



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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_____

DATA REPORTING QUALIFIERS- ORGANIC

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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3141

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 Custody

✓

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: 09/30/2025

LAB CHRONICLE

OrderID:	Q3141	OrderDate:	9/18/2025 3:41:00 PM
Client:	Tetra Tech NUS, Inc.	Project:	NWIRP Bethpage 112G08005-WE13
Contact:	Ernie Wu	Location:	J11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3141-01	BP-VPB-184-TB-2025 0917	Water			09/17/25			09/18/25
			VOC-TCLVOA-10	8260-Low			09/23/25	
Q3141-02	BP-VPB-184-EB-2025 0918	Water			09/18/25			09/18/25
			VOC-TCLVOA-10	8260-Low			09/24/25	
Q3141-03	BP-VPB-184-GW-60-6 2	Water			09/17/25			09/18/25
			VOC-TCLVOA-10	8260-Low			09/23/25	
Q3141-04	BP-VPB-184-GW-100- 102	Water			09/17/25			09/18/25
			VOC-TCLVOA-10	8260-Low			09/24/25	
Q3141-05	BP-VPB-184-GW-150- 152	Water			09/18/25			09/18/25
			VOC-TCLVOA-10	8260-Low			09/23/25	
Q3141-06	BP-VPB-184-GW-200- 202	Water			09/18/25			09/18/25
			VOC-TCLVOA-10	8260-Low			09/23/25	
Q3141-07	BP-VPB-184-GW-220- 222	Water			09/18/25			09/18/25
			VOC-TCLVOA-10	8260-Low			09/23/25	

Hit Summary Sheet SW-846

SDG No.: Q3141
Client: Tetra Tech NUS, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID: BP-VPB-184-EB-20250918									
Q3141-02	BP-VPB-184-EB-20	Water	Acetone	64.5		1.50	3.80	5.00	ug/L
Q3141-02	BP-VPB-184-EB-20	Water	2-Butanone	7.80		0.98	2.50	5.00	ug/L
			Total Voc :	72.3					
			Total Concentration:	72.3					
Client ID: BP-VPB-184-GW-60-62									
Q3141-03	BP-VPB-184-GW-6	Water	Chloromethane	0.35	J	0.32	0.50	1.00	ug/L
Q3141-03	BP-VPB-184-GW-6	Water	Acetone	10.6		1.50	3.80	5.00	ug/L
Q3141-03	BP-VPB-184-GW-6	Water	2-Butanone	2.90	J	0.98	2.50	5.00	ug/L
Q3141-03	BP-VPB-184-GW-6	Water	Chloroform	1.60		0.25	0.50	1.00	ug/L
Q3141-03	BP-VPB-184-GW-6	Water	Benzene	0.76	J	0.15	0.50	1.00	ug/L
Q3141-03	BP-VPB-184-GW-6	Water	Toluene	0.39	J	0.14	0.50	1.00	ug/L
Q3141-03	BP-VPB-184-GW-6	Water	Dibromochloromethane	0.36	J	0.18	0.50	1.00	ug/L
Q3141-03	BP-VPB-184-GW-6	Water	Chlorobenzene	0.28	J	0.12	0.50	1.00	ug/L
			Total Voc :	17.2					
			Total Concentration:	17.2					
Client ID: BP-VPB-184-GW-100-102									
Q3141-04	BP-VPB-184-GW-1	Water	Acetone	10.9		1.50	3.80	5.00	ug/L
Q3141-04	BP-VPB-184-GW-1	Water	Chloroform	0.67	J	0.25	0.50	1.00	ug/L
Q3141-04	BP-VPB-184-GW-1	Water	Trichloroethene	0.94	J	0.090	0.75	1.00	ug/L
Q3141-04	BP-VPB-184-GW-1	Water	Bromodichloromethane	0.35	J	0.22	0.50	1.00	ug/L
Q3141-04	BP-VPB-184-GW-1	Water	Toluene	0.34	J	0.14	0.50	1.00	ug/L
Q3141-04	BP-VPB-184-GW-1	Water	Dibromochloromethane	0.45	J	0.18	0.50	1.00	ug/L
Q3141-04	BP-VPB-184-GW-1	Water	Tetrachloroethene	0.26	J	0.23	0.50	1.00	ug/L
			Total Voc :	13.9					
			Total Concentration:	13.9					
Client ID: BP-VPB-184-GW-150-152									
Q3141-05	BP-VPB-184-GW-1	Water	Acetone	6.40		1.50	3.80	5.00	ug/L
Q3141-05	BP-VPB-184-GW-1	Water	Carbon Disulfide	0.37	J	0.21	0.75	1.00	ug/L
Q3141-05	BP-VPB-184-GW-1	Water	Benzene	0.60	J	0.15	0.50	1.00	ug/L
			Total Voc :	7.37					
			Total Concentration:	7.37					
Client ID: BP-VPB-184-GW-200-202									
Q3141-06	BP-VPB-184-GW-2	Water	Acetone	10.1		1.50	3.80	5.00	ug/L
			Total Voc :	10.1					
			Total Concentration:	10.1					
Client ID: BP-VPB-184-GW-220-222									
Q3141-07	BP-VPB-184-GW-2	Water	Chloromethane	0.36	J	0.32	0.50	1.00	ug/L
Q3141-07	BP-VPB-184-GW-2	Water	Acetone	7.80		1.50	3.80	5.00	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q3141

Client: Tetra Tech NUS, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Total Voc :				8.16					
Total Concentration:				8.16					

A

B

C

D

E

F

G



SAMPLE DATA

Report of Analysis

Client:	Tetra Tech NUS, Inc.			Date Collected:	09/17/25	
Project:	NWIRP Bethpage 112G08005-WE13			Date Received:	09/18/25	
Client Sample ID:	BP-VPB-184-TB-20250917			SDG No.:	Q3141	
Lab Sample ID:	Q3141-01			Matrix:	Water	
Analytical Method:	8260D			% Solid:	0	
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:			uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID :	0.18	Level :	LOW	
Prep Method :						

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047725.D	1	09/23/25 12:22	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	3.80	U	1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	09/17/25	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	09/18/25	
Client Sample ID:	BP-VPB-184-TB-20250917		SDG No.:	Q3141	
Lab Sample ID:	Q3141-01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047725.D	1	09/23/25 12:22	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	47.5		81 - 118		95%	SPK: 50
1868-53-7	Dibromofluoromethane	46.4		80 - 119		93%	SPK: 50
2037-26-5	Toluene-d8	47.5		89 - 112		95%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.1		85 - 114		104%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	131000	5.538				
540-36-3	1,4-Difluorobenzene	273000	6.745				
3114-55-4	Chlorobenzene-d5	269000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	128000	12.006				
TENTATIVE IDENTIFIED COMPOUNDS							

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	09/17/25	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	09/18/25	
Client Sample ID:	BP-VPB-184-TB-20250917		SDG No.:	Q3141	
Lab Sample ID:	Q3141-01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047725.D	1	09/23/25 12:22	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
75-43-4	Dichlorofluoromethane	N.D					

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	09/18/25	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	09/18/25	
Client Sample ID:	BP-VPB-184-EB-20250918		SDG No.:	Q3141	
Lab Sample ID:	Q3141-02		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047761.D	1	09/24/25 08:43	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	64.5		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	7.80		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

Report of Analysis

Client:	Tetra Tech NUS, Inc.			Date Collected:	09/18/25	
Project:	NWIRP Bethpage 112G08005-WE13			Date Received:	09/18/25	
Client Sample ID:	BP-VPB-184-EB-20250918			SDG No.:	Q3141	
Lab Sample ID:	Q3141-02			Matrix:	Water	
Analytical Method:	8260D			% Solid:	0	
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:			uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID :	0.18	Level :	LOW	
Prep Method :						

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047761.D	1	09/24/25 08:43	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	52.9		81 - 118		106%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		80 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	49.5		89 - 112		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.8		85 - 114		102%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	157000	5.538				
540-36-3	1,4-Difluorobenzene	294000	6.751				
3114-55-4	Chlorobenzene-d5	269000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	127000	12.006				
TENTATIVE IDENTIFIED COMPOUNDS							

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	09/18/25	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	09/18/25	
Client Sample ID:	BP-VPB-184-EB-20250918		SDG No.:	Q3141	
Lab Sample ID:	Q3141-02		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047761.D	1	09/24/25 08:43	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
75-43-4	Dichlorofluoromethane	N.D					

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	09/17/25	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	09/18/25	
Client Sample ID:	BP-VPB-184-GW-60-62		SDG No.:	Q3141	
Lab Sample ID:	Q3141-03		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047730.D	1	09/23/25 14:07	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.35	J	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	10.6		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.90	J	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	1.60		0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.76	J	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.39	J	0.14	0.50	1.00	ug/L

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	09/17/25	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	09/18/25	
Client Sample ID:	BP-VPB-184-GW-60-62		SDG No.:	Q3141	
Lab Sample ID:	Q3141-03		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047730.D	1	09/23/25 14:07	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.36	J	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.28	J	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	52.5		81 - 118		105%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6		80 - 119		97%	SPK: 50
2037-26-5	Toluene-d8	48.3		89 - 112		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.6		85 - 114		111%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	142000	5.544				
540-36-3	1,4-Difluorobenzene	299000	6.751				
3114-55-4	Chlorobenzene-d5	301000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	156000	12.006				
TENTATIVE IDENTIFIED COMPOUNDS							

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	09/17/25	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	09/18/25	
Client Sample ID:	BP-VPB-184-GW-60-62		SDG No.:	Q3141	
Lab Sample ID:	Q3141-03		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047730.D	1	09/23/25 14:07	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
75-43-4	Dichlorofluoromethane	N.D					

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	09/17/25	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	09/18/25	
Client Sample ID:	BP-VPB-184-GW-100-102		SDG No.:	Q3141	
Lab Sample ID:	Q3141-04		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047760.D	1	09/24/25 08:22	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	10.9		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.67	J	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.94	J	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.35	J	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.34	J	0.14	0.50	1.00	ug/L

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	09/17/25	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	09/18/25	
Client Sample ID:	BP-VPB-184-GW-100-102		SDG No.:	Q3141	
Lab Sample ID:	Q3141-04		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047760.D	1	09/24/25 08:22	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.45	J	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.26	J	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	56.9		81 - 118		114%	SPK: 50
1868-53-7	Dibromofluoromethane	56.6		80 - 119		113%	SPK: 50
2037-26-5	Toluene-d8	55.0		89 - 112		110%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.2		85 - 114		112%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	165000	5.537				
540-36-3	1,4-Difluorobenzene	300000	6.745				
3114-55-4	Chlorobenzene-d5	277000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	136000	12.006				
TENTATIVE IDENTIFIED COMPOUNDS							

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	09/17/25
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	09/18/25
Client Sample ID:	BP-VPB-184-GW-100-102		SDG No.:	Q3141
Lab Sample ID:	Q3141-04		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047760.D	1	09/24/25 08:22	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
75-43-4	Dichlorofluoromethane	N.D					

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	09/18/25	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	09/18/25	
Client Sample ID:	BP-VPB-184-GW-150-152		SDG No.:	Q3141	
Lab Sample ID:	Q3141-05		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047732.D	1	09/23/25 14:49	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	6.40		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.37	J	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.60	J	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	09/18/25	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	09/18/25	
Client Sample ID:	BP-VPB-184-GW-150-152		SDG No.:	Q3141	
Lab Sample ID:	Q3141-05		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047732.D	1	09/23/25 14:49	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50.8		81 - 118		102%	SPK: 50
1868-53-7	Dibromofluoromethane	48.4		80 - 119		97%	SPK: 50
2037-26-5	Toluene-d8	48.7		89 - 112		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.6		85 - 114		109%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	145000	5.544				
540-36-3	1,4-Difluorobenzene	301000	6.751				
3114-55-4	Chlorobenzene-d5	306000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	153000	12.006				
TENTATIVE IDENTIFIED COMPOUNDS							

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	09/18/25	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	09/18/25	
Client Sample ID:	BP-VPB-184-GW-150-152		SDG No.:	Q3141	
Lab Sample ID:	Q3141-05		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047732.D	1	09/23/25 14:49	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
75-43-4	Dichlorofluoromethane	N.D					

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.			Date Collected:	09/18/25	
Project:	NWIRP Bethpage 112G08005-WE13			Date Received:	09/18/25	
Client Sample ID:	BP-VPB-184-GW-200-202			SDG No.:	Q3141	
Lab Sample ID:	Q3141-06			Matrix:	Water	
Analytical Method:	8260D			% Solid:	0	
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:			uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID :	0.18	Level :	LOW	
Prep Method :						

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047733.D	1	09/23/25 15:10	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	10.1		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	09/18/25	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	09/18/25	
Client Sample ID:	BP-VPB-184-GW-200-202		SDG No.:	Q3141	
Lab Sample ID:	Q3141-06		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047733.D	1	09/23/25 15:10	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	52.0		81 - 118		104%	SPK: 50
1868-53-7	Dibromofluoromethane	48.4		80 - 119		97%	SPK: 50
2037-26-5	Toluene-d8	49.3		89 - 112		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.5		85 - 114		109%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	142000	5.544				
540-36-3	1,4-Difluorobenzene	301000	6.745				
3114-55-4	Chlorobenzene-d5	298000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	146000	12.006				
TENTATIVE IDENTIFIED COMPOUNDS							

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	09/18/25	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	09/18/25	
Client Sample ID:	BP-VPB-184-GW-200-202		SDG No.:	Q3141	
Lab Sample ID:	Q3141-06		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047733.D	1	09/23/25 15:10	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
75-43-4	Dichlorofluoromethane	N.D					

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.			Date Collected:	09/18/25	
Project:	NWIRP Bethpage 112G08005-WE13			Date Received:	09/18/25	
Client Sample ID:	BP-VPB-184-GW-220-222			SDG No.:	Q3141	
Lab Sample ID:	Q3141-07			Matrix:	Water	
Analytical Method:	8260D			% Solid:	0	
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:			uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID :	0.18	Level :	LOW	
Prep Method :						

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047734.D	1	09/23/25 15:31	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.36	J	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	7.80		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	09/18/25	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	09/18/25	
Client Sample ID:	BP-VPB-184-GW-220-222		SDG No.:	Q3141	
Lab Sample ID:	Q3141-07		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047734.D	1	09/23/25 15:31	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50.7		81 - 118		101%	SPK: 50
1868-53-7	Dibromofluoromethane	47.8		80 - 119		96%	SPK: 50
2037-26-5	Toluene-d8	47.7		89 - 112		95%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.0		85 - 114		108%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	147000	5.538				
540-36-3	1,4-Difluorobenzene	306000	6.745				
3114-55-4	Chlorobenzene-d5	308000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	158000	12.006				
TENTATIVE IDENTIFIED COMPOUNDS							

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	09/18/25
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	09/18/25
Client Sample ID:	BP-VPB-184-GW-220-222		SDG No.:	Q3141
Lab Sample ID:	Q3141-07		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047734.D	1	09/23/25 15:31	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
75-43-4	Dichlorofluoromethane	N.D					

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

Surrogate Summary

SDG No.: Q3141

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3141-01	BP-VPB-184-TB-20250917	1,2-Dichloroethane-d4	50	47.5	95		81	118
		Dibromofluoromethane	50	46.4	93		80	119
		Toluene-d8	50	47.5	95		89	112
		4-Bromofluorobenzene	50	52.1	104		85	114
Q3141-02	BP-VPB-184-EB-20250918	1,2-Dichloroethane-d4	50	53.0	106		81	118
		Dibromofluoromethane	50	51.1	102		80	119
		Toluene-d8	50	49.5	99		89	112
		4-Bromofluorobenzene	50	50.8	102		85	114
Q3141-03	BP-VPB-184-GW-60-62	1,2-Dichloroethane-d4	50	52.5	105		81	118
		Dibromofluoromethane	50	48.6	97		80	119
		Toluene-d8	50	48.3	97		89	112
		4-Bromofluorobenzene	50	55.6	111		85	114
Q3141-04	BP-VPB-184-GW-100-102	1,2-Dichloroethane-d4	50	56.9	114		81	118
		Dibromofluoromethane	50	56.6	113		80	119
		Toluene-d8	50	55.0	110		89	112
		4-Bromofluorobenzene	50	56.3	112		85	114
Q3141-05	BP-VPB-184-GW-150-152	1,2-Dichloroethane-d4	50	50.8	102		81	118
		Dibromofluoromethane	50	48.4	97		80	119
		Toluene-d8	50	48.7	97		89	112
		4-Bromofluorobenzene	50	54.6	109		85	114
Q3141-06	BP-VPB-184-GW-200-202	1,2-Dichloroethane-d4	50	52.0	104		81	118
		Dibromofluoromethane	50	48.4	97		80	119
		Toluene-d8	50	49.3	99		89	112
		4-Bromofluorobenzene	50	54.5	109		85	114
Q3141-07	BP-VPB-184-GW-220-222	1,2-Dichloroethane-d4	50	50.7	101		81	118
		Dibromofluoromethane	50	47.8	96		80	119
		Toluene-d8	50	47.7	95		89	112
		4-Bromofluorobenzene	50	54.0	108		85	114
VX0923WBL01	VX0923WBL01	1,2-Dichloroethane-d4	50	50.6	101		81	118
		Dibromofluoromethane	50	47.7	95		80	119
		Toluene-d8	50	48.0	96		89	112
		4-Bromofluorobenzene	50	56.5	113		85	114
VX0923WBL02	VX0923WBL02	1,2-Dichloroethane-d4	50	51.7	103		81	118
		Dibromofluoromethane	50	50.8	102		80	119
		Toluene-d8	50	50.2	100		89	112
		4-Bromofluorobenzene	50	51.8	103		85	114
VX0923WBS02	VX0923WBS02	1,2-Dichloroethane-d4	50	45.0	90		81	118
		Dibromofluoromethane	50	46.1	92		80	119
		Toluene-d8	50	46.4	93		89	112
		4-Bromofluorobenzene	50	46.8	94		85	114
VX0923WBS03	VX0923WBS03	1,2-Dichloroethane-d4	50	49.0	98		81	118
		Dibromofluoromethane	50	50.7	101		80	119
		Toluene-d8	50	50.6	101		89	112
		4-Bromofluorobenzene	50	51.1	102		85	114
VX0923WBSD0	VX0923WBSD03	1,2-Dichloroethane-d4	50	50.4	101		81	118
		Dibromofluoromethane	50	51.3	103		80	119
		Toluene-d8	50	52.1	104		89	112
		4-Bromofluorobenzene	50	52.1	104		85	114

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	Q3141	Analytical Method:	SW8260-Low
Client:	Tetra Tech NUS, Inc.	Datafile :	VX047723.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0923WBS02	Dichlorodifluoromethane	20	19.2	ug/L	96			32	152	
	Chloromethane	20	17.6	ug/L	88			50	139	
	Vinyl chloride	20	17.4	ug/L	87			58	137	
	Bromomethane	20	18.5	ug/L	93			53	141	
	Chloroethane	20	16.5	ug/L	83			60	138	
	Trichlorofluoromethane	20	16.6	ug/L	83			65	141	
	1,1,2-Trichlorotrifluoroethane	20	17.1	ug/L	86			70	136	
	1,1-Dichloroethene	20	16.7	ug/L	84			71	131	
	Acetone	100	71.7	ug/L	72			39	160	
	Carbon disulfide	20	17.2	ug/L	86			64	133	
	Methyl tert-butyl Ether	20	16.3	ug/L	81			71	124	
	Methyl Acetate	20	16.6	ug/L	83			56	136	
	Methylene Chloride	20	16.4	ug/L	82			74	124	
	trans-1,2-Dichloroethene	20	17.0	ug/L	85			75	124	
	1,1-Dichloroethane	20	16.5	ug/L	83			77	125	
	Cyclohexane	20	16.7	ug/L	84			71	130	
	2-Butanone	100	78.7	ug/L	79			56	143	
	Carbon Tetrachloride	20	15.9	ug/L	79			72	136	
	cis-1,2-Dichloroethene	20	16.2	ug/L	81			78	123	
	Bromochloromethane	20	16.8	ug/L	84			78	123	
	Chloroform	20	16.6	ug/L	83			79	124	
	1,1,1-Trichloroethane	20	16.4	ug/L	82			74	131	
	Methylcyclohexane	20	17.3	ug/L	86			72	132	
	Benzene	20	16.7	ug/L	84			79	120	
	1,2-Dichloroethane	20	16.5	ug/L	83			73	128	
	Trichloroethene	20	17.5	ug/L	88			79	123	
	1,2-Dichloropropane	20	16.8	ug/L	84			78	122	
	Bromodichloromethane	20	16.6	ug/L	83			79	125	
	4-Methyl-2-Pentanone	100	86.0	ug/L	86			67	130	
	Toluene	20	16.9	ug/L	85			80	121	
	t-1,3-Dichloropropene	20	16.3	ug/L	81			73	127	
	cis-1,3-Dichloropropene	20	16.8	ug/L	84			75	124	
	1,1,2-Trichloroethane	20	17.2	ug/L	86			80	119	
	2-Hexanone	100	83.0	ug/L	83			57	139	
	Dibromochloromethane	20	17.2	ug/L	86			74	126	
	1,2-Dibromoethane	20	17.4	ug/L	87			77	121	
	Tetrachloroethene	20	17.1	ug/L	86			74	129	
	Chlorobenzene	20	16.7	ug/L	84			82	118	
	Ethyl Benzene	20	16.7	ug/L	84			79	121	
	m/p-Xylenes	40	33.9	ug/L	85			80	121	
	o-Xylene	20	16.9	ug/L	85			78	122	
	Styrene	20	16.6	ug/L	83			78	123	
	Bromoform	20	16.6	ug/L	83			66	130	
	Isopropylbenzene	20	16.4	ug/L	82			72	131	
	1,1,2,2-Tetrachloroethane	20	16.6	ug/L	83			71	121	
	1,3-Dichlorobenzene	20	16.9	ug/L	85			80	119	
	1,4-Dichlorobenzene	20	16.6	ug/L	83			79	118	
	1,2-Dichlorobenzene	20	16.7	ug/L	84			80	119	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3141</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Tetra Tech NUS, Inc.</u>	Datafile :	<u>VX047723.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0923WBS02	1,2-Dibromo-3-Chloropropane	20	15.2	ug/L	76			62	128	
	1,2,4-Trichlorobenzene	20	16.2	ug/L	81			69	130	
	1,2,3-Trichlorobenzene	20	16.4	ug/L	82			69	129	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	Q3141	Analytical Method:	SW8260-Low
Client:	Tetra Tech NUS, Inc.	Datafile :	VX047748.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0923WBS03	Dichlorodifluoromethane	20	23.6	ug/L	118			32	152	
	Chloromethane	20	21.7	ug/L	109			50	139	
	Vinyl chloride	20	22.4	ug/L	112			58	137	
	Bromomethane	20	23.5	ug/L	117			53	141	
	Chloroethane	20	21.0	ug/L	105			60	138	
	Trichlorofluoromethane	20	20.9	ug/L	104			65	141	
	1,1,2-Trichlorotrifluoroethane	20	21.0	ug/L	105			70	136	
	1,1-Dichloroethene	20	21.2	ug/L	106			71	131	
	Acetone	100	87.7	ug/L	88			39	160	
	Carbon disulfide	20	20.9	ug/L	104			64	133	
	Methyl tert-butyl Ether	20	20.6	ug/L	103			71	124	
	Methyl Acetate	20	22.4	ug/L	112			56	136	
	Methylene Chloride	20	20.7	ug/L	104			74	124	
	trans-1,2-Dichloroethene	20	21.4	ug/L	107			75	124	
	1,1-Dichloroethane	20	21.0	ug/L	105			77	125	
	Cyclohexane	20	20.9	ug/L	104			71	130	
	2-Butanone	100	110	ug/L	110			56	143	
	Carbon Tetrachloride	20	19.7	ug/L	99			72	136	
	cis-1,2-Dichloroethene	20	20.9	ug/L	104			78	123	
	Bromochloromethane	20	19.1	ug/L	96			78	123	
	Chloroform	20	21.3	ug/L	106			79	124	
	1,1,1-Trichloroethane	20	21.2	ug/L	106			74	131	
	Methylcyclohexane	20	20.1	ug/L	101			72	132	
	Benzene	20	20.9	ug/L	104			79	120	
	1,2-Dichloroethane	20	20.4	ug/L	102			73	128	
	Trichloroethene	20	21.3	ug/L	106			79	123	
	1,2-Dichloropropane	20	21.0	ug/L	105			78	122	
	Bromodichloromethane	20	20.7	ug/L	104			79	125	
	4-Methyl-2-Pentanone	100	110	ug/L	110			67	130	
	Toluene	20	21.1	ug/L	106			80	121	
	t-1,3-Dichloropropene	20	18.8	ug/L	94			73	127	
	cis-1,3-Dichloropropene	20	19.1	ug/L	96			75	124	
	1,1,2-Trichloroethane	20	21.7	ug/L	109			80	119	
	2-Hexanone	100	110	ug/L	110			57	139	
	Dibromochloromethane	20	21.2	ug/L	106			74	126	
	1,2-Dibromoethane	20	22.0	ug/L	110			77	121	
	Tetrachloroethene	20	21.4	ug/L	107			74	129	
	Chlorobenzene	20	20.7	ug/L	104			82	118	
	Ethyl Benzene	20	20.8	ug/L	104			79	121	
	m/p-Xylenes	40	42.3	ug/L	106			80	121	
	o-Xylene	20	20.9	ug/L	104			78	122	
	Styrene	20	20.7	ug/L	104			78	123	
	Bromoform	20	20.9	ug/L	104			66	130	
	Isopropylbenzene	20	20.5	ug/L	103			72	131	
	1,1,2,2-Tetrachloroethane	20	21.6	ug/L	108			71	121	
	1,3-Dichlorobenzene	20	20.6	ug/L	103			80	119	
	1,4-Dichlorobenzene	20	20.5	ug/L	103			79	118	
	1,2-Dichlorobenzene	20	20.7	ug/L	104			80	119	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3141</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Tetra Tech NUS, Inc.</u>	Datafile :	<u>VX047748.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VX0923WBS03	1,2-Dibromo-3-Chloropropane	20	20.4	ug/L	102			62	128	
	1,2,4-Trichlorobenzene	20	19.8	ug/L	99			69	130	
	1,2,3-Trichlorobenzene	20	20.7	ug/L	104			69	129	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	Q3141	Analytical Method:	SW8260-Low
Client:	Tetra Tech NUS, Inc.	Datafile :	VX047749.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0923WBSD03	Dichlorodifluoromethane	20	19.6	ug/L	98	19		32	152	20
	Chloromethane	20	18.5	ug/L	93	16		50	139	20
	Vinyl chloride	20	18.4	ug/L	92	20		58	137	20
	Bromomethane	20	19.7	ug/L	99	17		53	141	20
	Chloroethane	20	17.6	ug/L	88	18		60	138	20
	Trichlorofluoromethane	20	17.6	ug/L	88	17		65	141	20
	1,1,2-Trichlorotrifluoroethane	20	17.3	ug/L	86	20		70	136	20
	1,1-Dichloroethene	20	18.0	ug/L	90	16		71	131	20
	Acetone	100	75.9	ug/L	76	15		39	160	20
	Carbon disulfide	20	18.0	ug/L	90	14		64	133	20
	Methyl tert-butyl Ether	20	17.5	ug/L	88	16		71	124	20
	Methyl Acetate	20	19.8	ug/L	99	12		56	136	20
	Methylene Chloride	20	17.7	ug/L	89	16		74	124	20
	trans-1,2-Dichloroethene	20	17.8	ug/L	89	18		75	124	20
	1,1-Dichloroethane	20	17.6	ug/L	88	18		77	125	20
	Cyclohexane	20	17.4	ug/L	87	18		71	130	20
	2-Butanone	100	90.8	ug/L	91	19		56	143	20
	Carbon Tetrachloride	20	16.5	ug/L	83	18		72	136	20
	cis-1,2-Dichloroethene	20	17.9	ug/L	90	14		78	123	20
	Bromochloromethane	20	21.7	ug/L	109	13		78	123	20
	Chloroform	20	17.9	ug/L	90	16		79	124	20
	1,1,1-Trichloroethane	20	18.0	ug/L	90	16		74	131	20
	Methylcyclohexane	20	16.6	ug/L	83	20		72	132	20
	Benzene	20	17.7	ug/L	89	16		79	120	20
	1,2-Dichloroethane	20	16.8	ug/L	84	19		73	128	20
	Trichloroethene	20	17.9	ug/L	90	16		79	123	20
	1,2-Dichloropropane	20	17.9	ug/L	90	15		78	122	20
	Bromodichloromethane	20	17.5	ug/L	88	17		79	125	20
	4-Methyl-2-Pentanone	100	96.4	ug/L	96	14		67	130	20
	Toluene	20	17.7	ug/L	89	17		80	121	20
	t-1,3-Dichloropropene	20	16.0	ug/L	80	16		73	127	20
	cis-1,3-Dichloropropene	20	16.0	ug/L	80	18		75	124	20
	1,1,2-Trichloroethane	20	18.2	ug/L	91	18		80	119	20
	2-Hexanone	100	94.0	ug/L	94	16		57	139	20
	Dibromochloromethane	20	18.1	ug/L	91	15		74	126	20
	1,2-Dibromoethane	20	19.1	ug/L	96	14		77	121	20
	Tetrachloroethene	20	18.5	ug/L	93	14		74	129	20
	Chlorobenzene	20	17.7	ug/L	89	16		82	118	20
	Ethyl Benzene	20	17.2	ug/L	86	19		79	121	20
	m/p-Xylenes	40	35.3	ug/L	88	19		80	121	20
	o-Xylene	20	17.5	ug/L	88	17		78	122	20
	Styrene	20	17.5	ug/L	88	17		78	123	20
	Bromoform	20	17.5	ug/L	88	17		66	130	20
	Isopropylbenzene	20	16.9	ug/L	85	19		72	131	20
	1,1,2,2-Tetrachloroethane	20	18.5	ug/L	93	15		71	121	20
	1,3-Dichlorobenzene	20	17.4	ug/L	87	17		80	119	20
	1,4-Dichlorobenzene	20	17.1	ug/L	86	18		79	118	20
	1,2-Dichlorobenzene	20	17.5	ug/L	88	17		80	119	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3141</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Tetra Tech NUS, Inc.</u>	Datafile :	<u>VX047749.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0923WBSD03	1,2-Dibromo-3-Chloropropane	20	17.6	ug/L	88	15		62	128	20
	1,2,4-Trichlorobenzene	20	16.4	ug/L	82	19		69	130	20
	1,2,3-Trichlorobenzene	20	17.1	ug/L	86	19		69	129	20

VOLATILE METHOD BLANK SUMMARY

Client ID

VX0923WBL01

Lab Name: Alliance

Contract: TETR06

Lab Code: ACE

SDG NO.: Q3141

Lab File ID: VX047721.D

Lab Sample ID: VX0923WBL01

Date Analyzed: 09/23/2025

Time Analyzed: 10:22

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
VX0923WBS02	VX0923WBS02	VX047723.D	09/23/2025
BP-VPB-184-TB-20250917	Q3141-01	VX047725.D	09/23/2025
BP-VPB-184-GW-60-62	Q3141-03	VX047730.D	09/23/2025
BP-VPB-184-GW-150-152	Q3141-05	VX047732.D	09/23/2025
BP-VPB-184-GW-200-202	Q3141-06	VX047733.D	09/23/2025
BP-VPB-184-GW-220-222	Q3141-07	VX047734.D	09/23/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

Client ID

VX0923WBL02

Lab Name: Alliance

Contract: TETR06

Lab Code: ACE

SDG NO.: Q3141

Lab File ID: VX047747.D

Lab Sample ID: VX0923WBL02

Date Analyzed: 09/24/2025

Time Analyzed: 03:11

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
VX0923WBS03	VX0923WBS03	VX047748.D	09/24/2025
VX0923WBSD03	VX0923WBSD03	VX047749.D	09/24/2025
BP-VPB-184-GW-100-102	Q3141-04	VX047760.D	09/24/2025
BP-VPB-184-EB-20250918	Q3141-02	VX047761.D	09/24/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: VX047584.D
Instrument ID: MSVOA_X
GC Column: DB-624UI ID: 0.18 (mm)

Contract: TETR06
SDG NO.: Q3141
BFB Injection Date: 09/16/2025
BFB Injection Time: 08:56
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20
75	30.0 - 60.0% of mass 95	54
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	67.3
175	5.0 - 9.0% of mass 174	5.4 (8.1) 1
176	95.0 - 101.0% of mass 174	66.3 (98.6) 1
177	5.0 - 9.0% of mass 176	4.3 (6.4) 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
VSTDIC001	VSTDIC001	VX047585.D	09/16/2025	09:23
VSTDIC005	VSTDIC005	VX047586.D	09/16/2025	10:16
VSTDIC020	VSTDIC020	VX047587.D	09/16/2025	10:37
VSTDIC050	VSTDIC050	VX047588.D	09/16/2025	10:58
VSTDIC100	VSTDIC100	VX047589.D	09/16/2025	11:40
VSTDIC150	VSTDIC150	VX047590.D	09/16/2025	12:01

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: TETR06

Lab Code: ACE

SDG NO.: Q3141

Lab File ID: VX047718.D

BFB Injection Date: 09/23/2025

Instrument ID: MSVOA_X

BFB Injection Time: 08:05

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	19.6
75	30.0 - 60.0% of mass 95	51.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.8 (1.2) 1
174	50.0 - 100.0% of mass 95	68.2
175	5.0 - 9.0% of mass 174	5.3 (7.8) 1
176	95.0 - 101.0% of mass 174	66.3 (97.2) 1
177	5.0 - 9.0% of mass 176	4.4 (6.7) 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	VX047719.D	09/23/2025	09:02
VX0923WBL01	VX0923WBL01	VX047721.D	09/23/2025	10:22
VX0923WBS02	VX0923WBS02	VX047723.D	09/23/2025	11:15
BP-VPB-184-TB-20250917	Q3141-01	VX047725.D	09/23/2025	12:22
BP-VPB-184-GW-60-62	Q3141-03	VX047730.D	09/23/2025	14:07
BP-VPB-184-GW-150-152	Q3141-05	VX047732.D	09/23/2025	14:49
BP-VPB-184-GW-200-202	Q3141-06	VX047733.D	09/23/2025	15:10
BP-VPB-184-GW-220-222	Q3141-07	VX047734.D	09/23/2025	15:31
VSTDCCC050EC	VSTDCCC050	VX047744.D	09/23/2025	19:00

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: TETR06

Lab Code: ACE

SDG NO.: Q3141

Lab File ID: VX047745.D

BFB Injection Date: 09/24/2025

Instrument ID: MSVOA_X

BFB Injection Time: 01:30

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	19.9
75	30.0 - 60.0% of mass 95	51.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.8 (1.2) 1
174	50.0 - 100.0% of mass 95	68
175	5.0 - 9.0% of mass 174	5 (7.4) 1
176	95.0 - 101.0% of mass 174	65.9 (97) 1
177	5.0 - 9.0% of mass 176	4.3 (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	VX047746.D	09/24/2025	02:08
VX0923WBL02	VX0923WBL02	VX047747.D	09/24/2025	03:11
VX0923WBS03	VX0923WBS03	VX047748.D	09/24/2025	03:53
VX0923WBSD03	VX0923WBSD03	VX047749.D	09/24/2025	04:14
BP-VPB-184-GW-100-102	Q3141-04	VX047760.D	09/24/2025	08:22
BP-VPB-184-EB-20250918	Q3141-02	VX047761.D	09/24/2025	08:43
VSTDCCC050EC	VSTDCCC050	VX047767.D	09/24/2025	10:50

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: TETR06
Lab Code: ACE SDG NO.: Q3141
Lab File ID: VX047719.D Date Analyzed: 09/23/2025
Instrument ID: MSVOA_X Time Analyzed: 09:02
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	145672	5.53	265022	6.74	235703	10.04
UPPER LIMIT	291344	6.031	530044	7.239	471406	10.537
LOWER LIMIT	72836	5.031	132511	6.239	117852	9.537
EPA SAMPLE NO.						
BP-VPB-184-TB-20250917	131211	5.54	272690	6.75	268706	10.04
BP-VPB-184-GW-60-62	141797	5.54	298818	6.75	301046	10.04
BP-VPB-184-GW-150-152	145260	5.54	301134	6.75	306124	10.04
BP-VPB-184-GW-200-202	141844	5.54	300954	6.75	298268	10.04
BP-VPB-184-GW-220-222	147065	5.54	305643	6.75	308233	10.04
VX0923WBL01	119065	5.53	248954	6.74	254277	10.04
VX0923WBS02	181787	5.53	322664	6.75	289792	10.04

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.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: TETR06
Lab Code: ACE SDG NO.: Q3141
Lab File ID: VX047719.D Date Analyzed: 09/23/2025
Instrument ID: MSVOA_X Time Analyzed: 09:02
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	115061	12.00€				
UPPER LIMIT	230122	12.50€				
LOWER LIMIT	57530.5	11.50€				
EPA SAMPLE NO.						
BP-VPB-184-TB-20250917	128339	12.01				
BP-VPB-184-GW-60-62	155521	12.01				
BP-VPB-184-GW-150-152	153459	12.01				
BP-VPB-184-GW-200-202	146402	12.01				
BP-VPB-184-GW-220-222	157643	12.01				
VX0923WBL01	132951	12.01				
VX0923WBS02	141661	12.01				

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.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: TETR06
Lab Code: ACE SDG NO.: Q3141
Lab File ID: VX047746.D Date Analyzed: 09/24/2025
Instrument ID: MSVOA_X Time Analyzed: 02:08
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	166745	5.53	290663	6.74	252770	10.04
UPPER LIMIT	333490	6.032	581326	7.239	505540	10.537
LOWER LIMIT	83372.5	5.032	145332	6.239	126385	9.537
EPA SAMPLE NO.						
BP-VPB-184-EB-20250918	157285	5.54	293648	6.75	269079	10.04
BP-VPB-184-GW-100-102	165497	5.54	300349	6.75	276860	10.04
VX0923WBL02	197095	5.54	377977	6.75	356070	10.04
VX0923WBS03	156932	5.54	284011	6.75	253957	10.04
VX0923WBSD03	154222	5.54	281988	6.75	254297	10.04

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.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: TETR06
 Lab Code: ACE SDG NO.: Q3141
 Lab File ID: VX047746.D Date Analyzed: 09/24/2025
 Instrument ID: MSVOA_X Time Analyzed: 02:08
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	121948	12.00€				
UPPER LIMIT	243896	12.50€				
LOWER LIMIT	60974	11.50€				
EPA SAMPLE NO.						
BP-VPB-184-EB-20250918	126784	12.01				
BP-VPB-184-GW-100-102	136496	12.01				
VX0923WBL02	171478	12.01				
VX0923WBS03	123765	12.01				
VX0923WBSD03	124629	12.01				

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	
Client Sample ID:	VX0923WBL01		SDG No.:	Q3141
Lab Sample ID:	VX0923WBL01		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047721.D	1	09/23/25 10:22	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	3.80	U	1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	
Client Sample ID:	VX0923WBL01		SDG No.:	Q3141
Lab Sample ID:	VX0923WBL01		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047721.D	1	09/23/25 10:22	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50.6		81 - 118		101%	SPK: 50
1868-53-7	Dibromofluoromethane	47.7		80 - 119		95%	SPK: 50
2037-26-5	Toluene-d8	48.0		89 - 112		96%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.5		85 - 114		113%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	119000	5.531				
540-36-3	1,4-Difluorobenzene	249000	6.739				
3114-55-4	Chlorobenzene-d5	254000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	133000	12.006				

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	
Client Sample ID:	VX0923WBL01		SDG No.:	Q3141
Lab Sample ID:	VX0923WBL01		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047721.D	1	09/23/25 10:22	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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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

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	
Client Sample ID:	VX0923WBL02		SDG No.:	Q3141
Lab Sample ID:	VX0923WBL02		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047747.D	1	09/24/25 03:11	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	3.80	U	1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	
Client Sample ID:	VX0923WBL02		SDG No.:	Q3141
Lab Sample ID:	VX0923WBL02		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047747.D	1	09/24/25 03:11	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	51.7		81 - 118		103%	SPK: 50
1868-53-7	Dibromofluoromethane	50.8		80 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	50.2		89 - 112		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.7		85 - 114		103%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	197000	5.544				
540-36-3	1,4-Difluorobenzene	378000	6.751				
3114-55-4	Chlorobenzene-d5	356000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	171000	12.006				

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	
Client Sample ID:	VX0923WBL02		SDG No.:	Q3141
Lab Sample ID:	VX0923WBL02		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047747.D	1	09/24/25 03:11	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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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

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	
Client Sample ID:	VX0923WBS02		SDG No.:	Q3141
Lab Sample ID:	VX0923WBS02		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047723.D	1	09/23/25 11:15	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	19.2		0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	17.6		0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	17.4		0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	18.5		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	16.5		0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	16.6		0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	17.1		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	16.7		0.23	0.75	1.00	ug/L
67-64-1	Acetone	71.7		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	17.2		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	16.3		0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	16.6		0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	16.4		0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.0		0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	16.5		0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	16.7		1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	78.7		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	15.9		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	16.2		0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	16.8		0.22	0.50	1.00	ug/L
67-66-3	Chloroform	16.6		0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	16.4		0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	17.3		0.16	0.50	1.00	ug/L
71-43-2	Benzene	16.7		0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	16.5		0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	17.5		0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	16.8		0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	16.6		0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	86.0		0.68	2.50	5.00	ug/L
108-88-3	Toluene	16.9		0.14	0.50	1.00	ug/L

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	
Client Sample ID:	VX0923WBS02		SDG No.:	Q3141
Lab Sample ID:	VX0923WBS02		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047723.D	1	09/23/25 11:15	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	16.3		0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	16.8		0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	17.2		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	83.0		0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	17.2		0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	17.4		0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	17.1		0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	16.7		0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	16.7		0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	33.9		0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	16.9		0.12	0.50	1.00	ug/L
100-42-5	Styrene	16.6		0.15	0.50	1.00	ug/L
75-25-2	Bromoform	16.6		0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	16.4		0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	16.6		0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	16.9		0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	16.6		0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	16.7		0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	15.2		0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	16.2		0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	16.4		0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	45.0		81 - 118		90%	SPK: 50
1868-53-7	Dibromofluoromethane	46.1		80 - 119		92%	SPK: 50
2037-26-5	Toluene-d8	46.4		89 - 112		93%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.8		85 - 114		94%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	182000	5.532				
540-36-3	1,4-Difluorobenzene	323000	6.745				
3114-55-4	Chlorobenzene-d5	290000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	142000	12.006				

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	
Client Sample ID:	VX0923WBS02		SDG No.:	Q3141
Lab Sample ID:	VX0923WBS02		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047723.D	1	09/23/25 11:15	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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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

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	
Client Sample ID:	VX0923WBS03		SDG No.:	Q3141
Lab Sample ID:	VX0923WBS03		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047748.D	1	09/24/25 03:53	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	23.6		0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	21.7		0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	22.4		0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	23.5		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	21.0		0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	20.9		0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	21.0		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	21.2		0.23	0.75	1.00	ug/L
67-64-1	Acetone	87.7		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	20.9		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.6		0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	22.4		0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	20.7		0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	21.4		0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	21.0		0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	20.9		1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	110		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.7		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.9		0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	19.1		0.22	0.50	1.00	ug/L
67-66-3	Chloroform	21.3		0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	21.2		0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	20.1		0.16	0.50	1.00	ug/L
71-43-2	Benzene	20.9		0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.4		0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	21.3		0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	21.0		0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	20.7		0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	2.50	5.00	ug/L
108-88-3	Toluene	21.1		0.14	0.50	1.00	ug/L

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	
Client Sample ID:	VX0923WBS03		SDG No.:	Q3141
Lab Sample ID:	VX0923WBS03		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047748.D	1	09/24/25 03:53	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.8		0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.1		0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.7		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	21.2		0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	22.0		0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	21.4		0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	20.7		0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	20.8		0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	42.3		0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	20.9		0.12	0.50	1.00	ug/L
100-42-5	Styrene	20.7		0.15	0.50	1.00	ug/L
75-25-2	Bromoform	20.9		0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	20.5		0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	21.6		0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.6		0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.5		0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.7		0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.4		0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.8		0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.7		0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	49.0		81 - 118		98%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		80 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	50.6		89 - 112		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.1		85 - 114		102%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	157000	5.544				
540-36-3	1,4-Difluorobenzene	284000	6.751				
3114-55-4	Chlorobenzene-d5	254000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	124000	12.006				

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	
Client Sample ID:	VX0923WBS03		SDG No.:	Q3141
Lab Sample ID:	VX0923WBS03		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047748.D	1	09/24/25 03:53	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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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

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	
Client Sample ID:	VX0923WBSD03		SDG No.:	Q3141
Lab Sample ID:	VX0923WBSD03		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047749.D	1	09/24/25 04:14	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	19.6		0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	18.5		0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	18.4		0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	19.7		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	17.6		0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	17.6		0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	17.3		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.0		0.23	0.75	1.00	ug/L
67-64-1	Acetone	75.9		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	18.0		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	17.5		0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	19.8		0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	17.7		0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.8		0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	17.6		0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	17.4		1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	90.8		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	16.5		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	17.9		0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	21.7		0.22	0.50	1.00	ug/L
67-66-3	Chloroform	17.9		0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.0		0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	16.6		0.16	0.50	1.00	ug/L
71-43-2	Benzene	17.7		0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	16.8		0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	17.9		0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	17.9		0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	17.5		0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	96.4		0.68	2.50	5.00	ug/L
108-88-3	Toluene	17.7		0.14	0.50	1.00	ug/L

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	
Client Sample ID:	VX0923WBSD03		SDG No.:	Q3141
Lab Sample ID:	VX0923WBSD03		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047749.D	1	09/24/25 04:14	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	16.0		0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	16.0		0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.2		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	94.0		0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	18.1		0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.1		0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	18.5		0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	17.7		0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	17.2		0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	35.3		0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	17.5		0.12	0.50	1.00	ug/L
100-42-5	Styrene	17.5		0.15	0.50	1.00	ug/L
75-25-2	Bromoform	17.5		0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	16.9		0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.5		0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	17.4		0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.1		0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	17.5		0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	17.6		0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	16.4		0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.1		0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50.4		81 - 118		101%	SPK: 50
1868-53-7	Dibromofluoromethane	51.3		80 - 119		103%	SPK: 50
2037-26-5	Toluene-d8	52.2		89 - 112		104%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.1		85 - 114		104%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	154000	5.537				
540-36-3	1,4-Difluorobenzene	282000	6.751				
3114-55-4	Chlorobenzene-d5	254000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	125000	12.006				

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	
Client Sample ID:	VX0923WBSD03		SDG No.:	Q3141
Lab Sample ID:	VX0923WBSD03		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047749.D	1	09/24/25 04:14	VX092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: TETR06

Lab Code: ACE

SDG No.: Q3141

Instrument ID: MSVOA_X

Calibration Date(s): 09/16/2025 09/16/2025

Heated Purge: (Y/N) N

Calibration Time(s): 09:23 12:01

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

LAB FILE ID:		RRF001 = VX047585.D		RRF005 = VX047586.D		RRF020 = VX047587.D			
		RRF050 = VX047588.D		RRF100 = VX047589.D		RRF150 = VX047590.D			
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD	
Dichlorodifluoromethane	0.447	0.575	0.582	0.501	0.510	0.492	0.518	10	
Chloromethane	0.610	0.749	0.739	0.661	0.677	0.647	0.680	7.9	
Vinyl Chloride	0.572	0.713	0.716	0.661	0.677	0.658	0.666	7.9	
Bromomethane		0.493	0.451	0.424	0.423	0.321	0.422	15	
Chloroethane	0.433	0.450	0.469	0.443	0.450	0.426	0.445	3.4	
Trichlorofluoromethane	0.865	1.033	1.038	0.995	1.018	0.986	0.989	6.5	
1,1,2-Trichlorotrifluoroethane	0.519	0.591	0.603	0.583	0.590	0.583	0.578	5.2	
1,1-Dichloroethene	0.526	0.612	0.618	0.604	0.609	0.596	0.594	5.7	
Acetone	0.343	0.416	0.400	0.317	0.302	0.299	0.346	14.7	
Carbon Disulfide	1.555	1.735	1.758	1.566	1.589	1.555	1.626	5.8	
Methyl tert-butyl Ether	1.884	2.238	2.221	2.247	2.212	2.209	2.169	6.5	
Methyl Acetate	0.612	0.673	0.714	0.876	0.865	0.881	0.770	15.4	
Methylene Chloride	0.718	0.772	0.754	0.730	0.716	0.705	0.732	3.5	
trans-1,2-Dichloroethene	0.543	0.703	0.665	0.649	0.643	0.635	0.640	8.3	
1,1-Dichloroethane	1.090	1.325	1.299	1.297	1.287	1.278	1.263	6.8	
Cyclohexane		1.161	1.092	1.030	0.984	0.993	1.052	7.1	
2-Butanone	0.370	0.470	0.473	0.439	0.414	0.424	0.432	9	
Carbon Tetrachloride	0.482	0.574	0.555	0.539	0.526	0.518	0.532	6	
cis-1,2-Dichloroethene	0.698	0.806	0.803	0.808	0.787	0.797	0.783	5.4	
Bromochloromethane	0.457	0.607	0.450	0.577	0.587	0.630	0.551	14.2	
Chloroform	1.034	1.364	1.366	1.323	1.282	1.288	1.276	9.7	
1,1,1-Trichloroethane	0.901	1.123	1.141	1.127	1.100	1.103	1.082	8.3	
Methylcyclohexane	0.490	0.589	0.591	0.565	0.548	0.554	0.556	6.6	
Benzene	1.330	1.577	1.566	1.523	1.473	1.459	1.488	6.1	
1,2-Dichloroethane	0.513	0.595	0.600	0.582	0.554	0.553	0.566	5.8	
Trichloroethene	0.296	0.382	0.382	0.370	0.364	0.363	0.360	8.9	
1,2-Dichloropropane	0.326	0.403	0.394	0.397	0.382	0.384	0.381	7.4	
Bromodichloromethane	0.461	0.599	0.601	0.607	0.579	0.586	0.572	9.7	
4-Methyl-2-Pentanone	0.390	0.493	0.503	0.511	0.479	0.487	0.477	9.3	
Toluene	0.841	0.967	0.960	0.940	0.897	0.897	0.917	5.2	

* 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.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: TETR06
 Lab Code: ACE SDG No.: Q3141
 Instrument ID: MSVOA_X Calibration Date(s): 09/16/2025 09/16/2025
 Heated Purge: (Y/N) N Calibration Time(s): 09:23 12:01
 GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:								
RRF001 = VX047585.D			RRF005 = VX047586.D			RRF020 = VX047587.D		
RRF050 = VX047588.D			RRF100 = VX047589.D			RRF150 = VX047590.D		
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
t-1,3-Dichloropropene	0.487	0.588	0.602	0.619	0.595	0.611	0.584	8.3
cis-1,3-Dichloropropene	0.513	0.652	0.644	0.653	0.637	0.644	0.624	8.7
1,1,2-Trichloroethane	0.323	0.365	0.371	0.367	0.344	0.351	0.354	5.1
2-Hexanone	0.274	0.374	0.372	0.360	0.333	0.343	0.343	10.8
Dibromochloromethane	0.321	0.414	0.431	0.435	0.421	0.422	0.407	10.5
1,2-Dibromoethane	0.287	0.379	0.384	0.379	0.364	0.367	0.360	10.1
Tetrachloroethene	0.299	0.354	0.342	0.326	0.320	0.314	0.326	6
Chlorobenzene	0.998	1.182	1.177	1.178	1.139	1.142	1.136	6.2
Ethyl Benzene	1.625	2.077	2.049	2.039	1.996	1.973	1.960	8.6
m/p-Xylenes	0.604	0.774	0.765	0.765	0.739	0.730	0.729	8.8
o-Xylene	0.576	0.734	0.734	0.749	0.721	0.719	0.706	9.1
Styrene	1.019	1.288	1.290	1.299	1.257	1.265	1.236	8.7
Bromoform	0.221	0.293	0.301	0.313	0.312	0.317	0.293	12.4
Isopropylbenzene	3.124	3.907	3.986	4.047	3.907	3.839	3.801	8.9
1,1,2,2-Tetrachloroethane	0.965	1.182	1.203	1.225	1.152	1.173	1.150	8.2
1,3-Dichlorobenzene	1.462	1.800	1.829	1.817	1.768	1.758	1.739	8
1,4-Dichlorobenzene	1.570	1.890	1.868	1.832	1.767	1.783	1.785	6.5
1,2-Dichlorobenzene	1.359	1.691	1.757	1.746	1.696	1.692	1.657	9
1,2-Dibromo-3-Chloropropane	0.173	0.218	0.242	0.254	0.250	0.260	0.233	14.1
1,2,4-Trichlorobenzene	0.831	1.099	1.107	1.156	1.140	1.126	1.077	11.3
1,2,3-Trichlorobenzene	0.753	0.986	1.031	1.088	1.078	1.073	1.002	12.7
1,2-Dichloroethane-d4		0.884	0.647	0.770	0.815	0.863	0.796	11.8
Dibromofluoromethane		0.356	0.266	0.331	0.355	0.368	0.335	12.3
Toluene-d8		1.237	0.943	1.147	1.211	1.263	1.160	11.1
4-Bromofluorobenzene		0.478	0.360	0.427	0.452	0.484	0.440	11.4

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>TETR06</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3141</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>09/23/2025</u> <u>09:02</u>
Lab File ID:	<u>VX047719.D</u>	Init. Calib. Date(s):	<u>09/16/2025</u> <u>09/16/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:23</u> <u>12:01</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.656		26.64	20
Chloromethane	0.680	0.808	0.1	18.82	20
Vinyl Chloride	0.666	0.805		20.87	20
Bromomethane	0.422	0.530		25.59	20
Chloroethane	0.445	0.514		15.51	20
Trichlorofluoromethane	0.989	1.104		11.63	20
1,1,2-Trichlorotrifluoroethane	0.578	0.650		12.46	20
1,1-Dichloroethene	0.594	0.677		13.97	20
Acetone	0.346	0.388		12.14	20
Carbon Disulfide	1.626	1.899		16.79	20
Methyl tert-butyl Ether	2.169	2.452		13.05	20
Methyl Acetate	0.770	0.873		13.38	20
Methylene Chloride	0.732	0.832		13.66	20
trans-1,2-Dichloroethene	0.640	0.741		15.78	20
1,1-Dichloroethane	1.263	1.428	0.1	13.06	20
Cyclohexane	1.052	1.142		8.56	20
2-Butanone	0.432	0.477		10.42	20
Carbon Tetrachloride	0.532	0.561		5.45	20
cis-1,2-Dichloroethene	0.783	0.903		15.33	20
Bromochloromethane	0.551	0.612		11.07	20
Chloroform	1.276	1.444		13.17	20
1,1,1-Trichloroethane	1.082	1.211		11.92	20
Methylcyclohexane	0.556	0.599		7.73	20
Benzene	1.488	1.647		10.69	20
1,2-Dichloroethane	0.566	0.606		7.07	20
Trichloroethene	0.360	0.403		11.94	20
1,2-Dichloropropane	0.381	0.426		11.81	20
Bromodichloromethane	0.572	0.634		10.84	20
4-Methyl-2-Pentanone	0.477	0.525		10.06	20
Toluene	0.917	1.016		10.8	20
t-1,3-Dichloropropene	0.584	0.658		12.67	20
cis-1,3-Dichloropropene	0.624	0.704		12.82	20
1,1,2-Trichloroethane	0.354	0.392		10.73	20
2-Hexanone	0.343	0.374		9.04	20
Dibromochloromethane	0.407	0.464		14.01	20
1,2-Dibromoethane	0.360	0.410		13.89	20
Tetrachloroethene	0.326	0.353		8.28	20
Chlorobenzene	1.136	1.246	0.3	9.68	20

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>TETR06</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3141</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>09/23/2025</u> <u>09:02</u>
Lab File ID:	<u>VX047719.D</u>	Init. Calib. Date(s):	<u>09/16/2025</u> <u>09/16/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:23</u> <u>12:01</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.960	2.150		9.69	20
m/p-Xylenes	0.729	0.807		10.7	20
o-Xylene	0.706	0.790		11.9	20
Styrene	1.236	1.382		11.81	20
Bromoform	0.293	0.332	0.1	13.31	20
Isopropylbenzene	3.801	4.072		7.13	20
1,1,2,2-Tetrachloroethane	1.150	1.253	0.3	8.96	20
1,3-Dichlorobenzene	1.739	1.887		8.51	20
1,4-Dichlorobenzene	1.785	1.893		6.05	20
1,2-Dichlorobenzene	1.657	1.825		10.14	20
1,2-Dibromo-3-Chloropropane	0.233	0.241		3.43	20
1,2,4-Trichlorobenzene	1.077	1.150		6.78	20
1,2,3-Trichlorobenzene	1.002	1.103		10.08	20
1,2-Dichloroethane-d4	0.796	0.816		2.51	20
Dibromofluoromethane	0.335	0.352		5.07	20
Toluene-d8	1.160	1.200		3.45	20
4-Bromofluorobenzene	0.440	0.459		4.32	20

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>TETRO6</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3141</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>09/23/2025 19:00</u>
Lab File ID:	<u>VX047744.D</u>	Init. Calib. Date(s):	<u>09/16/2025 09/16/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:23 12:01</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.632		22.01	50
Chloromethane	0.680	0.784	0.1	15.29	50
Vinyl Chloride	0.666	0.776		16.52	50
Bromomethane	0.422	0.496		17.54	50
Chloroethane	0.445	0.505		13.48	50
Trichlorofluoromethane	0.989	1.097		10.92	50
1,1,2-Trichlorotrifluoroethane	0.578	0.639		10.55	50
1,1-Dichloroethene	0.594	0.657		10.61	50
Acetone	0.346	0.295		-14.74	50
Carbon Disulfide	1.626	1.828		12.42	50
Methyl tert-butyl Ether	2.169	2.338		7.79	50
Methyl Acetate	0.770	0.876		13.77	50
Methylene Chloride	0.732	0.797		8.88	50
trans-1,2-Dichloroethene	0.640	0.715		11.72	50
1,1-Dichloroethane	1.263	1.376	0.1	8.95	50
Cyclohexane	1.052	1.100		4.56	50
2-Butanone	0.432	0.442		2.32	50
Carbon Tetrachloride	0.532	0.522		-1.88	50
cis-1,2-Dichloroethene	0.783	0.862		10.09	50
Bromochloromethane	0.551	0.579		5.08	50
Chloroform	1.276	1.391		9.01	50
1,1,1-Trichloroethane	1.082	1.150		6.28	50
Methylcyclohexane	0.556	0.569		2.34	50
Benzene	1.488	1.586		6.59	50
1,2-Dichloroethane	0.566	0.582		2.83	50
Trichloroethene	0.360	0.386		7.22	50
1,2-Dichloropropane	0.381	0.410		7.61	50
Bromodichloromethane	0.572	0.607		6.12	50
4-Methyl-2-Pentanone	0.477	0.521		9.22	50
Toluene	0.917	0.974		6.22	50
t-1,3-Dichloropropene	0.584	0.590		1.03	50
cis-1,3-Dichloropropene	0.624	0.642		2.88	50
1,1,2-Trichloroethane	0.354	0.387		9.32	50
2-Hexanone	0.343	0.358		4.37	50
Dibromochloromethane	0.407	0.441		8.35	50
1,2-Dibromoethane	0.360	0.396		10	50
Tetrachloroethene	0.326	0.337		3.37	50
Chlorobenzene	1.136	1.185	0.3	4.31	50

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>TETR06</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3141</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>09/23/2025</u> <u>19:00</u>
Lab File ID:	<u>VX047744.D</u>	Init. Calib. Date(s):	<u>09/16/2025</u> <u>09/16/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:23</u> <u>12:01</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.960	2.020		3.06	50
m/p-Xylenes	0.729	0.755		3.57	50
o-Xylene	0.706	0.741		4.96	50
Styrene	1.236	1.305		5.58	50
Bromoform	0.293	0.305	0.1	4.1	50
Isopropylbenzene	3.801	3.780		-0.55	50
1,1,2,2-Tetrachloroethane	1.150	1.194	0.3	3.83	50
1,3-Dichlorobenzene	1.739	1.714		-1.44	50
1,4-Dichlorobenzene	1.785	1.729		-3.14	50
1,2-Dichlorobenzene	1.657	1.655		-0.12	50
1,2-Dibromo-3-Chloropropane	0.233	0.228		-2.15	50
1,2,4-Trichlorobenzene	1.077	1.029		-4.46	50
1,2,3-Trichlorobenzene	1.002	0.989		-1.3	50
1,2-Dichloroethane-d4	0.796	0.781		-1.88	50
Dibromofluoromethane	0.335	0.336		0.3	50
Toluene-d8	1.160	1.139		-1.81	50
4-Bromofluorobenzene	0.440	0.434		-1.36	50

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>TETR06</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3141</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>09/24/2025 02:08</u>
Lab File ID:	<u>VX047746.D</u>	Init. Calib. Date(s):	<u>09/16/2025 09/16/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:23 12:01</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.672		29.73	20
Chloromethane	0.680	0.783	0.1	15.15	20
Vinyl Chloride	0.666	0.789		18.47	20
Bromomethane	0.422	0.468		10.9	20
Chloroethane	0.445	0.492		10.56	20
Trichlorofluoromethane	0.989	1.101		11.32	20
1,1,2-Trichlorotrifluoroethane	0.578	0.655		13.32	20
1,1-Dichloroethene	0.594	0.663		11.62	20
Acetone	0.346	0.298		-13.87	20
Carbon Disulfide	1.626	1.796		10.45	20
Methyl tert-butyl Ether	2.169	2.253		3.87	20
Methyl Acetate	0.770	0.868		12.73	20
Methylene Chloride	0.732	0.771		5.33	20
trans-1,2-Dichloroethene	0.640	0.695		8.59	20
1,1-Dichloroethane	1.263	1.349	0.1	6.81	20
Cyclohexane	1.052	1.077		2.38	20
2-Butanone	0.432	0.438		1.39	20
Carbon Tetrachloride	0.532	0.554		4.14	20
cis-1,2-Dichloroethene	0.783	0.815		4.09	20
Bromochloromethane	0.551	0.629		14.16	20
Chloroform	1.276	1.328		4.07	20
1,1,1-Trichloroethane	1.082	1.123		3.79	20
Methylcyclohexane	0.556	0.576		3.6	20
Benzene	1.488	1.584		6.45	20
1,2-Dichloroethane	0.566	0.569		0.53	20
Trichloroethene	0.360	0.387		7.5	20
1,2-Dichloropropane	0.381	0.401		5.25	20
Bromodichloromethane	0.572	0.594		3.85	20
4-Methyl-2-Pentanone	0.477	0.516		8.18	20
Toluene	0.917	0.950		3.6	20
t-1,3-Dichloropropene	0.584	0.561		-3.94	20
cis-1,3-Dichloropropene	0.624	0.614		-1.6	20
1,1,2-Trichloroethane	0.354	0.369		4.24	20
2-Hexanone	0.343	0.357		4.08	20
Dibromochloromethane	0.407	0.431		5.9	20
1,2-Dibromoethane	0.360	0.382		6.11	20
Tetrachloroethene	0.326	0.346		6.14	20
Chlorobenzene	1.136	1.179	0.3	3.79	20

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>TETR06</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3141</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>09/24/2025</u> <u>02:08</u>
Lab File ID:	<u>VX047746.D</u>	Init. Calib. Date(s):	<u>09/16/2025</u> <u>09/16/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:23</u> <u>12:01</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.960	2.043		4.24	20
m/p-Xylenes	0.729	0.773		6.04	20
o-Xylene	0.706	0.741		4.96	20
Styrene	1.236	1.308		5.82	20
Bromoform	0.293	0.317	0.1	8.19	20
Isopropylbenzene	3.801	3.949		3.89	20
1,1,2,2-Tetrachloroethane	1.150	1.228	0.3	6.78	20
1,3-Dichlorobenzene	1.739	1.760		1.21	20
1,4-Dichlorobenzene	1.785	1.788		0.17	20
1,2-Dichlorobenzene	1.657	1.706		2.96	20
1,2-Dibromo-3-Chloropropane	0.233	0.234		0.43	20
1,2,4-Trichlorobenzene	1.077	1.065		-1.11	20
1,2,3-Trichlorobenzene	1.002	1.020		1.8	20
1,2-Dichloroethane-d4	0.796	0.863		8.42	20
Dibromofluoromethane	0.335	0.398		18.81	20
Toluene-d8	1.160	1.325		14.22	20
4-Bromofluorobenzene	0.440	0.493		12.05	20

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>TETR06</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3141</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>09/24/2025 10:50</u>
Lab File ID:	<u>VX047767.D</u>	Init. Calib. Date(s):	<u>09/16/2025 09/16/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:23 12:01</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.593		14.48	50
Chloromethane	0.680	0.735	0.1	8.09	50
Vinyl Chloride	0.666	0.726		9.01	50
Bromomethane	0.422	0.463		9.72	50
Chloroethane	0.445	0.466		4.72	50
Trichlorofluoromethane	0.989	1.013		2.43	50
1,1,2-Trichlorotrifluoroethane	0.578	0.586		1.38	50
1,1-Dichloroethene	0.594	0.631		6.23	50
Acetone	0.346	0.323		-6.65	50
Carbon Disulfide	1.626	1.720		5.78	50
Methyl tert-butyl Ether	2.169	2.352		8.44	50
Methyl Acetate	0.770	0.940		22.08	50
Methylene Chloride	0.732	0.779		6.42	50
trans-1,2-Dichloroethene	0.640	0.685		7.03	50
1,1-Dichloroethane	1.263	1.341	0.1	6.18	50
Cyclohexane	1.052	1.066		1.33	50
2-Butanone	0.432	0.500		15.74	50
Carbon Tetrachloride	0.532	0.515		-3.19	50
cis-1,2-Dichloroethene	0.783	0.835		6.64	50
Bromochloromethane	0.551	0.591		7.26	50
Chloroform	1.276	1.376		7.84	50
1,1,1-Trichloroethane	1.082	1.134		4.81	50
Methylcyclohexane	0.556	0.525		-5.58	50
Benzene	1.488	1.534		3.09	50
1,2-Dichloroethane	0.566	0.562		-0.71	50
Trichloroethene	0.360	0.371		3.06	50
1,2-Dichloropropane	0.381	0.401		5.25	50
Bromodichloromethane	0.572	0.591		3.32	50
4-Methyl-2-Pentanone	0.477	0.565		18.45	50
Toluene	0.917	0.943		2.84	50
t-1,3-Dichloropropene	0.584	0.540		-7.53	50
cis-1,3-Dichloropropene	0.624	0.587		-5.93	50
1,1,2-Trichloroethane	0.354	0.379		7.06	50
2-Hexanone	0.343	0.396		15.45	50
Dibromochloromethane	0.407	0.437		7.37	50
1,2-Dibromoethane	0.360	0.406		12.78	50
Tetrachloroethene	0.326	0.340		4.29	50
Chlorobenzene	1.136	1.145	0.3	0.79	50

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>TETR06</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3141</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>09/24/2025</u> <u>10:50</u>
Lab File ID:	<u>VX047767.D</u>	Init. Calib. Date(s):	<u>09/16/2025</u> <u>09/16/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:23</u> <u>12:01</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.960	1.949		-0.56	50
m/p-Xylenes	0.729	0.741		1.65	50
o-Xylene	0.706	0.724		2.55	50
Styrene	1.236	1.277		3.32	50
Bromoform	0.293	0.316	0.1	7.85	50
Isopropylbenzene	3.801	3.694		-2.82	50
1,1,2,2-Tetrachloroethane	1.150	1.264	0.3	9.91	50
1,3-Dichlorobenzene	1.739	1.732		-0.4	50
1,4-Dichlorobenzene	1.785	1.729		-3.14	50
1,2-Dichlorobenzene	1.657	1.696		2.35	50
1,2-Dibromo-3-Chloropropane	0.233	0.254		9.01	50
1,2,4-Trichlorobenzene	1.077	1.059		-1.67	50
1,2,3-Trichlorobenzene	1.002	1.049		4.69	50
1,2-Dichloroethane-d4	0.796	0.866		8.79	50
Dibromofluoromethane	0.335	0.362		8.06	50
Toluene-d8	1.160	1.237		6.64	50
4-Bromofluorobenzene	0.440	0.475		7.95	50

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

LAB CHRONICLE

OrderID:	Q3141	OrderDate:	9/18/2025 3:41:00 PM
Client:	Tetra Tech NUS, Inc.	Project:	NWIRP Bethpage 112G08005-WE13
Contact:	Ernie Wu	Location:	J11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3141-02	BP-VPB-184-EB-2025 0918	Water			09/18/25			09/18/25
			SVOC-SIMGroup1	8270-Modified		09/23/25	09/25/25	
Q3141-03	BP-VPB-184-GW-60-6 2	Water			09/17/25			09/18/25
			SVOC-SIMGroup1	8270-Modified		09/23/25	09/25/25	
Q3141-05	BP-VPB-184-GW-150- 152	Water			09/18/25			09/18/25
			SVOC-SIMGroup1	8270-Modified		09/23/25	09/25/25	
Q3141-07	BP-VPB-184-GW-220- 222	Water			09/18/25			09/18/25
			SVOC-SIMGroup1	8270-Modified		09/23/25	09/25/25	

Hit Summary Sheet SW-846

SDG No.: Q3141

Client: Tetra Tech NUS, Inc.

Sample ID	Client ID	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : BP-VPB-184-EB-20250918								
Q3141-02	BP-VPB-184-EB-202509 WATER	1,4-Dioxane	0.270		0.07	0.21	0.21	ug/L
		Total Svoc :			0.27			
		Total Concentration:			0.27			
Client ID : BP-VPB-184-GW-150-152								
Q3141-05	BP-VPB-184-GW-150-15 WATER	1,4-Dioxane	0.080	J	0.07	0.22	0.22	ug/L
		Total Svoc :			0.08			
		Total Concentration:			0.08			
Client ID : BP-VPB-184-GW-220-222								
Q3141-07	BP-VPB-184-GW-220-22 WATER	1,4-Dioxane	0.460		0.09	0.28	0.28	ug/L
		Total Svoc :			0.46			
		Total Concentration:			0.46			



SAMPLE DATA

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	09/18/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/18/25
Client Sample ID:	BP-VPB-184-EB-20250918	SDG No.:	Q3141
Lab Sample ID:	Q3141-02	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
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
BN037889.D	1	09/23/25 08:40	09/25/25 15:11	PB169793

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.27		0.070	0.21	0.21	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.35		30 - 150		88%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.48		30 - 150		121%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.36		55 - 111		90%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.37		53 - 106		92%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.66	*	58 - 132		164%	SPK: 0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5890	7.826				
1146-65-2	Naphthalene-d8	15900	10.626				
15067-26-2	Acenaphthene-d10	8920	14.473				
1517-22-2	Phenanthrene-d10	18800	17.223				
1719-03-5	Chrysene-d12	19600	21.402				
1520-96-3	Perylene-d12	19100	23.736				

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	09/17/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/18/25
Client Sample ID:	BP-VPB-184-GW-60-62	SDG No.:	Q3141
Lab Sample ID:	Q3141-03	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	560 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
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
BN037890.D	1	09/23/25 08:40	09/25/25 15:48	PB169793

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.36	U	0.12	0.36	0.36	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.29		30 - 150		72%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.41		30 - 150		102%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.27		55 - 111		68%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.26		53 - 106		65%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.44		58 - 132		111%	SPK: 0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6760	7.818				
1146-65-2	Naphthalene-d8	21700	10.626				
15067-26-2	Acenaphthene-d10	14300	14.473				
1517-22-2	Phenanthrene-d10	28300	17.223				
1719-03-5	Chrysene-d12	25300	21.402				
1520-96-3	Perylene-d12	23200	23.736				

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	09/18/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/18/25
Client Sample ID:	BP-VPB-184-GW-150-152	SDG No.:	Q3141
Lab Sample ID:	Q3141-05	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
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
BN037891.D	1	09/23/25 08:40	09/25/25 16:24	PB169793

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.080	J	0.070	0.22	0.22	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.31		30 - 150		78%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.39		30 - 150		98%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.30		55 - 111		76%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.29		53 - 106		73%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.47		58 - 132		118%	SPK: 0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8050	7.818				
1146-65-2	Naphthalene-d8	26000	10.626				
15067-26-2	Acenaphthene-d10	15600	14.473				
1517-22-2	Phenanthrene-d10	32900	17.223				
1719-03-5	Chrysene-d12	27900	21.402				
1520-96-3	Perylene-d12	25000	23.736				

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	09/18/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/18/25
Client Sample ID:	BP-VPB-184-GW-220-222	SDG No.:	Q3141
Lab Sample ID:	Q3141-07	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	710 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
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
BN037892.D	1	09/23/25 08:40	09/25/25 17:01	PB169793

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.46		0.090	0.28	0.28	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.34		30 - 150		84%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.41		30 - 150		101%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.33		55 - 111		82%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.32		53 - 106		80%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.50		58 - 132		124%	SPK: 0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9380	7.818				
1146-65-2	Naphthalene-d8	28600	10.626				
15067-26-2	Acenaphthene-d10	16600	14.473				
1517-22-2	Phenanthrene-d10	34100	17.223				
1719-03-5	Chrysene-d12	29300	21.402				
1520-96-3	Perylene-d12	25100	23.736				

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

Surrogate Summary

SW-846

SDG No.: Q3141

Client: Tetra Tech NUS, Inc.

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB169793BL	PB169793BL	2-Methylnaphthalene-d10	0.4	0.33	82		30	150
		Fluoranthene-d10	0.4	0.35	88		30	150
		Nitrobenzene-d5	0.4	0.38	96		55	111
		2-Fluorobiphenyl	0.4	0.38	95		53	106
		Terphenyl-d14	0.4	0.40	100		58	132
PB169793BS	PB169793BS	2-Methylnaphthalene-d10	0.4	0.37	92		30	150
		Fluoranthene-d10	0.4	0.34	86		30	150
		Nitrobenzene-d5	0.4	0.38	95		55	111
		2-Fluorobiphenyl	0.4	0.39	97		53	106
		Terphenyl-d14	0.4	0.38	95		58	132
PB169793BSD	PB169793BSD	2-Methylnaphthalene-d10	0.4	0.35	88		30	150
		Fluoranthene-d10	0.4	0.33	83		30	150
		Nitrobenzene-d5	0.4	0.36	90		55	111
		2-Fluorobiphenyl	0.4	0.37	93		53	106
		Terphenyl-d14	0.4	0.38	95		58	132
Q3141-02	BP-VPB-184-EB-20250918	2-Methylnaphthalene-d10	0.4	0.35	88		30	150
		Fluoranthene-d10	0.4	0.48	121		30	150
		Nitrobenzene-d5	0.4	0.36	90		55	111
		2-Fluorobiphenyl	0.4	0.37	92		53	106
		Terphenyl-d14	0.4	0.66	164	*	58	132
Q3141-03	BP-VPB-184-GW-60-62	2-Methylnaphthalene-d10	0.4	0.29	72		30	150
		Fluoranthene-d10	0.4	0.41	102		30	150
		Nitrobenzene-d5	0.4	0.27	68		55	111
		2-Fluorobiphenyl	0.4	0.26	65		53	106
		Terphenyl-d14	0.4	0.44	111		58	132
Q3141-05	BP-VPB-184-GW-150-152	2-Methylnaphthalene-d10	0.4	0.31	78		30	150
		Fluoranthene-d10	0.4	0.39	98		30	150
		Nitrobenzene-d5	0.4	0.30	76		55	111
		2-Fluorobiphenyl	0.4	0.29	73		53	106
		Terphenyl-d14	0.4	0.47	118		58	132
Q3141-07	BP-VPB-184-GW-220-222	2-Methylnaphthalene-d10	0.4	0.34	84		30	150
		Fluoranthene-d10	0.4	0.41	101		30	150
		Nitrobenzene-d5	0.4	0.33	82		55	111
		2-Fluorobiphenyl	0.4	0.32	80		53	106
		Terphenyl-d14	0.4	0.50	124		58	132

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3141

Analytical Method: 8270-Modified

Client: Tetra Tech NUS, Inc.

DataFile: BN037886.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB169793BS	1,4-Dioxane	0.4	0.33	ug/L	83				70	130	

A
B
C
D
E
F
G

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3141

Analytical Method: 8270-Modified

Client: Tetra Tech NUS, Inc.

DataFile: BN037887.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB169793BSD	1,4-Dioxane	0.4	0.30	ug/L	75	10			70	130	20

A
B
C
D
E
F
G

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB169793BL

Lab Name: Alliance

Contract: TETR06

Lab Code: ACE

SDG NO.: Q3141

Lab File ID: BN037884.D

Lab Sample ID: PB169793BL

Instrument ID: BNA_N

Date Extracted: 09/23/2025

Matrix: (soil/water) Water

Date Analyzed: 09/25/2025

Level: (low/med) LOW

Time Analyzed: 12:07

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169793BS	PB169793BS	BN037886.D	09/25/2025
PB169793BSD	PB169793BSD	BN037887.D	09/25/2025
BP-VPB-184-EB-20250918	Q3141-02	BN037889.D	09/25/2025
BP-VPB-184-GW-60-62	Q3141-03	BN037890.D	09/25/2025
BP-VPB-184-GW-150-152	Q3141-05	BN037891.D	09/25/2025
BP-VPB-184-GW-220-222	Q3141-07	BN037892.D	09/25/2025

COMMENTS: _____

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BN037860.D
Instrument ID: BNA_N

Contract: TETR06
SDG NO.: Q3141
DFTPP Injection Date: 09/23/2025
DFTPP Injection Time: 11:33

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	72.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	17.7 (20.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC0.1	SSTDICC0.1	BN037861.D	09/23/2025	12:13
SSTDICC0.2	SSTDICC0.2	BN037862.D	09/23/2025	12:49
SSTDICCC0.4	SSTDICCC0.4	BN037863.D	09/23/2025	13:25
SSTDICC0.8	SSTDICC0.8	BN037864.D	09/23/2025	14:02
SSTDICC1.6	SSTDICC1.6	BN037865.D	09/23/2025	14:38
SSTDICC3.2	SSTDICC3.2	BN037866.D	09/23/2025	15:15
SSTDICC5.0	SSTDICC5.0	BN037867.D	09/23/2025	15:51

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BN037882.D
Instrument ID: BNA_N

Contract: TETR06
SDG NO.: Q3141
DFTPP Injection Date: 09/25/2025
DFTPP Injection Time: 10:52

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.8 (1.8) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.1
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	81.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	17.7 (20.9) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN037883.D	09/25/2025	11:31
PB169793BL	PB169793BL	BN037884.D	09/25/2025	12:07
PB169793BS	PB169793BS	BN037886.D	09/25/2025	13:21
PB169793BSD	PB169793BSD	BN037887.D	09/25/2025	13:57
BP-VPB-184-EB-20250918	Q3141-02	BN037889.D	09/25/2025	15:11
BP-VPB-184-GW-60-62	Q3141-03	BN037890.D	09/25/2025	15:48
BP-VPB-184-GW-150-152	Q3141-05	BN037891.D	09/25/2025	16:24
BP-VPB-184-GW-220-222	Q3141-07	BN037892.D	09/25/2025	17:01
SSTDCCC0.4EC	SSTDCCC0.4	BN037901.D	09/25/2025	22:31

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3141

Client ID : SSTDCCC0.4

Date Analyzed: 09/25/2025

Lab File ID: BN037883.D

Time Analyzed: 11:31

Instrument ID: BNA_N

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	5686	7.818	16943	10.63	8938	14.47
UPPER LIMIT	11372	8.318	33886	11.126	17876	14.973
LOWER LIMIT	2843	7.318	8471.5	10.126	4469	13.973
EPA SAMPLE NO.						
01 BP-VPB-184-GW-60-62	6755	7.82	21716	10.63	14305	14.47
02 BP-VPB-184-GW-150-152	8047	7.82	25971	10.63	15628	14.47
03 BP-VPB-184-GW-220-222	9376	7.82	28623	10.63	16601	14.47
04 PB169793BL	6424	7.82	17072	10.63	8141	14.47
05 PB169793BS	8698	7.82	23812	10.63	11731	14.47
06 PB169793BSD	6010	7.82	16163	10.63	7938	14.47
07 BP-VPB-184-EB-20250918	5890	7.83	15941	10.63	8922	14.47

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3141

Client ID: SSTDCCC0.4

Date Analyzed: 09/25/2025

Lab File ID: BN037883.D

Time Analyzed: 11:31

Instrument ID: BNA_N

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	18224	17.223	15951	21.402	15181	23.73
UPPER LIMIT	36448	17.723	31902	21.902	30362	24.23
LOWER LIMIT	9112	16.723	7975.5	20.902	7590.5	23.23
EPA SAMPLE NO.						
01 BP-VPB-184-GW-60-62	28336	17.22	25331	21.40	23209	23.74
02 BP-VPB-184-GW-150-152	32900	17.22	27935	21.40	24958	23.74
03 BP-VPB-184-GW-220-222	34086	17.22	29285	21.40	25119	23.74
04 PB169793BL	16191	17.22	13560	21.40	12617	23.73
05 PB169793BS	23564	17.22	19236	21.40	16484	23.73
06 PB169793BSD	15792	17.22	12693	21.40	10583	23.73
07 BP-VPB-184-EB-20250918	18792	17.22	19605	21.40	19091	23.74

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	
Client Sample ID:	PB169793BL		SDG No.:	Q3141
Lab Sample ID:	PB169793BL		Matrix:	Water
Analytical Method:	SW8270ESIM		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOC-SIMGroup1
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
BN037884.D	1	09/23/25 08:40	09/25/25 12:07	PB169793

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.20	U	0.070	0.20	0.20	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.33		30 - 150		82%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.35		30 - 150		88%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.38		55 - 111		96%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.38		53 - 106		95%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.40		58 - 132		100%	SPK: 0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6420	7.818				
1146-65-2	Naphthalene-d8	17100	10.626				
15067-26-2	Acenaphthene-d10	8140	14.473				
1517-22-2	Phenanthrene-d10	16200	17.223				
1719-03-5	Chrysene-d12	13600	21.402				
1520-96-3	Perylene-d12	12600	23.73				

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	
Client Sample ID:	PB169793BS		SDG No.:	Q3141
Lab Sample ID:	PB169793BS		Matrix:	Water
Analytical Method:	SW8270ESIM		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOC-SIMGroup1
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
BN037886.D	1	09/23/25 08:40	09/25/25 13:21	PB169793

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.33		0.070	0.20	0.20	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.37		30 - 150		92%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.34		30 - 150		86%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.38		55 - 111		95%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.39		53 - 106		97%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.38		58 - 132		95%	SPK: 0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8700	7.818				
1146-65-2	Naphthalene-d8	23800	10.626				
15067-26-2	Acenaphthene-d10	11700	14.473				
1517-22-2	Phenanthrene-d10	23600	17.223				
1719-03-5	Chrysene-d12	19200	21.402				
1520-96-3	Perylene-d12	16500	23.733				

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:		
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:		
Client Sample ID:	PB169793BSD		SDG No.:	Q3141	
Lab Sample ID:	PB169793BSD		Matrix:	Water	
Analytical Method:	SW8270ESIM		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SVOC-SIMGroup1	
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
BN037887.D	1	09/23/25 08:40	09/25/25 13:57	PB169793

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.30		0.070	0.20	0.20	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.35		30 - 150		88%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.33		30 - 150		83%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.36		55 - 111		90%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.37		53 - 106		93%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.38		58 - 132		95%	SPK: 0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6010	7.818				
1146-65-2	Naphthalene-d8	16200	10.626				
15067-26-2	Acenaphthene-d10	7940	14.473				
1517-22-2	Phenanthrene-d10	15800	17.223				
1719-03-5	Chrysene-d12	12700	21.402				
1520-96-3	Perylene-d12	10600	23.733				

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

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
 Method File : 8270-SIM-BN092325.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Sep 24 11:00:01 2025
 Response Via : Initial Calibration

Calibration Files

0.1 =BN037861.D 0.2 =BN037862.D 0.4 =BN037863.D 0.8 =BN037864.D 1.6 =BN037865.D 3.2 =BN037866.D 5 =BN037867.D

	Compound	0.1	0.2	0.4	0.8	1.6	3.2	5	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.413	0.410	0.403	0.425	0.410	0.376	0.406	4.04	
3)	n-Nitrosodimet...	0.541	0.517	0.526	0.561	0.549	0.547	0.540	3.03	
4) S	2-Fluorophenol	0.944	0.921	0.856	0.839	0.908	0.923	0.998	0.913	5.84
5) S	Phenol-d6	1.190	1.200	1.118	1.088	1.211	1.236	1.353	1.199	7.15
6)	bis(2-Chloroet...	1.133	1.096	1.082	1.066	1.150	1.124	1.143	1.113	2.89
7) I	Naphthalene-d8	-----ISTD-----								
8) S	Nitrobenzene-d5	0.299	0.289	0.289	0.290	0.310	0.320	0.338	0.305	6.14
9)	Naphthalene	1.105	1.089	1.048	1.051	1.123	1.137	1.160	1.102	3.84
10)	Hexachlorobuta...	0.198	0.184	0.182	0.183	0.192	0.188	0.188	0.188	2.94
11) SURR2	Methylnaphth...	0.515	0.518	0.499	0.504	0.553	0.587	0.714	0.556	13.74
12)	2-Methylnaphth...	0.678	0.681	0.668	0.682	0.754	0.775	0.802	0.720	7.68
13) I	Acenaphthene-d10	-----ISTD-----								
14) S	2,4,6-Tribromo...	0.148	0.142	0.135	0.139	0.163	0.184	0.152	12.15	
15) S	2-Fluorobiphenyl	1.660	1.631	1.559	1.547	1.654	1.650	1.762	1.638	4.36
16)	Acenaphthylene	1.698	1.721	1.663	1.680	1.907	1.951	2.094	1.816	9.23
17)	Acenaphthene	1.262	1.230	1.198	1.208	1.351	1.371	1.437	1.294	7.16
18)	Fluorene	1.455	1.455	1.452	1.466	1.664	1.717	1.748	1.565	8.77
19) I	Phenanthrene-d10	-----ISTD-----								
20)	4,6-Dinitro-2-...	0.041	0.044	0.046	0.058	0.071	0.084	0.057	29.75	
21)	4-Bromophenyl-...	0.252	0.247	0.244	0.244	0.272	0.275	0.291	0.261	7.07
22)	Hexachlorobenzene	0.317	0.312	0.305	0.300	0.324	0.323	0.332	0.316	3.53
23)	Atrazine	0.180	0.181	0.172	0.178	0.205	0.224	0.249	0.199	14.70
24)	Pentachlorophenol	0.101	0.092	0.097	0.116	0.136	0.108	16.50		
25)	Phenanthrene	1.301	1.271	1.230	1.224	1.358	1.379	1.452	1.316	6.37
26)	Anthracene	1.034	1.035	1.023	1.057	1.209	1.275	1.361	1.142	12.10
27) SURR	Fluoranthene-d10	0.880	0.918	0.887	0.900	1.004	1.085	1.370	1.006	17.59
28)	Fluoranthene	1.278	1.315	1.311	1.358	1.555	1.617	1.713	1.450	12.07
29) I	Chrysene-d12	-----ISTD-----								
30)	Pyrene	1.576	1.600	1.521	1.476	1.607	1.595	1.679	1.579	4.12
31) S	Terphenyl-d14	0.799	0.791	0.753	0.735	0.798	0.809	0.893	0.797	6.34
32)	Benzo(a)anthra...	1.376	1.359	1.294	1.285	1.423	1.483	1.567	1.398	7.27
33)	Chrysene	1.508	1.526	1.462	1.446	1.559	1.512	1.569	1.512	3.03
34)	Bis(2-ethylhex...	0.592	0.487	0.476	0.518	0.569	0.676	0.553	13.57	
35) I	Perylene-d12	-----ISTD-----								

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\

Method File : 8270-SIM-BN092325.M

36)	Indeno(1,2,3-c...	1.715	1.672	1.658	1.707	1.887	1.996	2.159	1.828	10.52
37)	Benzo(b)fluora...	1.599	1.606	1.641	1.590	1.810	1.848	1.981	1.725	8.95
38)	Benzo(k)fluora...	1.620	1.586	1.597	1.628	1.875	1.917	1.926	1.736	9.26
39) C	Benzo(a)pyrene	1.254	1.296	1.231	1.254	1.413	1.492	1.610	1.364	10.61
40)	Dibenzo(a,h)an...	1.285	1.283	1.303	1.333	1.495	1.587	1.705	1.427	11.87
41)	Benzo(g,h,i)pe...	1.407	1.381	1.404	1.397	1.521	1.613	1.773	1.499	9.85

(#) = Out of Range

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: TETR06
 Lab Code: ACE SDG No.: Q3141
 Instrument ID: BNA_N Calibration Date/Time: 09/25/2025 11:31
 Lab File ID: BN037883.D Init. Calib. Date(s): 09/23/2025 09/23/2025
 EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 12:13 15:51
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.556	0.515		-7.4	20.0
Fluoranthene-d10	1.006	0.915		-9.0	20.0
2-Fluorophenol	0.913	0.967		5.9	20.0
Phenol-d6	1.199	1.243		3.7	20.0
Nitrobenzene-d5	0.305	0.321		5.2	20.0
2-Fluorobiphenyl	1.638	1.650		0.7	20.0
2,4,6-Tribromophenol	0.152	0.143		-5.9	20.0
Terphenyl-d14	0.797	0.754		-5.4	20.0
1,4-Dioxane	0.406	0.421		3.7	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>TETR06</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3141</u>
Instrument ID:	<u>BNA_N</u>	Calibration Date/Time:	<u>09/25/2025 22:31</u>
Lab File ID:	<u>BN037901.D</u>	Init. Calib. Date(s):	<u>09/23/2025 09/23/2025</u>
EPA Sample No.:	<u>SSTDCCC0.4EC</u>	Init. Calib. Time(s):	<u>12:13 15:51</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.556	0.514		-7.6	50.0
Fluoranthene-d10	1.006	0.920		-8.5	50.0
2-Fluorophenol	0.913	0.982		7.6	50.0
Phenol-d6	1.199	1.281		6.8	50.0
Nitrobenzene-d5	0.305	0.313		2.6	50.0
2-Fluorobiphenyl	1.638	1.527		-6.8	50.0
2,4,6-Tribromophenol	0.152	0.142		-6.6	50.0
Terphenyl-d14	0.797	0.761		-4.5	50.0
1,4-Dioxane	0.406	0.415		2.2	50.0

All other compounds must meet a minimum RRF of 0.010.



SHIPPING DOCUMENTS



CHAIN OF CUSTODY RECORD

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

Chemtech Project Number:

23141

COC Number:

CLIENT INFORMATION

COMPANY: Tetra Tech
ADDRESS: 4433 Corporation Lane Suite 300
CITY: Virginia Beach STATE: VA ZIP: 23462
ATTENTION: Ernie Wu
PHONE: 757-466-4901 FAX: 757-461-4148

PROJECT INFORMATION

PROJECT NAME: NWIRP Bethpage
PROJECT #: 112G08005-WE13 LOCATION: VPB-184
PROJECT MANAGER: Ernie Wu
E-MAIL: ernie.wu@tetratech.com
PHONE: 757-466-4901 FAX: 757-461-4148

BILLING INFORMATION

BILL TO: SEE CONTRACT PO#
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: 2 & 10 DAYS*
HARD COPY: 2 & 10 DAYS*
EDD 2 & 10 DAYS*
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESEULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other
☐ EDD Format

ANALYSIS

VOC(SW846-8200E)	1,4 Dioxane (8270 SIM)								
1	2	3	4	5	6	7	8	9	

PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	A									<-- Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	BP-VPB-184-TB-20250917	QA		X	9/17/25	9:00	2	2									Trip Blank
2.	BP-VPB-184-EB-20250918	QA		X	9/18/25	10:30	3	2	1								Equipment Blank
3.	BP-VPB-184-GW-60-62	AQ		X	9/17/25	10:11	3	2	1								
4.	BP-VPB-184-GW-100-102	AQ		X	9/17/25	12:50	3	3									
5.	BP-VPB-184-GW-150-152	AQ		X	9/18/25	9:45	3	2	1								
6.	BP-VPB-184-GW-200-202	AQ		X	9/18/25	12:25	3	3									
7.	BP-VPB-184-GW-220-222	AQ		X	9/18/25	14:30	3	2	1								
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp <u>2.1°C</u> MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler?: Comments: 5 Day TAT - For VOC's see worksheet #15 of SAP 2018 for VPB program VOC list 10-DAY TAT - For 1,4 Dioxane (8270 SIM)
1.	9/18/25		
RELINQUISHED BY	DATE/TIME	RECEIVED BY	
2.		2.	
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY	
3.	9-18-25	3.	
Page <u>1</u> of <u>1</u>			SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight CHEMTECH: ☐ Picked Up ☐ Overnight
			Shipment Complete ☐ YES ☐ NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT

YELLOW - CHEMTECH COPY

PINK - SAMPLER COPY

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3141 TETR06

Order Date : 9/18/2025 3:41:00 PM

Project Mgr :

Client Name : Tetra Tech NUS, Inc.

Project Name : NWIRP Bethpage 112G080

Report Type : Level 4

Client Contact : Ernie Wu

Receive DateTime : 9/18/2025 7:05:00 PM

EDD Type : ADAPT

Invoice Name : Tetra Tech NUS, Inc.

Purchase Order :

Hard Copy Date :

Invoice Contact : Ernie Wu

Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3141-01	BP-VPB-184-TB-20250917	Water	09/17/2025	09:00	VOC-TCLVOA-10		8260-Low	5 Bus. Days	
Q3141-02	BP-VPB-184-EB-20250918	Water	09/18/2025	10:30	VOC-TCLVOA-10		8260-Low	5 Bus. Days	
Q3141-03	BP-VPB-184-GW-60-62	Water	09/17/2025	10:11	VOC-TCLVOA-10		8260-Low	5 Bus. Days	
Q3141-04	BP-VPB-184-GW-100-102	Water	09/17/2025	12:50	VOC-TCLVOA-10		8260-Low	5 Bus. Days	
Q3141-05	BP-VPB-184-GW-150-152	Water	09/18/2025	09:45	VOC-TCLVOA-10		8260-Low	5 Bus. Days	
Q3141-06	BP-VPB-184-GW-200-202	Water	09/18/2025	12:25	VOC-TCLVOA-10		8260-Low	5 Bus. Days	
Q3141-07	BP-VPB-184-GW-220-222	Water	09/18/2025	14:30	VOC-TCLVOA-10		8260-Low	5 Bus. Days	

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3141	TETR06	Order Date : 9/18/2025 3:41:00 PM	Project Mgr :
Client Name : Tetra Tech NUS, Inc.		Project Name : NWIRP Bethpage 112G080	Report Type : Level 4
Client Contact : Ernie Wu		Receive DateTime : 9/18/2025 7:05:00 PM	EDD Type : ADAPT
Invoice Name : Tetra Tech NUS, Inc.		Purchase Order :	Hard Copy Date :
Invoice Contact : Ernie Wu			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
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Relinquished By :

Date / Time :

CP
9/19/25 1230

Received By :

Date / Time :

[Signature]
09/19/25

12:27

Storage Area : VOA Refridgerator Room